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Thirteenth Year, No. 1.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
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Designed By Architect William H. Newman,
San Francisco.

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TUESDAY, JANUARY 7, 1913.

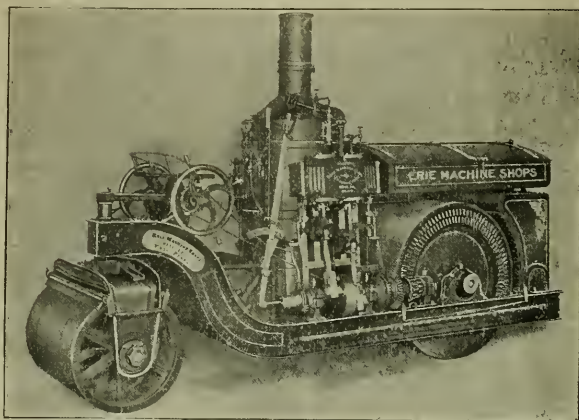
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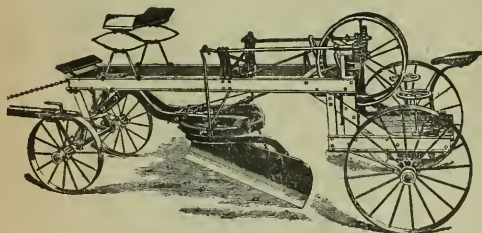
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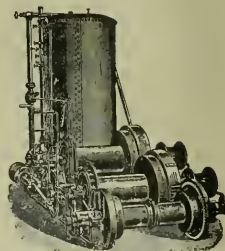


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of the Pacific Coast.

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Editorial Comment.

December 1912 was a fairly prosperous month for San Francisco. Permits and recorded contracts tabulated from the files of the Daily Pacific Builder show a total of 2,106,233 for the year being an increase of about 900,000 over the same month last year. This total is divided as follows: Brick and concrete \$1,237,671; frame \$555,598; alterations \$312,966. This total does not include city work nor does it include government buildings erected within the city limits. Government work in the Presidio and in the military reservations in and around San Francisco has amounted to more than 6 millions during the past year.

The December total brings the figures for the year up to the sum of more than 26 millions which was divided between the months as follows:

	1912
January	\$1,692,810
February	1,696,232
March	2,146,011
April	3,435,334
May	3,153,910
June	2,058,334
July	2,127,215
August	1,797,408
September	1,886,743
October	1,918,839
November	2,160,045
December	2,106,233
Total for year.....	\$26,179,116

The year's total makes the average for each month to be \$2,181,593. December therefore was about an average month falling under that figure by a very small margin. Compared with other years the month shows more than an average. For the past ten years the month has shown the following figures.

December, 1903	\$ 851,860
December, 1904	1,282,419
December, 1905	911,231
December, 1906	4,140,984
December, 1907	2,116,190
December, 1908	3,223,201
December, 1909	2,357,575
December, 1910	1,169,131
December, 1911	2,128,022
December, 1912	2,106,235

So also the year's work shows a steady growth in the city's development. Totals for twelve months during the same years are as follows:

1903	\$14,984,514
1904	16,916,118
1905	20,111,861
1906	39,254,167
1907	50,496,199
1908	35,128,651
1909	30,411,196
1910	22,873,912
1911	21,431,268
1912	26,179,116
Total for 10 years.....	\$280,787,632

These figures do not include city

work or government buildings, but only private construction. At that it shows that the building business in San Francisco is an important industry. Nearly two hundred and eighty-one millions of dollars have been spent during the last ten years in erecting buildings. And this represents real money expended and is no mere bookkeeping entry. The New Year bids fair to be a prosperous one. It is to be hoped that the figures computed on January 1914 will read a substantial increase over the previous year.

The Smithsonian Institution of Washington is erecting on Mount Wilson in Southern California a tower telescope 60 feet high. The object of this tower is to study the effect of solar radiation. This is the practical side of astronomy. As it is there is little of practical value in the study of astronomy today. The old science begun by the ancient Chaldeans has added little to the practical advance of modern times. Since the theory of the universe advanced by the old philosophers has been changed by Copernicus and Newton demonstrated his theory of the law of gravitation the science of the stars has been little applied to practical affairs.

But solar radiation, the heat of the sun, is the source of all life and energy on the earth. Heat and electricity are now harnessed and made to do the work of man. They together with all organic life depend upon the radiation of the sun. So one day some genius will discover a way of transforming this radiant energy into power for the use of man and then the cloudless deserts will be capitalized into sunshine areas and the barren wastes will be transformed into productive gardens.

The practical use of aeroplanes in warfare is being demonstrated in the Balkan war. Many flights have been made and it will be sometime before the net result of the feats will be obtained.

The first Bulgarian aviator to lose his life in this war was Lieut. Tarractchieff, who was sent out by Gen. Yankoff early in the war to reconnoiter Adrianople. His monoplane went wrong and he crashed to the ground and was killed as the result of his injuries. The Russian aviator, Poppoff, was also killed as a result of his machine catching fire in the air and falling to the ground, and on December 6th Dr. Constantin, the one time assistant of Dr. Doyne, a well known French surgeon, was sent while making a flight. He managed to descend, and the machine alighted safely at the Bulgarian camp with the dead aviator, who has been shot in the breast, still clutching his control wheel. The photograph showed that he had been up to a height of 1000 feet. He had flown over a Turkish fort.

and taken photographs and had evidently been shot in the act. His biplane was riddled with bullets, but this did not seem to affect its flying qualities. Thus once again was demonstrated the necessity of protecting the aviator with armorplate if he is going to engage in active warfare. The only aviator employed by the Turks appears to have been the Frenchman Letort. He made several reconnaissances of two to three hours' duration, and brought valuable information to the Turkish commander. A breakdown to his engine caused him to alight behind the Greek lines and he was captured. The latest cable news is to the effect that on the 19th inst. a Greek aviator, Montoussis, and his passenger dropped many bombs upon the fortified town of Janina, seriously damaging the principal buildings and terrorizing the inhabitants.

The Machinery Hall is the most important building of any exposition. Provisions for its location and construction are the first consideration of the board of management of the fair. The Panama-Pacific Directors have done well to commence its erection early. For this is a mechanical age. The Canal itself owes its construction primarily to mechanical appliances. Machinery has excavated its channel. Machinery has built its locks, its dams, and spillways and machinery will operate it when it is completed. The great ships that plow the seas are the creatures of the machines that propel them and have made their construction possible. Machinery has harnessed the forces of nature and made them do the work of man. Machinery is the means of transportation on land, on sea and in the air. It prints the newspapers. It prepares our food. It ministers our every want. It has been the means of harnessing not only the molecular forces of nature but the still more subtle energy of electricity and light.

Philosophy, and painting and sculpture and the arts were developed to a high degree in previous ages. But the perfection of modern machinery has advanced the world by leaps and bounds. The world has grown to be a small space compared even with the little section of southern Europe known to the ancients. And today the happenings in the remotest corner of the globe are known the world around before the close of day.

The inventor has been at work. The wheel and axle and inclined plane has transformed the world. Buildings are erected as if by magic. Steel and concrete have assumed gigantic proportions in construction. And if the architect of the temple of Diana, which was one of the wonders of the ancient world was to see modern construction his chief wonder would be at the perfection of modern machinery.

Old Archimedes said he would move the world if they would give him a place to put his lever. The modern inventor has used his lever to pry up and advance every branch of industry. The Canal itself, the ships that come through it, the trains that carry the millions of visitors, the automobiles, the aeroplanes, the newspapers, the telegraph, the telephone, in fact, everything that will make up the exposition will depend primarily upon machinery. The Machinery Hall will house the examples of the latest development in all

machines. It will represent the accumulated inventions of the ages. And on these inventions depend primarily the modern advancement of the race.

NATION AND STATE JOIN FORCES.

Co-operation between United States Geological Survey and State of California in Topographical Mapping and Investigation of Water Resources.

One of the strongest evidences of the practical value of the work of the United States Geological Survey is furnished by the fact that many of the States have appropriated money with which to assist in its investigations, under co-operative agreement. The people of the States are desirous of securing the results of the Geological Survey's work at a faster rate than they can be furnished with the appropriations provided thereby by Congress. Instead of using the funds to carry on independent investigations of the same kind, the States apparently realize that it will be better for them to make use of the equipment and qualified corps that the Geological Survey has accumulated and established for such work. In every State in which co-operation has been maintained the saving in expenditure and the results accomplished have been so great that the desirability and practicability of the arrangement have been proved beyond question.

Among the States which have in largest degree availed themselves of these co-operative opportunities in California. Under a general act the State has made a continuing appropriation, which provides \$15,000 annually for topographic mapping and \$9,000 annually for the investigation of stream flow and underground water resources. This work is carried on in connection with the regular Geological Survey work under co-operative agreement between the Survey and the State engineer.

Additional Contributions by California

The California Conservation Commission, authorized by an act of the legislature to make an investigation of the natural resources of the State, found that it required information concerning the water resources at the earliest possible date and therefore entered into an agreement with the Geological Survey, by which the Survey undertook special investigations of stream flow and water power under an allotment of \$12,500.

The State Board of Control (Water Powers), authorized by an act of the legislature to make a special study of the available water powers of the State and to recommend legislation for their control, likewise entered into a co-operative agreement with the Geological Survey to compile a complete digest of all available data concerning the flow of streams in the State of California and made an allotment for that investigation of \$4,000.

Inventory of Water Resources.

The results of the work thus undertaken are being published by the Geological Survey in six volumes designated Water-Supply Papers 295 to 300, inclusive. Nos. 295, 296, and 297 are hydrographic gazetteers containing information concerning all streams,

lakes, ponds, and other bodies of water within the State. Nos. 298, 299, and 300 contain the results of all stream-flow measurements that have been made within the State.

The State Board of Control (Water Powers), finding itself in need of accurate information concerning the fall of the principal rivers of the State, made a further allotment to the Geological Survey for special profile surveys of the Pit, Middle Fork of Feather three forks of the American, the Tuolumne, and the San Joaquin rivers, allotting therefor the sum of \$10,600.

The California State Water Commission, which succeeded the Board of Control (Water Powers), has recently entered into an agreement for the further pursuit of stream flow investigations under an allotment of \$2,500.

Involves Values of Millions of Dollars.

All this work above described, together with that which has been carried on in previous years under co-operative agreement between the Survey and the State engineer, will make available to the people of California practically complete information concerning the water resources of the State, the actual value of which has already been demonstrated to be many millions of dollars and the future value of which will overrun all estimates that may at the present time be considered reasonable.

The California legislature meets for organization today. There has been a movement on foot for a non-partisan caucus of the members of each house in regard to its organization. And there is a great deal of sense in the suggestion. The only real dividing line between the members of the incoming Legislature is that which separates the servants of the People from the servants of the Privilege. And no mere party considerations should prevent the progressives from getting together and enacting measures for the benefit of all the people.

The people of the state generally care little whether a legislator calls himself a Progressive, a Republican, or a Democrat. What they are concerned with is what he does. So that if beneficent measures are enacted and provisions made so that the average man gets a better chance the legislator who works for such measures will have served his district and his state well.

Party government is necessary in a big country like ours. But party prejudice and party fealty has ever been the means by which the buccannery of business and of politics have despoiled the people. People follow and vote the ticket that bears the name of their ancestors political faith long after it has lost every vestige of principle that gave it birth. And the fight for the leaders who have forced themselves into the leadership of the party councils when the very leaders are the ones who are deluding and dragging the principles of the party in the dust.

The last legislature of California accomplished much, more than any other in the history of the country.

The task of the present legislature is to perfect and amend that work. In many respects it has a harder task. But we still have the same Governor and we have every reason to believe that the present body will continue the good work so auspiciously begun.

TAPPING THE COLORADO.

Remarkable Work of Reclamation in the Yuma Valley Rendered Possible by Concrete.

By Charlton Lawrence Edholm.

One of the oldest stories told about Arizona—to the effect that an enthusiastic resident was explaining to a skeptical tenderfoot: "All this country needs is water and good society," to which the Eastern man scornfully replied: "That's all that is lacking in hell!"—has been recorded in all the "funny columns" of the rural press. The fact is there are several bucketfuls of water in Arizona, and then some; but the trouble heretofore has been that it was not properly applied. And regarding the good society, that is outside the scope of this article; but I may say in passing that while there are not enough people in the Territory to make a full grown city, yet among them are some of the best people on earth.

However, it is not a society column but a little account of an irrigation project that I am writing, a brief description of several remarkable feats performed by the United States Reclamation Service, which has run a dam about a mile in length across the Colorado River, with nothing but the unplumbed bed of silt for a foundation, and a granite wall at each end to anchor it, diverting sufficient water to irrigate 130,000 acres of desert and bottom land, and—perhaps the most spectacular performance of all—causing what amounts to a fair-sized river to flow one hundred feet below the bed of the Colorado from California, in order that the desert land about Yuma may be rendered fruitful.

The Laguna Dam is fourteen miles above Yuma, and extends across the broad, muddy Colorado, which here reminds one very strongly of the Mississippi near St. Louis. It is the only dam of its kind in the United States, although this style of dam is not an experiment, having been successfully tried out in India and Egypt. Three such dams are in use on the Nile. The type is known as the "Indian weir." A rather broad, flat, and not at all imposing structure, but one which does the work.

To quote the technical description given out by Mr. Francis L. Sewell, Project Engineer, the Laguna Dam is:

"Composed of loose rock filled between parallel walls of concrete which well down into the river. These concrete walls extend the entire length of the structure from the granite abutments in California to those in Arizona; and the upper wall is founded on sheet piling. The down-stream face of the weir, which has a slope of one foot in twelve feet, is paved with concrete 18 inches thick; below the down-stream wall is a substantial apron of derrick stone so placed as to protect the structure from flood erosion. The dam is over 4,700 feet in length, and about 240 feet in width, and of sufficient height to raise the water level of the river above about ten feet.

"One of the most difficult problems connected with irrigation from the Col-

orado is the removal of the silt before it can enter the canals, thereby clogging them and causing very considerable expense for canal cleaning. Failure to provide proper structures for removing the bulk of the silt before allowing the water to enter the canals, has caused the failure of many privately owned canal companies. This very important function will be performed by the head-works at Laguna Dam, in a most admirable manner.

"The dam will, by backing up the river flow for about ten miles, create a lake through which the passage of the water will be slow as compared with the normal current of the stream above. Thus considerable silt deposition can occur before the head-works are reached.

"The main irrigation canals which will leave from either end of the dam will not take their supply immediately from the river, but from sluiceways which will leave the main stream several hundred feet above the weir, bringing water to the canal head at a velocity of about one foot per second, which will result in still further silt deposits before the canals are reached. Observation has shown that in a flowing stream of water the greater volume of sediment is near the bottom; so it is desirable to take a canal supply from as near the surface as possible. At Laguna Dam, while there may be a depth of twelve to fifteen feet of water in the sluiceways, the regulators controlling the canal supply is so arranged that the irrigating water shall all come from the top fifteen inches of the sluiceway prisms. The down-stream ends of the sluiceways are closed by immense sluice gates, which will be opened periodically and the sluiceway deposits washed back into the river below the dam.

It will be seen from the above that the supply for the Yuma canal is clarified first by its slow progress through the lake above the dam; it is further clarified by its still slower progress through the sluiceways; and then the top only of this sluiceway supply is allowed to enter the canals. This long process of sedimentation, while it removes a large amount of earthy matter from the water, does not affect its action as a fertilizing agent, which is one of the most valuable functions of the Colorado water.

"The main cause of the project will have its head in the westerly abutment of the dam, and for the first 7,000 feet where it passes through the sand hills toward the south, will have a bottom the width of about 45 feet. Below the limits of the sand hills, the bottom width is increased to about 75 feet which dimension continues through the Indian Reservation until the Colorado River is reached. The stream will be crossed by an inverted siphon of concrete steel 14 feet in internal diameter, placed well below the river bottom. Below the siphon, the Yuma val-

ley will be served by two main canals—one near the river on the west, and the other following the foot of the mesa land on the east. The easterly canal will carry the water for the mesa, which will be pumped to the higher lands at the most favorable point. Power for a portion of this pumping can be developed along the line of the main canal in the Reservation; and the first installation will create about 1,000 net horse-power, which will provide for 30 per cent of the mesa land. Radiating from these main canals, the systems of laterals and sub-laterals will cover the entire irrigable area in a most comprehensive manner."

Not the least interesting feature of the Laguna Dam is the huge system of steel gates operating between massive concrete supports 40 feet high. These gates of the Storey type, which are built of steel plates, are riveted in a form which somewhat resembles a box divided into twelve compartments. They are each 33 feet long by 18 feet high, and are operated by a system of counterweights so delicately balanced that they can be controlled by hand until the power house is finished and the gas engine and generator are installed for their permanent operation.

A unique idea which originated with the Reclamation Service is the use of a fourth, or auxiliary, gate, which is hung behind the others and suspended on a heavy truck so that it can be shifted to position behind any one of them. This auxiliary is assigned for use while any of the regular gates are out of commission for repairs.

Returning to Yuma from the Laguna Dam, the railroad runs along the levee built by the Reclamation Service on the California side to protect the bottom lands; and here one can see the work of clearing the land in actual progress. Part of it is overgrown with cottonwoods, willows and mesquite; while some tracts are merely covered with brush, which can be cleared by the use of heavy railroad iron dragged broadside across the ground by a team at each end. The neat and trim cabins of the new settlers can be side by side with the primitive shelters of the Indians composed of bought and brush eked out with bits of boards from cracker boxes or packing cases.

On the river side of the levee, much of the brush has been utilized for building abatis work as a protection against the Colorado in times of flood.

At the bridge above the Colorado, we were obliged to leave the special, as it is not allowed to use the main line of the Southern Pacific Railroad; and here, within a few hundred feet of the tracks, is one shaft of the large siphon designed to carry the water diverted from the Laguna Dam underneath the river to Arizona. The concrete shaft, or caisson, stood like a tower, its top 20 feet or so above the ground, and its cutting edge far below the surface. Its depth was more than

90 feet at the time of the writer's visit, in May, and, when completed, it will have a depth of 150 feet. The inside diameter of this caisson is 11 feet; and it corresponds in dimensions with the caisson on the Arizona side, except that the latter will be two feet lower at the top. The two shafts will be connected by a tunnel about 1,000 feet in length and 14 feet in diameter, running 100 feet below the lowest sounding of the Colorado at that point. The tunnel will be lined with concrete; and the water rushing down the shaft on the California side, through the tunnel under the river, and up the shaft on the Arizona side, will have a velocity of eight feet per second, a mighty torrent which will irrigate more than 55,000 acres.

The work of sinking the caisson is an interesting problem which is being solved with gratifying success. As the caisson on the California side was approached, a number of Yuma Indians could be seen working in the shade of an awning that was stretched above it. They were operating the air-pump which supplied the diver, then working in ninety-three feet of water. As I ascended to the top of the big concrete structure, and sat on the edge looking down into the yellow water, suddenly a big round head bobbed up, and the clumsy body attached to it was hauled to a temporary platform by the diver's assistants. As he rested his elbows on the platform the helpers unscrewed the big helmet and laid it aside, giving the diver a chance to rest from its weight. He had just finished drilling a hole beneath the steel cutting edge of the caisson, and had come to the surface for the charge of dynamite, which was handed to him, a long, yellow roll attached to the firing wire. Then he was once more encased in his helmet, and, at a signal, lowered rapidly out of sight, to reappear after another interval.

As I waited there, the firing wire was connected, an electrician was given the signal to throw on the switch, and instantly the huge mass of concrete, weighing 1,600 tons seemed to rise under me with a jolt. In reality it had dropped a trifle; and with every shot and every bucketful of crushed rock removed, the caisson is driven inch by inch into the ground, forced downward by its own weight.

On the Arizona side of the river, I was able to watch the steady clock-like sinking of the big shell, by means of an apparatus for registering its descent. A measuring rod is placed on top of the siphon, with feet and inches marked on it. The lower end of the rod rests on the concrete, and it slides in a groove. As the rock and gravel is dredged from the bottom by the clamshell bucket, one can see the rock settling very slowly and steadily as the huge mass of concrete forces its way downward. The cutting edge is beveled so that the rock is forced in; a core is crushed out by using a pile driver, equipped with teeth, and, as the core is scumpled, the beveled cutting edge embraces the gravel to the center. Where the formation is too hard for this method, a diver is sent down to drill a hole and charge it with dynamite. When the siphon sinks about 3½ feet, the steel ring, or form, is

filled to the top with concrete, which is allowed to harden. Then the form is unclamped, loosening the concrete from the steel and allowing it to settle as before.

As in many other Western engineering projects, the work at Yuma has brought out some new ideas, for, when one is far from all supplies, a remarkable resourcefulness is developed and a man often makes his tools to work with. An example of this is the improvement on the clamshell bucket, invented by Project Engineer Sellow. When it was found too expensive to keep the water pumped from the bottom of the shaft so that pick and shovel work could be done, it was decided to allow the water to remain and excavate with clamshell buckets. But, as much time would be required to secure new ones from the East, a couple of abandoned "clamshells" were rescued from the scrap pile at Laguna Dam and repaired to fit them for service. It was found, however, that the ordinary bucket of that type made little impression on the particular rock formation encountered, until, at Mr. Sellow's direction, they were furnished with three pairs of long steel teeth, which bit into the rock and did the work.

Another idea developed on this project is that of equipping a pile-driver weight with steel spikes. This is allowed to fall from a great height, and does good work in breaking and crushing the rock at the bottom of the shaft.

Irrigation has already commenced on the Yuma project, the Indian Reservation in California now being served by gravity canals, while a pump and a scoop wheel serve to irrigate 10,000 acres of the Yuman Valley. When completed the work at Yuma will serve to irrigate the following areas:

	Acres
Yuma Indian Reservation, Cal.	16,150
Lower Yuma valley, Ariz.	55,242
Gila valley near Laguna Dam.	8,000
Mesa land	10,000
Total	119,392

When the 11,000 acres in the lower Gila valley are added, a grand total of about 130,000 acres will be reached.

There is no doubt as to the wonderful fertility of the land to be reclaimed. Alfalfa is one of the standard crops, a yield of 500 pounds per acre being well within the average. Barley and wheat are harvested in March or April; and during the same season, corn pumpkins, or melons may be grown in the same field. In fact any garden vegetable can be raised with remarkable success in this desert soil when it is supplied with water. Olives, oranges, lemons, grape fruit, the pomegranate, the date and the fig are all products of this American Egypt, and the culture of cotton promises to be one of the great industries of the valley. Experiments with long-fibred Egyptian cotton are successful; and, as its market price is about twice that of the short-fibred cotton, it is claimed on good authority that \$100 per acre can be counted on as the gross returns of the cotton culture.

These are just a few items called at random which give an idea of the reason why the United States Govern-

ment is expending so much money and labor on the reclamation of the Yuma valley. With great pride the people of that district quote Theodore Roosevelt's message to Congress in which he speaks of the lands of the lower Colorado in these words:

"A most conservative estimate, after full development, must place the gross products from this land at not less than \$700 per acre per year, every ten acres of which will support a family when under intense cultivation. Much of the land will be worth from \$500 to \$1,500 per acre to individual owners."

This is the land which has been termed "The Country God forgot." In reading over a statement compiled by the Reclamation Service, I found among the dry facts and figures the "pat" answer to this proverbial phrase: "Not the country God forgot; merely the country which man overlooked."

FOREIGN TRADE OF THE UNITED STATES IN 1912.

The foreign trade of the United States in 1912 will show a higher record in both imports and exports than in any previous year. Eleven months' figures just compiled by the Statistical Division of the Bureau of Foreign and Domestic Commerce indicate that the imports of the year will approximate 1,800 million dollars, against 1,563 million in the former high record year for imports, 1910, and that the exports will approximate 2,400 million dollars against 2,093 million in the former high record year for exports, 1911. The calendar year will break all records in the value of both imports and exports. In one feature, however, that of excess of exports over imports, the record of the year will fall below that of certain earlier years. The excess of exports in 1912 will apparently be about 600 million dollars, while 1908 showed an excess of exports of 636 million and 1900 an excess of exports of 619 million dollars.

The exact figures of the 11 months for which the record has been established are, for imports, \$1,664,300,000, against \$1,426,200,000 in 1910 and \$1,392,600,000 in 1911. The value of the merchandise which entered free of duty in the 11 months of 1912 was \$902,000,000, against \$694,332,000 in 1910 and \$714,490,000 in the corresponding period of 1911. The amount which paid duty in the 11 months of 1912 was \$761,900,000, against \$731,862,000 in the corresponding months of 1910 and \$677,194,000 in the same months of 1911. For the single month of November, 1912, the total imports were \$153,000,000, of which \$89,600,000 entered free of duty and \$63,400,000 paid duties, the share of the imports which entered free of duty being, in November, 58.6 per cent, and in the 11 months, 51.2 per cent. On the export side of the 11 months' figures of 1912 are \$2,118,000,000, and for the single month of November, \$277,900,000, suggesting that if December trade equals that of November, the total imports of the year will be about \$1,800,000,000, against \$1,562,000,000 in 1910 and \$1,523,000,000 in 1911; and the exports about \$2,400,000,000 in 1912, against \$1,866,000,000 in 1910 and \$2,092,000,000 in 1911, the first year in which the

exports had crossed the two billion dollar line.

The increase in imports occurred especially in manufacturers' raw materials which, for the 10 months for which detailed figures are now available, amounted to \$523,873,088, against \$421,502,273 in the same months of last year, an increase of over \$100,000,000, or about 25 per cent in this class alone. Articles partly manufactured for further use in manufacturing show a gain of imports of about \$21,500,000 in the 10 months for which figures are available; manufactures ready for consumption a gain of about \$40,000,000, and foodstuffs, a gain of \$80,000,000. The increase of \$100,000,000 in manufacturers' raw materials occurred especially in hides and skins, which show a gain of \$33,000,000; rubber, about \$20,000,000; wool, over \$15,000,000, and fibers, \$10,000,000. In foodstuffs imports of coffee in the 10 months showed an increase of \$31,000,000, and sugar, \$23,000,000.

On the export side the increases occurred chiefly in cotton, wheat and manufactures, while foodstuffs other than wheat show a further decline. Cotton exports made their highest record in November, amounting to over \$109,000,000 for the single month and bringing the total for 11 months up to \$531,000,000 and indicating for the full year a total considerably above \$600,000,000, against \$440,000,000 in the same months of 1911 and \$428,000,000 in the corresponding months of 1910, the former high record year in the value of cotton exported. The quantity of cotton exported makes a new high record in 1912, the total for the 11 months being 4,849 million, against 4,460 million in the full 12 months of the former high record year, 1911. Wheat exports for the year will probably amount to about 100,000,000 bushels, including stated in terms of wheat, exceeding by about 20,000,000 bushels the record of last year, but being less than half that of 1901. In meats and food animals exported the record of the year will be low. The number of cattle exported in the 11 months ended in with November was but 44,997, against 152,288 in the same months of last year; and of fresh beef the quantity exported in the 11 months was eight and one-third million pounds against 27 million pounds in the corresponding months of last year. Manufactures ready for consumption show an increase of 76 million dollars and those for further use in manufacturing an increase of 53 million in the 10 months ended with October, suggesting that the total increase of the full year in all classes of manufactures will amount to about 150 million dollars and bring the total of manufactures exported considerably above the billion dollar line.

The increase in both imports and exports was apparent in the trade with all parts of the world. Exports to Europe show in the 10 months for which detailed statistics are available a gain from 1,015 million dollars in 1911 to 1,103 million in 1912; those to North America, from 299 million to 473 million; to South America, from 98 million to 114 million; to Asia, from 76½ million to 96 million; to Oceania, from 57 million to 61 million; and to Africa, from 20 million to 22 million dollars.

Pictures describing news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment houses, 2, 2 story and base, frame, \$10,000 each. Architect, none. Owner, John Dempulak, 1684 Washington St., S. F. Each of the buildings will have a street frontage of 23 feet and a depth of 33 feet. Interiors will be arranged for four-room suites with private baths and wall beds, central heating system will be installed. Interior finish will be of pine throughout. Some hardwood floors will be used. Bath rooms will have cement floors and tile wainscot. The exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$45,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. This building will be erected on Russian Hill, a section of the city but recently attracting this type of building. Preliminary plans show a structure arranged for 32 suites of the two and three room type. There will be connecting baths, wall beds, elevator service and a central heating system. Interiors will be handsomely finished throughout with pine, redwood, some hardwoods and ornamental plaster. The exterior of the building will be covered with cement plaster on metal lath. Working drawings will not be completed for about thirty days.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, Welsh & Carey, Western Metropolis Bank Bldg., S. F. Owner, A. Rosa. The building will be erected at the corner of 28th and Church streets, and is to contain stores on the first floor and 12 two and three room suites on the upper floors. Interiors will be finished in pine, redwood and elm with some oak floors. A central heating system will be installed. All apartments will have connecting baths and wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and will shortly be out for figures.

SAN FRANCISCO—Apartment house, 1 story and base, brick and steel, \$45,000. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner's name withheld. The building will be erected on Sutter street and will have a street frontage of 40½ feet and a depth of 90 feet. There will be a total of 19 suites besides the entrance, lobby and reception rooms. Apartments will consist of two and three rooms each with bath and wall beds. There will be steam heat, hot and cold water, a vacuum cleaning system and elevator service. Interior will be finished in pine and elm. Baths will have cement floors and tile wainscot. Ornamental plaster and imported tapestries will be used in the reception room and lobby. Considerable marble and tile are specified. The exterior of the building will be faced with pressed

brick and cement plaster. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL. Apartment house, 2 story and base, frame, \$10,000. Architect, none. Owner, G. L. Messerle, Richmond. The building will contain four apartments of three rooms and bath. Interior finish will be of pine and redwood throughout. There will be open fire places or gas grates. Mantels will be of tile. Bath rooms will be finished in tile and cement. The exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who is now taking figures on the various parts of the work.

LOS ANGELES, CAL.—Apartment house, 1 story and base, brick and steel. Cost not stated. Architect, F. M. Tyler, Hibernian Bldg., L. A. Owners, Mrs. Frances Zahn and A. W. Ross. The house has been designed to contain 102 rooms, which will be arranged in suites of two and three rooms each. There will be private baths, wall beds, a vacuum cleaning system, two elevators and steam heat. Interior finish will be of pine, mahogany and oak. Entrance will be finished in tile and marble. Bath rooms will have cement floors and tile wainscot. Some metal window sash will be used. The exterior of the building will be faced with glazed white brick and terra cotta. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, H. C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. A. L. Brownlee. The building will be erected on Jones street near Washington, and has been arranged for 24 apartments of two and three rooms each, with bath and wall beds. Interior finish will be of pine, redwood and elm. There will be a central heating system and a vacuum cleaning plant. Baths will have cement floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit. The building has been designed to contain 13 modern apartments of three and four rooms each. All suits will have private baths, wall beds and separate entrances. Interior finish will be of pine, redwood and hardwood. There will be steam heat. Bath rooms will be finished in tile. A vacuum cleaning system will be installed. The exterior of the building will be covered with cement plaster and veneer stone. Plans are complete and the work will be done by Day Labor.

PORTLAND, ORE.—Apartment house, 3 story and base, reinforced concrete, \$30,000. Architect, none. Owners, Butterworth-Stephenson Co., Portland. The building will cover an area of 7474 feet, and will be designed to contain 16 apartments of three rooms and bath each. The first floor will contain the entrance, lobby, office and three large store rooms. There will be steam

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heat and elevator service. Interior finish will be of pine with some hardwood veneer. The bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster. Wall beds will be used throughout. Plans are being prepared.

PORTLAND, ORE.—Apartment house and stores, 2 story and base, reinforced concrete. Cost not stated. Architect, Fred S. Allerton, Portland. Owner's name withheld. The building will be 50x100 feet with stores on the first floor. Upper floor will contain five three-room apartments with baths and wall beds. There will be steam heat. The interior of the building will be finished in pine throughout. Exterior will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, John M. Thomas. The building has been designed to contain 66 rooms which will be arranged in suites of two and three rooms. All apartments will have wall beds and private baths. There will be steam heat and a vacuum cleaning system. Interior will be finished in pine, redwood and elm. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$37,000. Architect, none. Owners, J. B. and E. C. Hunter. Contractors, C. F. Borton Co., Hibernian Bldg., L. A. Contract price, \$37,000.

BANKS

LODI, SAN JOAQUIN CO., CAL.—Bank, 1 story and base, reinforced concrete, \$25,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, Bank of Lodi. This work has been mentioned here before when the plans were first started. Bids for the work are now being taken and a contract will be awarded shortly. The structure will contain the general offices, banking rooms and private offices. Interior will be finished in hardwoods, tile, marble, ornamental plaster and bronze. There will be a central heating system. The exterior of the structure will be faced with pressed brick and terra cotta. Bids are now being taken.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO.—Sea wall construction, \$195,000. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Five bids were received by the State Board of Harbor Commissioners on Monday last for the construction of section 9A of the sea wall and seven bids for section 9B. The Daniel Contracting Company presented the lowest figures in each case and will probably be awarded the contract. Their bid for section 9A was \$275,700, aid for section 9B \$220,000. Sections 9A and 9B of the seawall will extend from the foot of Harrison street to the foot of King street. Governor Johnson and Mayor Tolph met with the Harbor Commissioners. The next work to be undertaken by the State Board of Harbor Commissioners will probably be the construction of pier 37, which will be erected at the foot of Mason street. This contract will be followed by the construction of pier 39, which will adjoin pier 37. Directly following the letting of these contracts bids will be asked for on the construction of the Ferry Annex, working drawings for which are now being completed by Architect L. B. Dutton, Chronicle Bldg. For a complete list of all figures presented for the seawall work see under San Francisco in this issue.

FACTORIES & WAREHOUSES.

SAN FRANCISCO.—Warehouse and shop, 1 story steel and corrugated iron, \$5,000. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner, Earl K. Cooley. The building will be erected on Harrison street near 8th, and will cover an area of 40x80 feet. There will be a light steel frame with exterior walls covered with corrugated iron. Floor will be of cement. The front portion of the building is to be occupied by the office and the balance of the space given over to factory and storage space. Plans are complete and the architect is now taking figures on the work.

Contracts Awarded.

SAN FRANCISCO.—Warehouse, 3 story and base, reinforced concrete, \$90,000. Architect's name not given. Owners, American Can Co., Mills Bldg., S. F. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F. general construction. Contract price, \$80,000. Raymond Concrete Pile Co., foundation work, \$15,000. Note: Mr. Bush, of the American Can Co., is handling the work for the owners.

FLATS.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$5,500. Architect, none. Owners, Hansen and Jacobsen, 1886 McAllister St., S. F. The building will have a street frontage of 25 feet and a depth of 55 feet. There will be two modern flats of five and six rooms each with bath. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the living rooms. Bath and kitchen will be finished in tile. Open fire places and tile or brick mantels are specified. The exterior of the building will be covered with cement plaster on metal lath.

Plans are in the hands of the owners and the work will be done by Day Labor.

SAN FRANCISCO.—Flats, 2 story and base, frame. Cost not stated. Architects, Walsh & Carey, Western Metropolis Bldg., S. F. Owner, X. W. Fay. The building has been designed to contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood with some oak floors. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. The exterior of the building will be covered with cement plaster. Plans are now being prepared.

GARAGES.

PORTLAND, ORE.—Garage, 2 story and base, reinforced concrete. Cost not stated. Architects, Whidden & Lewis, Portland. Owner, J. Woods Smith. The architects have just been selected to prepare plans for this building. The building will occupy a corner site 100 feet square. The first floor and basement will be used for a commercial garage and the second floor for hall purposes. None of the particulars of construction can be given at this time.

GOVERNMENT WORK AND SUPPLIES.**Honolulu Channel Iron Work.**

Bids were opened by the lighthouse inspector, 19th district, Honolulu, H. T., as follows for furnishing certain iron work in connection with the Honolulu channel light No. 6:

Honolulu Iron Works Co., \$580; accepted.

Cotton, Neill & Co., Ltd., \$600.

von Hamm-Young Co., \$671.70.

Judson Mfg. Co., \$700.

Moore & Scott Iron Works, \$850.

Bureau of Yards and Docks.

The annual report of the chief of the bureau of yards and docks contains the following information:

At the beginning of the fiscal year the bureau had under construction 3 new dry docks of the largest size—at New York, Puget Sound, and Pearl Harbor—and the lengthening of the principal dry dock at Norfolk was nearing completion. Early in the year the Norfolk dry dock was completed, and the New York dry dock has since been officially accepted, both docks now being in regular service. The Puget Sound dry dock is approaching completion, lacking only removal of contractor's cofferdam and dredging at entrance, with some installation of machinery in the pump well. The contract for the dry dock at Pearl Harbor is being modified to provide for a usable length of 1,000 feet, so that it may take any ship which can pass through the Panama Canal. Great difficulties were encountered both at New York and Pearl Harbor. The former was met by an original design and method of construction and the latter by careful study, experiments, and tests. Large expenditures have been made in the repair and preservation of the floating dry dock Dewey at Manila, and this dock continues to provide needed docking facilities in Philippine waters.

Work has been carried on during the year on the three large hospitals of

practically identical construction at Portsmouth, Chelsea, Mass., and Newport. Work under the contract for the three buildings is practically complete. There remains to be constructed power houses, quarters for officers and attendants, and other detached buildings. Plans for a general hospital at Pearl Harbor have been developed, and the work is nearly ready for advertisement. Miscellaneous small improvements have been carried out at various other stations.

Plans are in preparation for a marine barracks, Philadelphia, and marine officers' quarters have been constructed at Philadelphia and Norfolk on plans prepared at the bureau. Minor improvements have been carried out at various other stations. Marine barracks and quarters for Pearl Harbor are under contract.

Construction work is either under way or has been completed at nine separate stations aggregating over \$260,000. In addition plans have been prepared or construction has been started for additional work aggregating over \$390,000.

The act of March 4, 1911, authorized two floating cranes of 150 tons capacity for Boston and Pearl Harbor, the limit of the cost of the two being \$660,000. The pontoons have been completed, and the erection of the superstructure and machinery is proceeding satisfactorily.

The station at Arlington, Va., including one 660-foot tower and 450-foot towers and several buildings, has been completed. Proposals will shortly be opened for a wireless station at Guantanamo, Cuba.

Fuel-oil stations have been completed at Melville, R. I.; Norfolk, Charleston, and Key West. The oil station at Guantanamo is in process of erection. Extensions have been authorized at these places, and active construction work is under way. A gasoline tank is also being erected at Boston. A 25,000-ton plant has been designed for Pearl Harbor, and the tanks and other material for 5,000 tons of fuel oil and 250 tons of gasoline are under contract.

The coal-storage plant at Tiburon, Cal., has been completed. The bureau has made designs for coaling plants of 200,000-ton capacity at Boston, Norfolk and Pearl Harbor. Funds have been allotted to commence the construction of the plant at Pearl Harbor, and work is being actively prosecuted.

Pearl Harbor, H. T., Magazine Buildings.

The followings bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for the construction of 5 magazine buildings at the U. S. Naval magazine, Pearl Harbor, H. T.:

Item 1. Net price for 5 buildings, complete, in accordance with plans and specification.

Item 2. Net price for 5 buildings, complete, in accordance with plans and specification, using alternate wall construction.

Item No. 3. For primer house.

Item No. 4. Do, using alternate wall construction.

Item No. 5. Price for magazine building.

Item No. 6. Do, using alternate wall construction.

Item No. 7. Price for loaded-shell house.

Item No. 8. Net price for loaded-shell house, using alternate wall construction.

Item No. 9. Price for fixed-ammunition house.

Item No. 10. Price for fixed-ammunition house, complete, using alternate wall construction.

Item No. 11. Price for high-explosive house.

Item No. 12. Price for high-explosive house, using alternate wall construction.

Item No. 13. Price to be added to or deducted from prices bid under items Nos. 1, 5, 7, and 9 for each 20-foot bay added to or deducted from the lengths shown on the drawings, using tile wall construction.

Item No. 14. Price to be added to or deducted from prices named under items Nos. 2, 6, 8, and 10 for each 20-foot bay added to or deducted from the lengths shown on the drawings, using alternate wall construction.

Item No. 15. Price to be added to or deducted from prices named under items Nos. 1, 3, and 11 for each 18-foot bay added to or deducted from the lengths shown on the drawings, using tile wall construction.

Item No. 16. Prices to be added to or deducted from prices named under items Nos. 2, 4, and 12 for each 18-foot bay added to or deducted from the lengths shown on the drawings, using alternate wall construction.

Spalding Construction Co., 1020 Chamber of Commerce Building, Portland, Ore., item 1, \$89,110; 2, \$93,570; 3, \$7,370; 4, \$7,804; 5, \$23,340; 6, \$24,230; 7, \$32,723; 8, \$34,173; 9, \$27,450; 10, \$28,590; 11, \$7,370; 12, \$1,804; 13, \$2,400; 14, \$2,500; 15, \$1,800; 16, \$1,900; alternate, \$84,140.

Penn Bridge Co., 313 Bond Bldg., Washington, D. C., item 1, \$88,740; 2, \$85,793.

W. N. Concanon Co., Menadnock Bldg., San Francisco, Cal., item 1, \$88,980; 2, \$85,980; 3, \$6,400; 4, \$6,200; 5, \$19,600; 6, \$19,000; 7, \$31,000; 8, \$30,100; 9, \$26,500; 10, \$25,800; 11, \$25,800; 12, \$6,400; 13, \$1,350; 14, \$1,200; 15, \$2,000; 16, \$1,960.

Lord-Young Engineering Co. (Ltd.), 12 Merchant street, Honolulu, Hawaii, item 1, \$79,600; 2, \$77,200; 3, \$6,200; 4, \$6,100; 5, \$20,000; 6, \$19,600; 7, \$29,500; 8, \$28,500; 9, \$25,000; 10, \$21,000; 11, \$6,200; 12, \$6,100; 13, \$1,900; 14, \$1,800; 15, \$1,100; 16, \$1,375.

—HALLS & SOCIETY BLDGS.—

McMINNVILLE, ORE.—Lodge hall, 3 story and base, brick and steel, \$30,000. Architect, C. C. Robbins, Portland. Owners, McMinville Masonic Hall Association. The building will be a three story and basement structure, covering a site 80x100 feet. The first floor will contain several large stores. There will be offices on a part of the second floor while the owners have reserved the entire third floor and a part of the second for their hall. There will be steam heat. Interior will be finished in pine and hardwoods. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTELS.

SAN FRANCISCO—Hotel, 6 story and base, steel and concrete, \$30,000.

Architect, William Mosser, Nevada Bank Bldg., S. F. Owner, Henry Wolff. This building will be erected in the rear of a present structure on O'Farrell street near Jones. There will be in the neighborhood of 65 rooms and a number of baths. The building will have elevator service and steam heat. Hot and cold running water has been provided for all rooms. Interior finish will be of pine and redwood. The exterior will be faced with cement plaster. Plans are complete and a contract will be awarded at once.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$75,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, A. W. Maltby. This work has been mentioned in these columns before when working drawings were being prepared. The building will have a street frontage of 52 feet and a depth of 100 feet. Plans provide for two stores on the first floor and a total of 50 guest rooms on the upper floors. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and some hardwoods. Bath rooms will be finished in tile. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Hotel, 7 story and base, Class C construction, \$65,000. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, W. B. Grosh. The building will be erected on Sutter street west of Powell, and is to contain stores on the first floor besides a large and attractive lobby. The upper floors will be arranged for a total of eighty rooms and baths. Interior finish will be of pine and some hardwood. Bath rooms will be finished in tile. There will be steam heat and elevator service. The exterior will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick. Cost not stated. Architect, A. E. Fetherstonhaugh, Ferguson Bldg., L. A. Owner, J. H. Call. The building will contain a total of ninety rooms and a number of baths besides the office and general lobby which will occupy the entire first floor. There will be steam heat and elevator service. Interior finish will be of pine and redwood. Running hot and cold water has been provided for all rooms. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel and stores, 4 story and base, brick. Cost not stated. Architect, Edward C. Thorne, Realty Board Bldg., L. A. Owner, L. L. Deball. The building is to cover an area of 60x101 feet. Plans provide for seven stores on the ground floor and a total of 125 rooms on the upper floors. Interior finish will be of pine throughout. Bath rooms will have cement floors. There will be steam heat and elevator service. Running hot and cold water will be supplied to all rooms. The exterior of the building will be faced with pressed brick. Patent store fronts will be used. Plans are being prepared and work will be started within a short time.

HILLSBORO, ORE.—Hotel, 2 story and base, brick, \$20,000. Architect, Newton C. Gaunt, Portland. Owners, J. W. Bailey, et al. The ground floor will contain one store, main office and

lobby, sunple rooms, dining room and kitchen. Upper floors are to be arranged for 10 guest rooms and 12 private baths. There will be steam heat. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

IMPERIAL, IMPERIAL CO., CAL.—Hotel, 2 story and base, brick. Cost not stated. Architects, Western Architectural and Building Co., Counter Bldg., L. A. Owner, Mrs. Laura Waters. The building will cover an area of 112x128 feet. The first floor will contain a number of stores while provision has been made on the upper floor for 5 rooms and a number of baths. There will be hot and cold running water in all rooms. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are being prepared.

TOURANCE, LOS ANGELES CO., CAL.—Hotels, 4, 2 story and base, brick. Cost not stated. Architect, Irving J. Gill, 625 So. Hill St., L. A. Owners, Dominguez Land Co. Each of these buildings has been arranged for stores on the first floor and rooms above. All interior trim will be of pine. Hot and cold running water is to be supplied to all rooms. The exteriors will be faced with pressed brick. Plans are complete and figures are being taken by the owners.

Contracts Awarded.

PORTLAND, ORE.—Hotel addition, 4 story, brick, \$40,000. Architects, Emil Schacht & Son, Portland. Owners, Golden West Hotel. Contractors, Brayton Eng. Co., Portland. Contract price, \$10,000.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,000. Architect, D. C. Coleman, Western Metropolis Bank Bldg., S. F. Owner, M. Fisher. The dwelling has been designed for an eight-room house with bath rooms and laundry. Interior finish will be of pine, redwood and white cedar. There will be furnace heat and open fire places. Hardwood floors will be used in the principal rooms. Bath room will be finished in tile. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Frank Lapham, 575 3rd Ave., S. F. The house will contain six rooms and bath. Interior finish will be of pine and redwood throughout. There will be an open fire place with tile mantle. Some oak floors will be used. The exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

ATHERTON, SAN MATEO CO., CAL.—Bungalow, 1½ story and base, frame, \$6,800. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Bruden. The bungalow has been designed to contain about eight rooms, sleeping porch and bath. Interior finish will be of pine, redwood and hardwood. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath

rooms and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded within a few days.

SAN CARLOS, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$12,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. This house has been designed to contain in the neighborhood of ten rooms, baths, sleeping porch and a laundry. Interior finish will be of pine, redwood and hardwoods. Hardwood doors will be used throughout the principal rooms. A central heating system will be installed. There will be open fire places and brick and tile mantels. An automatic water heater will be used. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath and the roof will be of red clay tile. Plans will be out for figures in the course of a week or ten days.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,000. Architect, none. Owner, F. Monson, 865 Church street, S. F. The bungalow will contain six rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place in the living room with a tile or brick mantle. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$6,000 each. Architect, none. Owner, W. J. Rednal, 2500 Filbert St., S. F. These houses will each contain eight rooms and bath. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile with composition floors. Automatic water heaters will be installed. The exteriors will be covered with red stock brick veneer and white cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residences, 8, 1 and 2 story and base, frame, \$2,500 to \$4,000. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit. These houses will all be erected in the neighborhood of Broadway and Kales street. Mr. Coit is a well known Oakland builder and he will erect the buildings for sale. The one story houses will contain from five to seven rooms and the two story houses from six to eight rooms. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used extensively. The better type of houses will have furnace heat and all will have open fire places with brick or tile mantels. Plans are being prepared and as rapidly as completed the work will be started under the Day Labor system.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,800. Architect, George Anderson, 5456 College Ave., Oakland. Owner, J. Anderson. The house will contain seven rooms and

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bath. Interior finish will be of pine and redwood with some oak floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SCHOOLS.

OAKLAND, CAL.—School, 1 story and base, reinforced concrete, \$70,000. Architect, J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. This building will be known as the 15th Avenue School and will be similar in design to a number of others recently erected in Oakland. There will be six class rooms and an assembly hall. A central heating system will be installed. The exterior will be faced with cement plaster and the roof will be of red clay tile. Plans are complete and have received the approval of the Board of Education. Bids are being taken and will be opened by the board on January 20th. Plans and complete information may be secured from the Supervising Architect J. J. Donovan.

POMONA, LOS ANGELES CO., CAL.—School, 1 story and base, reinforced concrete, \$25,000. Architect, Paul F. Higgins, Pomona. Owners, Pomona School District. Working drawings have been completed for the San Antonio Avenue Grammar School and will be approved by the Board of Education at their next meeting. The building will contain six class rooms, assembly hall and teachers' rooms. A central heating system will be installed. Interior finish will be of pine throughout with some maple floors. The exterior of the building will be faced with cement plaster. Bids will be called about January 15th.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Sewers, storm water and sanitary. Cost not stated. Engineer, Engineering Department, P. 1 & C, Exposition Bldg., S. F. Owners, Panama-Pacific Exposition Co. Plans for the sanitary and storm water sewer for the Exposition site are complete and out for figures. Bids will be opened on January 9th. One of the next contracts to be awarded by the Exposition Co. will be for a service water supply system, plans for which are complete and specifications are being written.

REDLANDS, SAN BERNARDINO CO., CAL.—Water system. Cost not stated. Engineer, F. E. Trask, Union Oil Bldg., L. A. Owners, City of Redlands. Plans for the municipal water system have been approved and are now out for bids. Bids will be opened by City Clerk R. Warner Thomas on January 15th. The material will consist of 300 tons cast iron pipe as follows: 1,730 lineal feet 12-inch; 9,050 lineal feet 8-inch; 600 lineal feet 6-inch; 15 tons cast iron specials; 13,410 lineal feet 4-inch standard screw pipe; 1,650 lineal feet 6-inch standard screw pipe; standard pipe specials; 7,800 lineal feet 12-inch riveted steel pipe; 23,000 lineal feet 16-inch riveted steel pipe; 5,100 lineal feet 20-inch riveted steel pipe; 100 lineal feet 24-inch riveted steel pipe; specials for above; 80 fire hydrants; valves as follows: Two 20-inch, seven 16-inch, two 12-inch, two 10-inch, eighty 6-inch, 100 4-inch; two air valves of 200-lbs. pressure; 20 dozen lanterns; 10 dozen each picks and shovels; four wells of 18-inch, 20-inch and 22-inch casing, four pumps and heads; one one-ton auto truck. Bids will be received on the work as a whole or on each unit separately.

REDLANDS, SAN BERNARDINO CO., CAL.—Electric power plant. Cost not stated. Engineer, F. E. Trask, Union Oil Bldg., L. A. Owners, City of Redlands. Plans for the electric power plant for the municipal water system have been completed and are now out for figures. Bids will be opened by the Board of Trustees on February 5th. A maximum of 600 horse power is required and bids will be taken for steam, gasoline, and crude oil engines. Full particulars can be secured from either the engineer or from City Clerk R. Warner Thomas, Redlands.

Contracts Awarded.

PORTLAND, ORE.—Trunk sewer system No. 2. Cost not stated. Engineer, City Engineer Portland. Owners, City of Portland. Contractors, Giebisch & Joplin, Portland. Contract price, \$156,107.40.

STORES & OFFICE BUILDINGS.

SAN FRANCISCO.—Stores and offices, 10 story and base, Class A construction, \$100,000. Architects, Havens & Toppel, 46 Kearny St., S. E. Owners, A. Meyers and J. Liebes. The present buildings at the corner of Market and Sutter streets are to be demolished and a new and thoroughly modern office building will be erected on the lot. Preliminary plans have been prepared by the architects, but no details of the construction are available at this time. Mr. Liebes states that the new building will have a complete steel frame and the construction will be fireproof throughout. Exterior walls will probably be faced with pressed brick and terra cotta. Further mention will be made as plans progress.

OCEAN PARK, LOS ANGELES CO., CAL.—Stores and lodge hall, 2 story and base, brick. Cost not stated. Architect, J. William Roberts, 2375 West 25th St., L. A. Owner, J. William Roberts. The building will contain four stores on the first floor and ten offices besides a large lodge room on the upper floor. Interior finish will be of pine throughout. The exterior will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

PORTLAND, ORE.—Stores and offices, 12 story and base, Class A construction, \$750,000. Architects, Doyle, Patterson & Beach. Owners, Marqua Llock Co. Contractors, Dinwiddle Construction Co., Portland. Contract price, \$750,000.

SEALED PROPOSALS.

PROPOSALS FOR BLACKBOARDS.
OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on **Wednesday, the 8th day of January, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of slate Blackboards in the Girl's High School.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

PROPOSALS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on **Wednesday, the 8th day of January, 1913**, for doing the following street work, including the furnishing of the necessary labor and materials therefor, to wit:

The construction of a culvert under San Bruno avenue at Islals Creek Channel.

By order of the Board of Public Works.
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR FOUNDRY EQUIPMENT.

SEALED bids will be received for furnishing and installing Foundry Equipment, Polytechnic High School, in open session of the Board of Education on **Wednesday, January 15, 1913, between 2 and 3 p. m.**

Proposal blanks furnished by the undersigned.
M. A. NORRIS,
Acting Secretary Board of Education.

PROPOSALS FOR CARPENTER AND CABINET WORK.

SEALED bids will be received for Carpenter and Cabinet Work, Electric Clocks and Bells and Yale Locks for use in the Girl's High School in open session of the Board of Education, **January 15, 1913, between 2 and 3 p. m.**

Proposal blanks furnished by the undersigned.
M. A. NORRIS,
Acting Secretary Board of Education.

PROPOSALS FOR LUMBER.

LUMBER.—Office of Depot Quartermaster, Seattle, Wash.—Sealed proposals, in triplicate, will be received here until **11 o'clock a. m., January 20, 1913**, for furnishing at Seattle or Tacoma, Wash. or other Puget Sound ports), Portland, Ore., or other Pacific coast ports accessible to vessels of deep draft and for Manila, P. I., 3,517,737 feet, b. m., lumber for the Philippine Islands. For further information address the depot quartermaster, Seattle, Wash.

PROPOSALS FOR CANAL SUPPLIES.

PROPOSALS for Steel Reinforcing Bars, Journal Bearings, Steel Wire, Pipe Fittings, Hammers, Reamers, Taps, Rivets and Nuts, Chain Blocks, Tackle Blocks, Coal Baskets, Hose Valves, Cocks, Steam Gauges, Engine Gongs, Bars, Lantern Globes, Window Glass, Packing Twine, Towels, Water Coolers, Spoons, Dishes, Cheesecloth, Silica Wash, Silica Grit, and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, 1800 an Canal Commission, Washington, D. C., until **10:30 a. m., January 20, 1913**, at which time and place they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 753) may be obtained from this office or the office of the assistant purchasing agent, 1066 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. A., general purchasing officer.

PROPOSALS FOR SCHOOL BUILDINGS.

THE BOARD OF EDUCATION of the City of Oakland, State of California, requests and will receive Proposals or bids for the furnishing of all the materials, labor and workmanship required in connection with the construction and completion of a one (1) story and basement reinforced concrete and wood frame School Building containing Seven Class Rooms, Kindergarten, Manual Training, Principal's Rooms, Teachers' Rooms, Club Rooms, Assembly Room, etc., to be known as the Thirteenth Avenue School Building, to be erected on the block of land situated on the east side of 13th avenue, between East 37th street and East 38th street, in the City of Oakland, California.

All said materials, labor and workmanship is to consist of that required by, and be in accordance with the plans, drawings, and specifications prepared therefor and on file in the office of John J. Donovan, the Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the city through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Thirteenth Avenue School Building," addressed to the Board of Education, and deposited by the bidder, or his agent, with the Board, while in session, between **1:30 o'clock and 5:30 o'clock, Pacific Time, on the 20th day of January, 1913**, in the rooms of the Board in the City Hall Annex, No. 1728 Broadway, Oakland, California, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Board.

The contract for the furnishing of all the labor and material entering into the construction and completion of the work, including plumbing, heating, ventilating, electric work and all equipment indicated on the drawings or called for in the specifications is to be let or awarded as a whole or General Contract, but each bidder shall at the time of submitting his proposal

to the Board, deliver and deposit in the care of said Board, in a separate sealed cover addressed to the Supervising Architect, a sub-division of his proposal on a form which will be furnished the bidder, and which shall show a true estimate for all the work included in each of the following groups or branches into which the specifications are sub-divided, together with a list of the subcontractors in each of the various groups of the work to whom the bidder proposes to sublet such portions, viz.:

- 1, Preparation of Site; 2, Structural Iron and Steel; 3, Concrete, Plain and Reinforced; 4, Brick and Terra Cotta; 5, Paving; 6, Composition Roofing; 7, Rough Carpentry and Mill Work; 8, Sheet Metal; 9, Architectural Metal; 10, Lath and Plaster; 11, Glass and Glazing; 12, Painting; 13, Finish Hardware; 14, Plumbing and Gas Fitting; 15, Blackboards; 16, Heating and Ventilation; 17, Electric Wiring.

No proposal or bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank R. Thompson, City Clerk, in an amount not less than ten per centum (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the city if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the city and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of award.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Board in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

By order of the Board of Education of the City of Oakland, California.

Dated December 26, 1912.

R. B. S. YORK,

Secretary of the Board of Education of the City of Oakland.

NOTICE TO BIDDERS.

NOTICE is hereby given by the High School Board of Galt Joint Union High School District of Galt, California, that sealed bids will be received by the Clerk of said Board in the temporary school building in the City of Galt up to the hour of 10 a. m. on the 14th day of January, 1913, at which time and place the said bids will be opened for the furnishing of labor and materials to complete a certain building for the Galt Joint Union High School District.

Bids shall be for the erection and construction and the furnishing of all and every kind and sort of labor and material according to the plans and specifications, which may be seen at the office of C. H. Russell, Architect, at his office in the Humboldt Bank Building, San Francisco, California, during business hours, and which will comprise everything necessary to complete the building described and designated in said plans and specifications, exclusive of the heating and ventilating systems.

Bids will be received in accordance

with the plans and specifications referred to, for a heating and ventilating system complete, including all oil burners, for said building.

Bids will be received in accordance with the plans and specifications referred to, for a program clock system complete, for said building.

Each bidder must accompany his bid by a certified check payable to Wallace B. Sawyer, Clerk of the Board, or certificate of deposit for not less than 10% of the amount of his highest bid, conditioned that the successful bidder shall enter into a contract in accordance with such bid, and file with said High School Board, the bond to be approved by them, within ten days after the acceptance of his bid, which bond shall be conditioned for the faithful fulfillment of the contract entered into and to be for at 50% of the amount of the contract price for the work to be done thereunder.

All work to be done and material furnished shall be in accordance with the plans and specifications herein specified, and all bids hereunder will be opened at the hour of 10 o'clock a. m. on the 14th day of January, 1913, by said High School Board in their office in the temporary high school building of Joint High School District.

All bids must be submitted on forms obtained from the Architect, C. H. Russell; a deposit of \$20.00 will be required for each set of plans and specifications taken from the office of the Architect; this deposit to be refunded to the bidder upon return of the plans and specifications.

The High School Board reserves the right to reject any and all bids.

Dated December 19, 1912.

By order of the Joint Union High School Board of Galt Joint Union High School District.

By WALLACE B. SAWYER, Clerk.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M. Saturday, January 18, 1913, for the following work:

Contract No. 20.

For the erection and construction of a Light Ship and Approach thereto in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$25.00 in cash, which will

be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M. Thursday, January 9, 1913, for the following work:

For the construction of Sanitary and Storm Sewers in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M. Tuesday January 28, 1913, for the following work:

Contract No. 19.

For the construction of a Service Water Supply System in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER, (*)
Chairman.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M. Tuesday, January 28, 1913, for the following work.

Contract No. 16.

For the construction of a High Pressure Water Supply System in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER, (*)
Chairman.

SAN FRANCISCO.

APARTMENT HOUSES—2, 3 story and base, frame, \$10,000 each. San Francisco. Architect, none. Owner, John Dempiak, 1684 Washington St., S. F. Each of these buildings will have a street frontage of 23 feet and a depth of 83 feet. Interiors will be arranged for four room suites with private baths and wall beds. A central heating system will be installed. Interior finish will be of pine throughout. Some hardwood floors will be used. Bath rooms will have cement floors and tile wainscot. The exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$45,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. This building will be erected on Russian Hill, a section of the city but recently attracting this type of building. Preliminary plans show a structure arranged for 32 suites of two and three rooms each. There will be connecting baths, wall beds, elevator service and a central heating system. Interior will be handsomely finished throughout with pine, redwood, some hardwoods and ornamental plaster. The exterior of the building will be covered with cement plaster on metal lath. Working drawings will not be completed for about thirty days.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, Welsh & Carey,



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Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

Western Metropolis Bank Bldg., S. F. Owner, A. Rosa. The building will be erected at the corner of 28th and Church streets, and is to contain stores on the first floor and twelve two and three room suites on the upper two floors. Interiors will be finished in pine, redwood and elm with some oak floors. A central heating system will be installed. All apartments will have connecting baths and wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and will shortly be out for figures.

APARTMENT HOUSE—4 story and base, brick and steel, \$45,000. San Francisco. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner's name withheld. The building will be erected on Sutter street and will have a street frontage of 40½ feet and a depth of 90 feet. There will be a total of nineteen suites besides the entrance, lobby and reception rooms. Apartments will consist of two and three rooms each with bath and wall beds. There will be steam heat, hot and cold water, a vacuum cleaning system and elevator service. Interior will be finished in pine and elm. Laths will have cement floors and tile wainscot. Ornamental plaster and imported tapestries will be used in the reception room and lobby. Considerable marble and tile are specified. The exterior of the building will be faced

with pressed brick and cement plaster. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$6,000. San Francisco. Architect, D. C. Coleman, Western Metropolis Bank Bldg., S. F. Owner, Mr. Fisher. The dwelling has been designed for an eight-room house with bath rooms and laundry. Interior finish will be of pine, redwood and white cedar. There will be furnace heat and open fire places. Hardwood floors will be used in the principal rooms. Bath room will be finished in tile. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Frank Lapham, 753 3rd Ave., S. F. The house will contain six rooms and bath. Interior finish will be of pine and redwood throughout. There will be an open fire place with tile mantel. Some oak floors will be used. The exterior of the house will be covered with rustic and singles. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, H. C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. A. L. Brownlee. The building will be erected on

Jones street near Washington, and has been arranged for 24 apartments of two and three rooms each with bath and wall beds. Interior finish will be of pine, redwood and elm. There will be a central heating system and a vacuum cleaning plant. Baths will have cement floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures will be taken at once.

SEA WALL CONSTRUCTION—\$195,000. San Francisco. Engineer, Asst. State Engineer, Ferry Bldg., S. F. Owners, State of California. Five bids were received by the State Harbor Commissioners on Monday last for the construction of section 9A of the sea wall and seven bids for section 9B. The Daniel Contracting Co. presented the lowest figures in each case and will probably be awarded the contract. Their bid for section 9A was \$275,700, and for section 9B \$220,000. Sections 9A and 9B of the sea wall will extend from the foot of Harrison street to the foot of King street. Governor Johnson and Mayor Rolph met with the Harbor Commissioners. The next work to be undertaken by the State Board of Harbor Commissioners will probably be the construction of pier 37, which will be erected at the foot of Mason street. This contract will be followed by the construction of pier 39 which will adjoin pier 37. Directly following the letting of these contracts bids will be asked for on the construction of the Ferry Annex, working drawings for which are now being completed by Architect L. B. Dutton, Chronicle Bldg. For a complete list of all figures presented for the sea wall see under San Francisco in this issue.

WAREHOUSE AND SHOP—1 story, steel and corrugated iron, \$5,000. San Francisco. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner, Earl K. Cooley. The building will be erected on Harrison street near 8th, and will cover an area of 40x80 feet. There will be a light steel frame with exterior walls covered with corrugated iron. Floor will be of cement. The front portion of the building is to be occupied by the office and the balance of the space given over to factory and storage space. Plans are complete and the architect is now taking figures on the work.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owners, Hansen and Jacobsen, 1886 McAllister St., S. F. The building will have a street frontage of 25 feet and a depth of 55 feet. There will be two modern flats of five and six rooms each with bath. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the living rooms. Bath and kitchen will be finished in tile. Open fire places and tile or brick mantels are specified. The exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

FLATS—2 story and base, frame, Cost not stated. San Francisco. Architects, Welsh & Carey, Western Metropolitan Bank Bldg., S. F. Owner, N. W. Fay. The building has been designed to contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood with some oak floors. There will be open fire places and tile or brick mantels. The

will be used in the bath rooms and kitchens. The exterior of the building will be covered with cement plaster. Plans are now being prepared.

HOTEL—6 story and base, steel and concrete, \$30,000. San Francisco. Architect, William Mooser, Nevada Bank Bldg., S. F. Owner, Henry Wolff. This building will be erected in the rear of a present structure on O'Farrell street near Jones. There will be in the neighborhood of 65 rooms and a number of baths. The building will have elevator service and steam heat. Hot and cold running water has been provided for all rooms. Interior finish will be of pine and redwood. The exterior will be faced with cement plaster. Plans are complete and a contract will be awarded at once.

HOTEL—7 story and base, brick and steel, \$75,000. San Francisco. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, A. W. Matby. This work has been mentioned in these columns before when working drawings were being prepared. The building will have a street frontage of 52 feet and a depth of 100 feet. Plans provide for two stories on the first floor and a total of 90 guest rooms on the upper floors. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and some hardwoods. Bath rooms will be finished in tile. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

HOTEL—7 story and base. Class C construction, \$65,000. San Francisco. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, W. B. Grosh. The building will be erected on Sutter street west of Powell, and is to contain stores on the first floor besides a large and attractive lobby. The upper floors will be arranged for a total of 80 rooms and baths. Interior finish will be of pine and some hardwood. Bath rooms will be finished in tile. There will be steam heat and elevator service. The exterior will be faced with pressed brick. Plans are being prepared.

BUNGALOW—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, F. Monson, 565 Church St., S. F. The bungalow will contain six rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place in the living room with a tile or brick mantel. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$6,000 each. San Francisco. Architect, none. Owner, W. W. Rednal, 2500 Filbert St., S. F. These houses will each contain 8 rooms and bath. Interior finish will be of pine, redwood and some hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile with composition floors. Automatic water heaters will be installed. The exteriors will be covered with red stock brick veneer and white cement plaster on metal lath. Plans are complete and the work will be done by

Day Labor.

SEWERS—Storm water and sanitary. Cost not stated. San Francisco. Engineer, Engineering Department P. P. I. E., Exposition Bldg., S. F. Owners, Panama-Pacific Exposition Co. Plans for the sanitary and storm water sewer for the Exposition site are complete and out for figures. Bids will be opened on January 9th. One of the next contracts to be awarded by the Exposition Co. will for a service water supply system, plans for which are complete and specifications are being written.

STORES AND OFFICES—10 story and base. Class A construction, \$100,000. San Francisco. Architects, Havens & Toepke, 46 Kearny St., S. F. Owners, A. Meyers and I. Liebes. The present buildings at the corner of Market and Sutter streets are to be demolished and a new and thoroughly modern office building will be erected on the lot. Preliminary plans have been prepared by the architects, but no details of the construction are available at this time. Mr. Liebes states that the new building will have a complete steel frame, and the construction will be fireproof throughout. Exterior walls will probably be faced with pressed brick and terra cotta. Further mention will be made as the plans progress.

Contracts Awarded.

WAREHOUSE—3 story and base, reinforced concrete, \$90,000. San Francisco. Architect's name not given. Owners, American C. Co., Mills Bldg., S. F. Contractors, Clinton Fireproofing Co., Mutual Bank Bldg., S. F. general construction. Contract price, \$80,000. Raymond Concrete Pile Co., foundation work, \$15,000. Note: Mr. Bush, of the American Can Co., is handling the work for the owners.

ASSIGNMENT OF LIEN.

Jan. 3, 1913—S PINE 137-6 E Jones E 94-6XS 137-6 (assigned Oct. 4, 1911 to J. Morey; released Nov. 29, 1912) The Hinchman-Clement Co., Inc to Wm H Chapman.....

Sub-Treasury Bids.

(By Special Wire).

The following is a list of bids on the Sub-Treasury Building to be erected in San Francisco. Bids were opened in Washington yesterday:

Christensen Bros., Oakland,	
Cal.	\$172,600
Wm. H. Maxwell, Phoenix,	
Arizona	425,485
H. L. Klyce, San Francisco	485,000
Grant Fee, San Francisco..	384,300
F. Rolandi, San Francisco.	479,073
Lange & Bergstrom, San	
Francisco	447,825
Campbell Bldg. Co., Salt	
Lake City, Utah.....	404,695
Lewis M. Hicks, San Fran-	
cisco	447,500
Eugene Schuler, Wabpeton,	
S. D.	397,500
Sound Constr. & Eng. Co.,	
Seattle, Wash.	477,188
King Lumber Co., Char-	
lottesville, Virginia	407,437
Frank M. Garden & Co.,	
San Francisco	405,225
Andrew Co., San Francisco	397,400
J. H. Wiese, Omaha, Neb...	411,320

Sea Wall Contracts Go To One Firm.

Bids Opened For Sea Wall Work Are Let to Daniel Contracting Company at Low Figures.

Five bids were received by the State Board of Harbor Commissioners on Monday last for the construction of Section 9A of the sea wall and seven bids for Section 9B. The Daniel Contracting Company presented the lowest figures in each case and will probably be awarded the contract. Their bid for Section 9A was \$275,700 and for Section 9B \$220,000.

Sections 9A and 9B of the sea wall will extend from the foot of Harrison street to the foot of King street. Governor Johnson and Mayor Rolph met with the Harbor Commissioners. The following is a complete list of all figures received:

Constructing Section 9A.

F. Rolandi	\$485,000
Pacific Construction Co.	420,582
Healy-Tibbitts Constr. Co.	297,673
San Francisco Bridge Co.	328,000
Daniel Contracting Co.	275,700

Constructing Section 9B.

Pacific Construction Co.	\$321,100
F. Rolandi	402,000
Healy-Tibbitts Constr. Co.	280,000
Mercer-Fraser Co.	305,600
San Francisco Bridge Co.	277,522
Thompson Bridge Co.	308,000
Daniel Contracting Co.	220,000

The next work to be undertaken by the State Board of Harbor Commissioners will probably be the construction of pier 37, which will be erected at the foot of Mason street. This contract will be followed by the construction of the Ferry Annex, working drawings for which are now being completed by Architect L. B. Dutton, Chronicle Bldg.

Celebrate New Year At The Exchange.

Big Surprise Sprung at the Builders' Exchange When Confetti and Horns Replace Business.

The coming of the New Year was celebrated in the most fitting manner at the Tuesday session of the Builders' Exchange, when all business was abandoned for the time being, and the day given over to festivities. The celebration was a decided innovation but will probably be made one of the features of a San Francisco New Year in the future.

B. R. Walcott is an unusually efficient gatekeeper, but a bunch of Ted Power's Joys slipped through the doors of the Exchange and within a few minutes business had been declared off. Andrew J. Maloney, E. J. Bradon, J. W. Bender, D. O. Church, W. S. Scott, A. W. Lawson, J. E. Steere and Thomas Butcher were the originators of the festivities and secured the consent of President James A. Wilson. A collection was taken up to secure confetti, serpentine and horns. When the party returned from their shopping excursion

a big surprise broke on the late comers.

In far less time than it takes in telling it, everybody had an ear full of noise and a neck full of confetti. Serpentine draped tables, chairs and the light fixtures, and most everybody's neck. The floor of the big room was covered a foot deep with confetti. The best part of the affair, however, was the spirit in which the members entered into the fun. There is no doubt but what more elaborate plans will be laid to welcome the next New Year.

Among those entering into the spirit of the day were the following: Robert Dewar, J. W. Miller, H. E. Drake, Richard Herring, Herbert T. Lynch, L. R. Boynton, R. H. J. Forbes, P. J. Lynch, Charles Hadley, Harry Mondrell, Adam Beck, W. C. Murray, James S. Fennell, George Farrell, Roy Mauvis, Emil Hogberg, Jerry O'Connor, Cruischank, W. S. Scott, Nels Anderson, O. E. Brady, Al Deubrey, M. W. Mowbray, T. F. O'Rourke, E. S. Rainey, Joseph J. Phillips, Harry Larkin, O. L. Meisel, B. R. Walcott, S. A. D. Schenk, Andrew J. Maloney, J. W. Bender, E. J. Bradon, D. O. Church, A. W. Lawson, Capt. Fulford, J. E. Steere and Thos. W. Butcher.

TO BUILDERS AND CONTRACTORS.

Recognized A One Construction Superintendent, General or Carpenter Foreman, Architectural Draftsman and Estimator, with planing mill expw who has been through the mill and can run a general contractor's business with results will be open for position about January, 1913, with progressive firm of contractors who require the services of an all-round man with technical training, who, placed in possession of plans and specifications for any class of construction will suffice to interpret and direct to completion without further comments. Expert in reinforced concrete construction, including cost data, design floor loads, etc. Address Supt., 568 Golden Gate Ave., Apartment 21, S. F. Phone Franklin 7619.

Building Contracts Awarded. San Francisco.

5274 Roberts	Steinauer	900
5275 Gibbs	Brumfield	500
5276 Daiskin	Boukafsky	1000
5277 Potter	Ploeger	400
5278 Knudsen	Knudsen	900
5279 MacDonough	Fennell	500
5280 Joost	Ploeger	2900
5281 Millard	Moren	2270
5282 Buckley	Knowles	5250
5283 Pilger	Hansen	19000
5284 Lettich	Stroth	1418
5285 Walter	Ichter	2500
5286 Gump	Peterson	12652
1 Mann	King	600
2 Mann	Born	9000
3 Quinn	Higginson	1750
4 Standard Oil	Maudrell	410
5 Gump	Guilfo	6566
6 Raphael	Guilfo	1275
7 York	Guilfo	1973
8 Smurnoff	Owner	800
9 Kurz	Kurz	400
10 Cuneo	Cuneo	500
11 Lapham	Lapham	2500
12 Hotelling	Spelt	700
13 Mountroll	Mountroll	1000
14 Sunset	Cox	500
15 Brandt	Osborne	500
16 Henry	Widon	1000
17 Bavar	Davon	700
18 Hansen	Jacobson	5000
19 Hartman	Phillips	1250
20 Cervelli	Pera	4485
21 Fairo	Phillips	7025
22 Gay	Black	1980
23 Sand	Shepard	1790
24 Rednal	Rednal	6000
25 Wolf	Doyal	600

26 Ford	Thunberg	800
27 Cal-Pac Title	Flaher	100
28 MacArthur	MacArthur	1750
29 McGuire	McGuire	1000
30 Schmidt	Schmidt	1000
31 Brown	Brown	2500
32 Knowles	Kenca	500
33 Rednal	Rednal	6000
34 Monson	Monson	2000
35 Miles	Wilkie	2500
36 Chong Hoy	Brandt	6250
37 Halbrook	Maudrell	7620
38 Gray	Hooper	2200
39 Voorman	Ploodberg	11150
40 American Canal	Raymond	15000
41 Cella	Sexton	5000
42 Bancroft	Mcleran	500
43 Jones	Kirby	3800
44 American Canal	Clinton	75350
45 Bradford	Bradford	400
46 Savotti	Savotti	1000
47 Hotel Terminal	Molse	900
48 Ford	Clinton	17000
49 Haas	Ratto	19200

(5274) NO. 1409 BAKER. Alter building into flats.

Owner.....Mrs. Roberts, Premises.

Architect.....None.

Contractor.....Steinauer, 3926 Sacramento, San Francisco.

COST, \$300

(5275) NO. 979 MARKET. Electric sign.

Owner.....Gibbs & Son, Premises.

Architect.....None.

Contractor.....Brumfield Elec. Sign Co., 18 7th, San Francisco.

COST, \$500

(5276) NO. 358 LONDON. Repair fire damage.

Owner.....H. Duskin, Premises.

Architect.....None.

Contractor.....L. N. Boukafsky, 171 16th Ave., San Francisco.

COST, \$1000

(5277) NO. 543 HAYES. New front.

Owner.....M. O. Potter, Phelan Bldg., San Francisco.

Architect.....J. M. Ploeger.

Contractor.....J. M. Ploeger, 3265 26th, San Francisco.

COST, \$400

(5278) E BONVIEW 350 N Eugenia.

One-story and basement frame dwlg.

Owner.....J. Knudsen, 170 Bonview, San Francisco.

Architect.....None.

Day's work.

COST, \$900

(5279) W MASON 62½ N Turk. Erect

brick wall.

Owner.....MacDonough Estate, 318 Kearny (Baldwin Hotel), San Francisco.

Architect.....None.

Contractor.....James S. Fennell, 180 Jessie, San Francisco.

COST, \$500

(5280) SW MISSION AND 20TH S 50

xW 90. Carpenter, iron, tile, painting

glazing, marble, concrete work

for alterations to two-story frame

dwelling.

Owner.....H. Joost, B-16th and

Fruitvale Ave., Oakland.

Architect.....J. M. Ploeger, 3265 26th,

San Francisco.

Contractor.....J. M. Ploeger, 3265 26th,

San Francisco.

Filed Dec. 30, '12. Dated Dec. 30, '12.

Iron work, girders and support

is up \$725 |

Plate glass set 725 |

Completed and accepted 725 |

Usual 35 days 10725 |

TOTAL COST, \$2900

Bond, none. Limit, 50 days. Forfeit,

none. Plans and specifications filed.

(5281) S TWENTY-SEVENTH 28 E
Noe E 26X8 89. All work for one-
story and basement frame residence.
Owner.....Sylvester M. Millard, 575
Elizabeth, San Francisco.
Architect...Fabre & Bearwald, Mer-
chants' National Bank
Bldg., San Francisco.
Contractor...Geo. G. Moren, 125 Falcon
Ave., San Francisco.

Filed Dec. 30, '12. Dated Dec. 26, '12.
Roof on and frame enclosed.....\$560
Brown coated & front completed 560
Completed and accepted..... 560
Usual 35 days..... 590
TOTAL COST, \$2270

Bond, \$1135. Surety, Massachusetts
Bonding & Insurance Co. Limit, 75
days. Forfeit, \$5. Plans and speci-
fications filed.

(5282) S O'FARRELL 162-6 W Lar-
kin S 120X3 48-6. All work for 5-
tory and basement Class "C" rooming
house.

Owner.....Dr. C. F. Buckley, Elkus
Gunst Bldg., S. F.
Architect...M. J. Lyon Co., 127 Mont-
gomery, San Francisco.
Contractor...Knowles & Reichley, 180
Jessie, San Francisco.

Filed Dec. 30, '12. Dated Dec. 11, '12.
Foundation completed to under
side of basement floor joists.....\$6180
Same completed to 1st floor joists 6000
Exterior brick walls and rough
frame up to 3rd floor joists..... 5500
Same up to 5th floor joists..... 5500
Exterior brick walls and rough
frame and roof boards on and
rough plumbing and wiring in..... 5500
Plastering & interior finish done 5500
Completed and accepted..... 5000
Usual 35 days.....13070
TOTAL COST, \$32,250

Bond, \$26,125. Surety, Pacific Coast
Casualty Co. Limit, 200 days. Forfeit,
\$25. Plans and specifications filed.

(5283) S CALIFORNIA 72-6 E Gough
E 32-6X8 100. All work except light
fixtures and steam heating for three
story frame apartments.

Owner.....Hilda Levi and Lucy Pilger
Architect...Milnor Lichtenstein, 111
Ellis, San Francisco.

Contractor...Fred L. Hansen, Monad-
nock Bldg., San Francisco.

Filed Dec. 30, '12. Dated Dec. 27, '12.
Frame up\$3600
Brown coated 3500
Standing finish on 3600
Completed and accepted..... 3550
Usual 35 days..... 4750
TOTAL COST, \$19,000

Bond, \$9500. Sureties, J. W. Anderson
and Nels Larsen. Limit, 120 days.
Forfeit, none. Plans and specifications
filed.

(5284) W FIFTEENTH AVE 250 S
Irving S 25xW 127-6. Labor, lumber,
dewatering felt, building paper, roof-
ing material, pitches, hangers,
rough hardware, rear and basement
stairs for two-story frame residence.
Owner.....Antone Lettlich and E. H.
Hildebrand.

Architect...Ernest Hildebrand, Crocker
Bldg., San Francisco.

Contractor...E. C. Stroth, 477 14th, S. F.
Filed Dec. 30, '12. Dated Dec. 19, '12.

Frame up and roof on..... 354
Brown coated 354
Completed and accepted..... 356
Usual 35 days..... 354
TOTAL COST, \$1418

Bond, \$709. Surety, A. Stroth. Limit,

45 days. Forfeit, \$5. Plans and speci-
fications filed.

(5285) E TWENTY-NINTH AVE 90 N
Geary N 34-5½ in or 1 E 65½ S 8 deg
11 min E 34-7½ W 68-3¾. All work
for one-story and attic frame resi-
dence.

Owner.....Lizzie Walter and Anna
Gogel, 2351 Bush, S. F.
Architect...A. J. Barnett, 583 Cali-
fornia, San Francisco.

Contractor...Emil Lichter and Thomas
Kilkenny, 407 8th Ave.,
San Francisco.

Filed Dec. 30, '12. Dated Dec. 30, '12.
Frame up\$625
Brown coated 625
Standing finish on 625
Completed 625
TOTAL COST, \$2500

Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

(5286) GEARY AND JONES. Plumb-
ing and heating for building.

Owner.....S. and G. Gump Co., 68
Post, San Francisco.

Architect...None.

Contractor...Ira W. Coburn, Hearst
Bldg., San Francisco.

Sub-Contractor...Peterson-James Co.,
710 Larkin, San Francisco.

Filed Dec. 30, '12. Dated Dec. 27, '12.
1st of each month..... 75%

28 days after acceptance..... 25%
TOTAL COST, \$12,652

Bond, none. Limit, as fast as possible.

Forfeit, none. Plans and specifications
none.

(1) W BUCHANAN, 76 S Jackson, W
80x826. Alterations and additions of
flats into residence.

Owner.....Lena Marx, 2447 Buchanan,
San Francisco.

Architect...A. D. Nicholson, 20 Mont-
gomery St., S. F.

Contractor...Chas. King & Co., 34 Ellis
St., S. F.

Filed, Dec. 31, '12. Dated, Dec. 31, '12.
On 1st and 15 of each month.....75%

Usual 35 days 25%
TOTAL COST, \$4000

Bond, \$2000. Sureties D. L. O'Hair.
Forfeit, \$5. Limit, 60 days. Plans and
specifications filed.

(2) LOT 5, WEST CLAY PARK. All
work for two-story and basement
frame building (residence).

Owner.....Harold R. Mann, Security
Building, S. F.

Architect...Geo. A. Born, 636 Market
St., S. F.

Contractor...Geo. A. Born, 636 Market
St., S. F.

Filed, Dec. 31, '12. Dated, Dec. 26, '12.
Frame up\$1750

Brown coated 1750
Standing finish on 1750

Completed 1750
Usual 35 days 2000
TOTAL COST, \$9000

Bond, Sureties, Forfeit, none. Limit,
90 days. Plans and specifications filed.

(3) SE CASTRO AND JERSEY, E 30x
S 85. Carpentry, plaster, plumbing,
painting, hardware, mantels, fix-
tures, shades and glass for altera-
tions to two-story frame building.

Owner.....Jno. Quinn, Premises.

Architect...W. G. Hind, 46 Kearny,
San Francisco.

Contractor...Higginson & Co., 8 Fal-
con Ave., S. F.

Filed, Dec. 31, '12. Dated, Dec. 31, '12.

Brown coated\$437.50

Standing finish on 437.50

Completed 437.50

Usual 35 days 437.50
TOTAL COST, \$1750

Bond Sureties, Forfeit, none. Limit, 75
days. Plans and specifications filed.

(4) NW BUSH AND SANSOME N 137-6
xW 67-6. Painting for ten-story steel
cage Class "A" office building.

Owner.....Standard Oil Co., Sheldon
Bldg., San Francisco.

Architect...B. G. McDougall, Sheldon
Bldg., San Francisco.

Contractor...H. Maundrell, 568 Hayes,
San Francisco.

Filed Dec. 31, '12. Dated Dec. 30, '12.
As work progresses..... 75%

Usual 35 days..... 25%
TOTAL COST, \$4100

Bond, \$2050. Surety, Southwestern
Surety Insurance Co. Limit, Feb. 7, '13.

Forfeit, none. Plans and specifications
filed.

(5) NE GEARY AND JONES. All
sheet metal and roofing work for
Class "C" lodging house.

Owner.....The S. & G. Gump Realty
Co., 268 Post, S. F.

Architect...Milnor Lichtenstein, 105
Ellis, San Francisco.

Contractor...Ira W. Coburn, Inc., Hearst
Bldg., San Francisco.

Sub-Contractor...Guilfoyle Cornice Works
209 Eighth, San Francisco.

Filed Dated Dec. 16, '12.

Payments 1-st of each month... 75%

Building completed 25%
TOTAL COST, \$6666

Bond, limit, forfeit, none.

(6) S SOUTH PARK AND SECOND SE
137-6XSW 122. All sheet metal work
for three-story reinforced concrete
warehouse.

Owner.....Nat. Raphael, 3536 Clay,
San Francisco.

Architect...W. H. Crim, 425 Kearny,
Kearny, San Francisco.

Contractor...F. M. Garden, Co., 251
Kearny, San Francisco.

Sub-Contractor...Guilfoyle Cornice Wks.,
209 Eighth, San Francisco.

Filed Dated Dec. 20, 1912.

1st of each month..... 75%

Building completed 25%
TOTAL COST, \$1275

Bond, limit, forfeit, none.

(7) SW POWELL AND SUTTER. All
sheet metal work for four-story and
basement club house.

Owner.....York Realty Company.

Architect...F. H. Meyer, Bankers' In-
vestment Bldg., S. F.

Contractor...Van Brink, 185 Stevenson,
San Francisco.

Sub-Contractor...Guilfoyle Cornice Wks.,
209 Eighth, San Francisco.

Filed Dated Dec. 21, '12.

1st of each month..... 75%

Building completed 25%
TOTAL COST, \$1973

Bond, limit, forfeit, none.

(8) W RHODE ISLAND 125 S 18th.
One-story and basement frame dwlg.

Owner.....A. Smurnoff, 825 Rhode
Island, San Francisco.

Architect...None.

Day's work..... COST, \$800

(9) NE ANNA LANE AND EDDY. Re-
pairs in basement.

Owner.....J. Kurz, 36B Eddy, S. F.

Architect...Arthur G. Scholz.
Day's work. COST, \$100

(10) NOS. 43-45-47 GRANT AVE. Repair windows.
Owner.....Cunco Estate, 241 Kearny, San Francisco.
Architect...W. D. Shea, 241 Kearny, San Francisco.
Day's work. COST, \$500

(11) E FIFTEENTH AVE 120 S Anza. Two-story and basement frame residence.
Owner.....Frank Lapham, 575 3d Ave. San Francisco.
Architect...None.
Day's work. COST, \$2500

(12) NO. 1900 FRANKLIN. Garage in basement.
Owner.....Mrs. T. J. Hotelling, Prem.
Architect...None.
Contractor...A. W. Spelt, 539 Day, S. F.
COST, \$700

(13) E MOULTRIE 100 S Powhattan. One-story and basement frame dwlg.
Owner.....P. W. Mountroil, 255 Moultrie, San Francisco.
Architect...None.
Day's work. COST, \$1000

(14) W FIFTEENTH AVE 175 N Irving. Two-story and basement frame dwelling.
Owner.....Sunset Home Realty Co., 1215 5th Ave, S. F.
Architect...None.
Contractor...Cox Bros., 1375 9th Ave., San Francisco.
COST, \$4000

(15) NW BUCHANAN AND HICKORY. Repair foundation and alter store.
Owner.....C. Brandt, 2231 Pacific Ave. San Francisco.
Architect...None.
Contractor...A. Osborne, 1224 Spruce, Berkeley.
COST, \$500

(16) NE DEVISADERO AND ELLIS. Move and repair dwelling.
Owner.....J. M. Henry, Sausalito, Cal.
Architect...None.
Contractor...Chas. F. Weldon, 4202 23rd, San Francisco.
COST, \$1000

(17) NW LOMBARD AND SCOTT. Repair fire damage.
Owner.....P. F. Davar, 2400 Lombard, San Francisco.
Architect...None.
Day's work. COST, \$700

(18) NW GREEN AND HAMLIN. Two story and basement frame flats.
Owner.....Hansen & Jacobsen, 1986 McAllister, San Francisco.
Architect...None.
Day's work. COST, \$5500

(19) LOT 10 BLK 3 Ocean View Park Tract. All work for one-story and basement frame building.
Owner.....Aura and Oliver Hartman.
Architect...None.
Contractor...J. H. Phillips, 228 23rd Ave., San Francisco.
Filed Jan. 2, '13. Dated Dec. 23, '12.
Frame up\$100
Plaster on 400
When finished 250
Usual 35 days. 200
TOTAL COST, \$1250

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(20) W FILLMORE 30 N Lombard N 30xW 110. All work for two-story frame store and flat.
Owner.....N. Cervelli, 3303 Fillmore, San Francisco.
Architect...Chas. Fantoni, 628 Montgomery, San Francisco.
Contractor...V. Pera, 211 Buchanan, San Francisco.

Filed Jan. 2, '13. Dated Dec. 21, '12.
Roof on\$121.25
Brown coated 1121.25
Completed 1121.25
Usual 35 days. 1121.25
TOTAL COST, \$4485.00

Bond, \$2242.50. Surety, Rizieri Pera. Limit, 70 days. Forfeit, \$5. Plans and specifications filed.

(21) S TWENTY-THIRD 25 W York W 50 S 36 W 25 S 68 E 75 N 104. Alterations, reconstruction and erection to make a two-story frame building (bakery and flat).
Owner.....Ferro Bros., 2813 23rd, San Francisco.
Architect...C. Fantoni, 628 Montgomery, San Francisco.
Contractor...N. Filippis, 403 Green, S. F.
Filed Jan. 2, '13. Dated Dec. 31, '12.

Structural steel in place.....\$1200
Roof on 1200
Brown coated 1200
Completed and accepted..... 1665
Usual 35 days. 1757
TOTAL COST, \$7025

Bond, \$3513. Surety, American Bonding Co. of Baltimore. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

(22) NW FOURTH AND MINNA N 30 W 75. Excavating, brick, concrete, carpenter, steel, lath and plaster, mill work, hardware, stairs, roofing, galvanized iron, glazing and marble, etc., for four-story and basement Class "C" brick lodging house.
Owner.....Mrs. Mary Gay.
Architect...Havens & Toepke, 46 Kearny, San Francisco.
Contractor...Wm. J. Black, 475 Fair Oaks, San Francisco.

Filed Jan. 2, '13. Dated Dec. 28, '12.
Foundation wall in and 1st floor joists up\$2480
Brick walls up to and 3rd floor joists on 2500
Brick work completed and roof on, etc. 2500
White coated and standing finish on 2500
Completed 2500
Usual 35 days. 4500
TOTAL COST, \$16,980

Bond, \$5500. Surety, Southwestern Surety Insurance Co. Limit, 100 days. Forfeit, \$20. Plans and specifications filed.

(23) PLUMBING, GAS FITTING, sawing, etc., on above.
Contractor...Shepard Bros., California and Kearny, San Francisco.
Filed Jan. 2, '13. Dated Dec. 30, '12.
Rough gas and water pipes roughed in & sewers connected.....\$670
Completed 575
Usual 35 days. 150
TOTAL COST, \$1790

Bond, \$900. Surety, U. S. Fidelity & Guaranty Co. Limit, fast as possible. Forfeit, none. Plans and specifications filed.

(24) E ASHBURY 81 W Congress.

Two-story and basement frame dwlg.
Owner.....W. W. Rednall, 2500 Philbert, San Francisco.
Architect...None.
Day's work. COST, \$6000

(25) E NAPLES 75 S Persia. One-story frame bottling shed.
Owner.....Peter Wolff, 507 Naples, San Francisco.
Architect...None.
Contractor...H. E. Doyal, 291 Paris, S. F.
COST, \$600

(26) NO. 816 PAGIE. Move residence.
Owner.....Miss Toft, Premises.
Architect...None.
Contractor...Oscar W. Thunberg, 675 9th Ave., San Francisco.
COST, \$800

(27) NW SUTTER & MONTGOMERY. Alter offices.
Owner.....California Pacific Title Co., 105 Montgomery, S. F.
Architect...None.
Contractor...M. Fisher, 105 Montgomery, San Francisco.
COST, \$400

(28) W PARIS 125 S Persia. One-story and basement frame dwelling.
Owner.....MacArthur Bros., 1560 Fell, San Francisco.
Architect...None.
Day's work. COST, \$1750

(29) NE EXCELSIOR 75 S Naples. One-story and basement frame dwlg.
Owner.....J. J. McGuire, 525 Excelsior, San Francisco.
Architect...None.
Day's work. COST, \$1000

(30) E ELLSWORTH 75 N Powhattan. One-story and basement frame dwlg.
Owner.....John C. Schmidt, 116 Ellsworth, San Francisco.
Architect...None.
Day's work. COST, \$1000

(31) SE McCORMICK AND PACIFIC. Two-story frame store and flat.
Owner.....Samuel Brown, 19 Morrell Place, San Francisco.
Architect...None.
Contractor...Matthew Brown, 19 Morrell Place, San Francisco.
COST, \$2500

(32) NO. 218 CLIPPER. Repair dwlg.
Owner.....J. Knowles, Premises.
Architect...None.
Contractor...M. C. Rench, 1422 5th Ave., San Francisco.
COST, \$500

(33) N ASHBURY 53-75 W Congress. Two-story and basement frame dwlg.
Owner.....W. W. Rednall, 2500 Philbert, San Francisco.
Architect...None.
Day's work. COST, \$6000

(34) E TENTH AVE 200 N Otsego. One and one-half-story and basement frame dwelling.
Owner.....P. Monson, 865 Church, San Francisco.
Architect...None.
Day's work. COST, \$2000

(35) SE SUTTER AND OCTAVIA. Alterations and additions to frame residence.
Owner.....Mrs. S. C. Miles, 1567 Octavia, San Francisco

"TRIANGLE MESH"

The Universal Fabric

TWICE AS MUCH
"TRIANGLE MESH"

IS SOLD IN THE U. S. AS ALL
OTHER FABRICS PUT
TOGETHER.

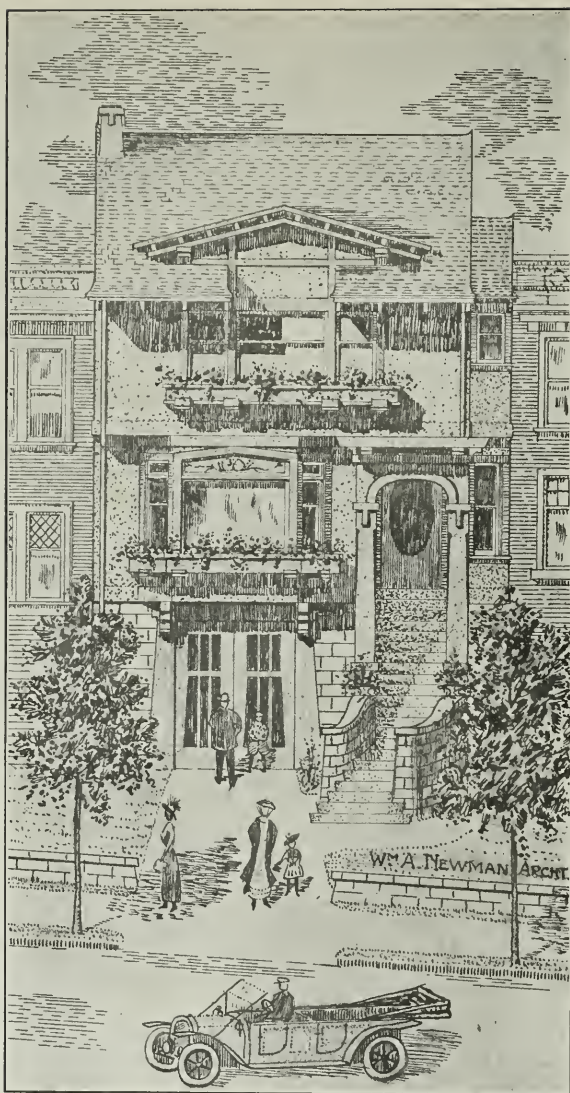
All the Sincerity, the Prestige and the immense Manufacturing Facilities of the "United States Steel Corporation" stand behind **"TRIANGLE MESH"** and ensure to the Designer the Builder and the Owner the Integrity of the Structure in which **"TRIANGLE MESH"** is used.

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OF THE FABRIC SOLD IN
NEW YORK CITY IS
"TRIANGLE MESH"

The Lilley & Thurston Co.

RIALTO BUILDING,

SAN FRANCISCO

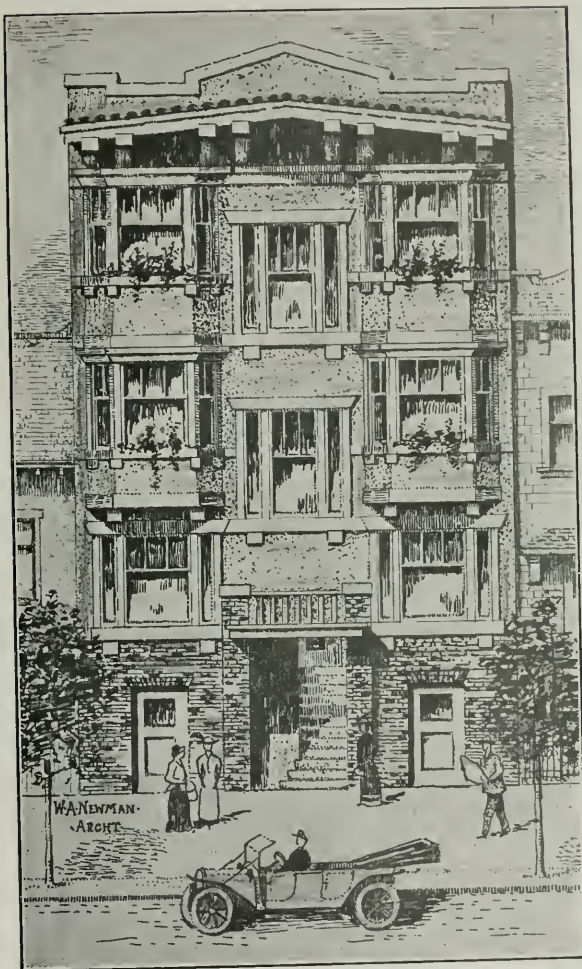


A MODERN CITY RESIDENCE FOR R. H. KEATON
San Francisco

William A. Newman, Architect
San Francisco

Building and Industrial News.
January 7, 1913

PLATE A



SIX MODERN APARTMENT FLATS
San Francisco

William A. Newman, Architect
San Francisco

Architect...Jas. Plachek.
Contractor...Andrew Whittle Co., S. F.
National Bank Bldg., S. F.
Filed Jan. 3, '13. Dated Dec. 26, '12.
Owner to pay all bills for labor and material after approval by architect and to pay contractor 10% of total cost. Said total cost including contractor's fees not to exceed\$2500
TOTAL COST, \$2500
Bond, none. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(36) W STONE 57-6 N Washington 20 x50. All work for three-story reinforced concrete building.
Owner.....Chong Hoy.
Architect...Smith & Stewart, 244 Kearny, San Francisco.
Contractor...Brandt & Stevens, 402 Kearny, San Francisco.
Filed Jan. 3, '13. Dated Dec. 27, '12.
Payments every 30 days commencing December 27, 1912 of 75%
TOTAL COST, \$6250
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(37) N SUTTER 122-9 W Sansone W 122-3xN 137-6. Painting for reinforced concrete building.
Owner.....Chas. Holtbrook.
Architect...Macdonald & Applegarth, Call Bldg., San Francisco.
Contractor...H. Maundrell, 568 Hayes, San Francisco.
Filed Jan. 3, '13. Dated Dec. 19, '12.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$7620
Bond, \$3810. Sureties, J. W. Miller and R. Dewar. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(38) S CALIFORNIA 82-6 W 30th Ave W 25xS 100 OL 152. All work for one and one-half-story frame cottage.
Owner.....John Gray, 1248 Broderick, San Francisco.
Architect...None.
Contractor...Byron J. Hooper, 2226 Anza San Francisco.
Filed Jan. 3, '13. Dated Dec. 30, '12.
Frame up\$550
Brown coated 550
Completed 550
Usual 35 days..... 550
TOTAL COST, \$2200
Bond, limit, forfeit, none. Plans and specifications filed.

(39) NE FOURTH AND MISSION N 50xNE 50. Lathing and plastering for seven-story and basement Class "C" store and hotel building.
Owner.....The Voorman Co., 110 Market, San Francisco.
Architect...Washington J. Miller, 45 Kearny, San Francisco.
Contractor...Floodberg & McCaffery, Monadnock Bldg., S. F.
Filed Jan. 3, '13. Dated Dec. 30, '12.
1st and 15th of each month..... 75%
Usual 35 days.....Balance
TOTAL COST, \$11,150
Bond, \$5575. Surety, Pacific Coast Casualty Co. Limit, none. Forfeit, none. Plans and specifications filed.

(40) NE NINETEENTH & TREAT AV Pile foundation for three-story reinforced concrete warehouse.
Owner.....American Can Co., Mills Bldg., San Francisco.

Engineer...N. M. Loney, 447 W-11th, New York.
Contractor...Raymond Concrete Pile Co Chicago, Ill.
COST, \$15,000

(41) W ARGUELLO BLVD 100 N Hugo. Two-story and basement frame flats.
Owner.....Louis Cella, 25 Cortland, San Francisco.
Architect...John J. Foley, Monadnock Bldg., San Francisco.
Contractor...Wm. Sexton, 472 Jersey, San Francisco.
COST, \$5000

(12) S MARKET near Third. Install doors.
Owner.....Paul Bancroft.
Architect...None.
Contractor...McLeran & Peterson, Williams Bldg., S. F.
COST, \$500

(43) W FIFTEENTH AVE 50 S Anza. Two-story and basement frame dwlg.
Owner.....Kirby & Jones, 3947 18th, San Francisco.
Architect...None.
Contractor...J. C. Kirby, 3947 18th, S. F.
COST, \$3800

(44) —NINETEENTH AND HARRISON 100x230. All work for three-story reinforced concrete warehouse.
Owner.....American Can Co., Mills Bldg., San Francisco.
Engineer...N. M. Loney.
Contractor...Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Filed Jan. 4, '13. Dated Jan. 3, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$75,350
Bond, \$37,675. Surety, Globe Indemnity Co. Limit, 75 days after concrete piles are driven. Forfeit, none. Plans and specifications filed.

(45) NO. 1188 MARKET. Remove and replace with gates.
Owner.....Bradford Novelty Machine Co., 2142 Market, S. F.
Architect...None.
Day's work.....
COST, \$400

(46) S JENNINGS 75 W Palou. One-story and basement frame dwelling.
Owner.....L. Savotti, 679 Green, S. F.
Architect...Paul De Martini, 451 Columbus Ave., S. F.
Day's work.....
COST, \$1000

(47) NO. 60 MARKET. Electric sign.
Owner.....Hotel Terminal Co., Prem.
Architect...None.
Contractor...Moise-Klinkner, 1212 Market, San Francisco.
COST, \$900

(48) SW TWENTY-FIRST & HARRISON. Five-story and basement reinforced concrete automobile factory.
Owner.....Ford Motor Car Co, 100 Van Ness Ave., S. F.
Architect...John Graham, Seattle, Washington and 100 Van Ness Ave. San Francisco.
Contractor...Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
COST, \$171,000

(49) N FULTON 110 W Franklin W 27-6xN 120. All work for three-story and basement frame apartments.

Owner...Louis S. Haug, 1163A Howard, San Francisco.
Architect...C. O. Clausen, Plachan Bldg., San Francisco.
Contractor...Hatto & Glanville, 232 Hartford, San Francisco.
Filed Jan. 4, '13. Dated Dec. 26, '12.
Frame up\$4800
Brown coated 1800
Completed and accepted..... 4800
Usual 35 days..... 4800
TOTAL COST, \$13,200
Bond, \$10,000. Sureties, O. Glanville and E. V. Lucy. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Dec. 28, 1912—NW ARLINGTON 125 NE Mateo NE 25xNW 100, Lot 23 Henaries Sub Blk 9, Fairmont Tct. Victor Bjors to whom it may concernDec. 24, 1912
Dec. 28, 1912—S ELIZABETH 92-6 W Castro W 22-6xS 114. Tina Hinkel to Benjamin and Arthur Hinkel.Dec. 21, 1912
Dec. 28, 1912—SE MISSION 150-4 NE Second NE 49-8 SE 160 SW 5-8 NW 80 NE 9 NW 80. Geo W Brooks to Mangrum & Otter, Dec. 23; Decker Elec Co, Dec. 23, Pacific Fire Ex Co.....Dec. 26, 1912
Dec. 28, 1912—S SIDE BLK BDED by Jones, California, Sacramento and Taylor, Grace Cathedral Cpn to E M Huie & Co.....Dec. 26, 1912
Dec. 28, 1912—SW TWENTY-SIXTH and Dolores S 26-6xW 114. Conrad W and Ida M Carlson to whom it may concernDec. 27, 1912
Dec. 27, 1912—S LAKE 50-6 E 18th Ave E 27xS 84. Kate H Stevens to Luigi Segale.....Dec. 26, 1912
Dec. 31, 1912—NE MASON & LATHAM, N 60xW77-6. Joseph Estate Co. to G. P. W. Jensen, Dec. 31, 1912
Dec. 31, 1912—E PENNSYLVANIA, 125 N 19th, E100xN25. James and Julia Gaffney to Jas. F. McCarthy.....Dec. 30, 1912
Dec. 30, 1912—S TWENTY-EIGHTH 70 W Guerrero W 30xS 51-6. Emma Dahlgren to whom it may concernDec. 28, 1912
Dec. 30, 1912—S ELLERT 125 W Bennington W 25 S 87 E 25 N 87-6. Michael J Estilita to New Era Bldg CompanyDec. 30, 1912
Dec. 26, 1912—SE BUSH & GRANT Ave S 120 E 68-6 N 60 E 6 ln. N 60 W 69. M Fleishacker to McLeran & PetersonDec. 20, 1912
Dec. 30, 1912—LOT 60 Map of De Martini Tct. James J Cline to New Era Bldg CoDec. 20, 1912
Dec. 30, 1912—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-2 W 67-6 N 46-1 E 137-6 to beg. John A Lennon to M V Brady, Dec. 30, 1912
Dec. 30, 1912—N MARKET 26-6% W Front — 92-8 r a W 137-6 r a S 92-8 E 137-6. A B Spreckels to Ideal Cornice Works.....Dec. 7, 1912
Dec. 31, 1912—NW HUSH & SANBOME N 137-6xW 67-6. Standard Oil Co to The McGilvray Stone Co, Dec. 27, 1912; Arthur Arlett.....Dec. 24, 1912
Dec. 31, 1912—Commencing at point 26-6% NW MARKET AND FRONT th r a 92-8 W 137-6 S 92-8 E 137-6. A. B. Spreckels to W. G. GilmourDec. 31, 1912
Jan. 2, 1913—COMM' 26-6% from In-

Intersection NW Market and Front
r a 92-s along W Front W 137-6 S
92-s 137-6, A H Speckels to Pacific
Fire Extinguisher Co., Dec. 31, '12
Jan. 2, 1913—SE RUSH AND GRANT
Ave S 120 E 68-6 N 60 E 6-6 N 60 W
69, M Fleishacker to Joseph
Pasqualetti (S F Concrete Co.),
.....Nov. 29, 1912
Jan. 2, 1913—N LOMBARD 110 W
Fillmore W 51-6XN 90, G Palacin
to Peter Hansen,.....Dec. 31, 1912
Jan. 2, 1913—LOT 16 SUB W 1/2 O L
Blk 285, Leonard T Pockman and
Adolph Rosenzweig to whom it
may concern,.....Dec. 30, 1912
Jan. 2, 1913—NW EDINBURGH 100
NE Persia Ave NE 25XNW 100,
Joseph and Rose Varni to Ward C
Brown,.....Dec. 28, 1912
Jan. 3, 1913—OAK 288-6 W Frank-
lin 45-10x120, Mary L Curley to
Otto Carson Co.,.....Jan. 3, 1913
Jan. 3, 1913—W RHODE ISLAND 100
S 24th S 25XW 100, Owen J Gal-
lagher to W H Morphy,.....Dec. 27, 1912
Jan. 3, 1913—SE LONDON 150 NE
France Ave NE 25XSE 100 Lot 3
Blk 10, Excel Hd, George Henry
and Celestine Elizabeth Schlink to
George Henry Schlink, Dec. 31, 1912
Jan. 3, 1913—SW SIXTH 25 SE Mi-
ssion SE 60XSW 75, Edw H Mitchell
to Central Iron Works, Jan. 2, 1913
Jan. 3, 1913—N PINE 119-2 W Stock-
ton W 38-4XN 59-6, Albert J Adkins
to Finn Anderson,.....Jan. 2, 1913
Jan. 3, 1912—NE LOMBARD AND
Jones, Giovanni Chiappe to whom
it may concern,.....Dec. 10, 1912
Jan. 3, 1913—SE FRONT AND WASH-
ington, Doyle Estate Co to Theo
S Hoin,.....Dec. 31, 1912

LIENS FILED.

San Francisco.

Dec. 21, 1912—E SECOND Ave 175 N
Anza N 25XE 120, H D Fuller & Co
vs F D Weston & Florence Rogers
.....\$64.90
Dec. 23, 1912—E MANCHESTER 150 S
Bessie S 25XE 80, Louis Henzel vs
Salvatore Navara\$263
Dec. 27, 1912—SW GOLDEN GATE
Ave and Pierce W 27-6XS 110,
Pope & Talbot vs Chas H and
Nellie V Waldmann and Felix
Marcuse\$1469.62
Dec. 27, 1912—W WEBSTER 75 N
Sutter N 66-8XW 100, P A Donohue
vs Mathilde Propfe and The El
Dorado Bldg Co.,.....\$69
Dec. 27, 1912—SE MISSION 45-10 NE
Beale NE 45-10XE 137-6, Hodge
Draying Co vs Rachael Drossner
and E T Leiter,.....\$46
Dec. 26, 1912—S CALIFORNIA 137-6
W Laguna W 55XS 137-6, L C Ma-
son vs Grantland B Vobries Co
and Jane Doe Hall,.....\$83
Dec. 28, 1912—E BRYANT 113-9 E
Third E 28-9XN 80, C E Wheeland
vs Della Monahan,.....\$140
Dec. 28, 1912—E THIRTY-SEVENTH
Ave 125 N Irving (I) N 25XE 100,
G Rizzo vs C Bellanca,.....\$246.20
Dec. 28, 1912—SW GOLDEN GATE
Ave and Pierce W 27-6XS 110, P H
Muthley & Son, \$248; Schwarz &
Gottlieb, Inc, \$295.25; M Dempsey,
\$62.50; C S Newell, \$28.75; T J
Cline, \$456.85 vs Chas H and Nellie
V Waldmann and Felix Marcuse..
Dec. 30, 1912—SW GOLDEN GATE
Ave and Pierce W 27-6XS 110, Pa-
nama Elec Co and Wm A Fagan vs

C H and Nellie V Waldmann, \$350.50
Jan. 2, 1913—E COMMONWEALTH
Ave 350 N Euclid Ave N 40 m or 1 s
E 120, J N Eynearl vs Antoinette
Potter\$189

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and
base, frame, \$10,000, Oakland, Cal.
Architect Al J. Mazurette, 1522 Broad-
way, Oakland. Owner, Roger Coit. The
building has been designed to contain
12 modern apartments of three and
four rooms each. All suites will have
private baths, wall beds and separate
entrances. Interior finish will be of
pine, redwood and hardwood. There
will be steam heat. Bath rooms will
be finished in tile. A vacuum cleaning
system will be installed. The exterior
of the building will be covered with
cement plaster and veneer stone. Plans
are complete and the work will be
done by Day Labor.

RESIDENCE—2 story and base,
frame, \$3,800, Oakland, Cal. Archi-
tect, George Anderson, 5456 College
Ave., Oakland. Owner, J. Anderson.
The house will contain seven rooms
and bath. Interior finish will be of
pine and redwood with some oak floors.
There will be furnace heat and open
fire places. Mantels will be of tile or
brick. The exterior of the dwelling
will be covered with cement plaster
on metal lath. Plans are complete and
the work will be done by Day Labor.

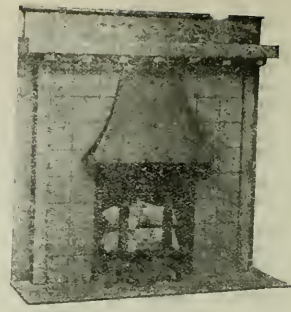
SCHOOL—1 story and base, rein-
forced concrete, \$70,000, Oakland, Cal.
Architect, J. J. Donovan, Security
Bldg., Oakland. Owners, City of Oak-
land. This building will be known as
the 13th Avenue School and will be
similar in design to a number of
others recently erected in Oakland.
There will be six class rooms and an
assembly hall. A central heating sys-
tem will be installed. The exterior will
be faced with cement plaster and the
roof will be of red clay tile. Plans are
complete and have received the ap-
proval of the Board of Education. Bids
are being taken and will be opened by
the Board on January 20th. Plans and
complete information may be secured
from the Supervising Architect, J. J.
Donovan.

RESIDENCES—S, 1 and 2 story and
base, frame, \$2,500 to \$4,000, Oakland,
Cal. Architect, Al J. Mazurette, 1522
Broadway, Oakland. Owner, Roger
Coit. These houses will be erected in
the neighborhood of Broadway and
Kales street. Mr. Coit is a well known
Oakland builder, and he will erect the
dwellings for sale. The one-story
houses will contain from five to seven
rooms and the two-story structures
from six to eight rooms. Interior fin-
ish will be of pine, redwood and hard-
woods. Oak floors will be used exten-
sively. The better type houses will
have furnace heat and all will have
open fire places with brick or tile
mantels. Plans are being prepared
and as rapidly as completed the work
will be started under the Day Labor
system.

Building Contracts Awarded.

Oakland.

3887 EnchAnderson 9390
1 ClarkBaxter 2355
2 ReidGriffin 1650



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager

Mantels, Grates and Tiles. Fire Sets, Andirons
Portable Baskets and Grates, Floor and
Wall Tiling in Original Designs.

1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone Oakland 8622

3	Jackson	.....Junk	3720
4	Standard Oil	.....Mandrell	4100
5	Halv	.....Haly	1500
8	Hansen	.....Hansen	2000
9	Costodia	.....Costodia	1600
10	Anderson	.....Anderson	800
11	Keating	.....Keating	1500
12	Parker	.....Parker	600
13	Rhodes	.....Rhodes	1800
14	March	.....St. Mary	1000
15	Mulverhill	.....Owner	1200
16	McClain	.....Geary	2400
17	Alder	.....Taylor	1500
18	Reeves	.....Guldner	1400
19	Devost	.....Sommarstrom	5000
22	Bridges	.....Peterson	404
23	Oakland	.....Ackerson	67000
24	Oakland	.....Ackerson	87000
25	Butler	.....Biel	6091
26	Will	.....Hostler	509
27	McClain	.....Geary	2362
27	Forum	.....Kulchar	400
28	Duncan	.....Duncan	400
29	Walker	.....Goodmundson	400
30	Sheridan	.....Sheridan	2500
41	Weidel	.....Weidel	2500
42	Hutchinson	.....Owner	2000
43	Eschweiler	.....Owner	1600
44	Helmond	.....Helman	400

(3887) S TWELFTH 100 from E line
Oak E 75XS 100, Oakland. All work
for two-story brick out to repair shop.
Owner,.....Mrs. F. Ench, 2525 10th
Ave., Oakland.

Architect...William Wilde, Albany
Block, Oakland.

Contractor...E. Andersen, San Leandro.

Filed Dec. 30, '12. Dated Dec. 21, '12.

1st day of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$3390

Bond, \$5000. Sureties, Fred Schmidt &
J. S. Bettencourt. Limit, 40 days. For-
feit, \$5. Plans and specifications filed.

(1) N LINDA AVE 50 E Kingston
Ave., Piedmont. All work for one-
story frame dwelling.

Owner,.....Mrs. W. T. Clark, Piedmont
Architect.....None.

Contractor, D. M. Baxter, 2824 Sum-
mit, Piedmont.

Filed Dec. 30, '12. Dated Dec.

Frame up\$500

1st coat mortar on.....600

Completed684

Usual 35 days.....571

TOTAL COST, \$2355

Bond, limit, forfeit, none. Plans and
specifications filed.

(2) SE OLIVE on ppty formerly known as Schwartz Tract, Newark. All work for one-story five-room frame dwelling.

Owner.....Mrs. Alice Reid.
Architect...None.

Contractor...P. C. Griffin & Sons.

Filed Dec. 30, '12. Dated Dec. 26, '12.
Frame up 1/4
1st coat plaster on 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$1650

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(3) LOT 25 BLK 9 Map Fourth Ave. Terrace, Oakland. All work for two-story and basement frame dwellings.

Owner.....Samuel E. and Lelia May Jackson, 1328 Broadway, Oakland.

Architect...None.

Contractor...Junk-Riddell Investment Co., Berkeley National Bk. Bldg., Berkeley.

Filed Dec. 30, '12. Dated Dec. 26, '12.
Contract recorded \$1182.50
Brown coated 787.50
Completed and accepted..... 875.00
Usual 35 days..... 875.00

TOTAL COST, \$3720.00

Bond, none. Limit, 90 days. Forfeit, \$250. Plans and specifications filed.

(4) E THIRTY-FIRST 300 E 14th Ave., Oakland. One-story 5-room dwelling

Owner.....Geo. H. S. Haly, 201 Union Savings Bank Bldg., Okd.

Architect...None.

Day's work. COST, \$1500

(5) S THIRTY-FIRST 340- E 14th Ave., Oakland. One-story five-room dwelling.

Owner.....Geo. H. S. Haly, 201 Union Sygs Bank Bldg., Okd.

Architect...None.

Day's work. COST, \$1500

(8) E CROFTON AVE 350 S Boulevard Oakland. One-story 5-room dwelling

Owner.....H. A. Hansen, 2211 Elsworth, Oakland.

Architect...None.

Day's work. COST, \$2000

(9) E FIFTY-FIFTH AVE 40 N E-17th Oakland. One-story 5-room dwelling

Owner.....J. J. Costodia, Premises.

Architect...None.

Day's work. COST, \$1600

(10) N LAWTON AVE 280 E Broadway, Oakland. Two-story 7-room dwelling.

Owner.....J. Anderson, 5456 College Ave., Oakland.

Architect...None.

Day's work. COST, \$3800

(11) W 104TH AVE 300 S E-14th, Oakland. One and one-half-story five-room dwelling.

Owner.....Moore Park, Stonehurst, Alameda Co.

Architect...None.

Day's work. COST, \$1500

(12) NO. 1128 BROADWAY, Oakland. Alterations.

Owner.....E. A. Parker, Premises.

Architect...None.

Day's work. COST, \$600

(13) NO. 3750 FRANKLIN AVE., Oakland. One-story 5-room dwelling.

Owner.....E. B. Rhodes, 681 Sycamore, Oakland.

Architect...None.

Day's work. COST, \$1800

(14) E NINETY-FIFTH AVE 300 S E-14th, Oakland. One-story 4-room dwelling.

Owner.....Mrs. M. March, 2103 Castro, San Francisco.

Architect...None.

Contractor...Joe St. Mary, 2203 92nd Ave., Oakland.

COST, \$1000

(15) NO. 518 FIFTY-THIRD, Oakland. Two-story 6-room dwelling.

Owner.....M. J. Mulverhill, 522 53rd, Oakland.

Architect...None.

Day's work. COST, \$1200

(16) N FIFTY-SECOND 320 W Market, Oakland. One-story 5-room dwlg

Owner.....C. C. McClain, 22 Devisadero, San Francisco.

Architect...W. E. Erwin, 1615 Cedar, Berkeley.

Contractor...Geary & Ross, 5352 Locksley Ave., Oakland.

COST, \$2400

(17) W BAKER AVE 160 S Fortune Way, Oakland. One-story 4-room bungalow.

Owner.....A. Alder, 84 6th, Oakland.

Architect...None.

Contractor...Alder & Taylor, 84 6th, Okd.

COST, \$1500

(18) W THIRTY-SEVENTH AVE 600 N E-14th, Oakland. One-story 5-room dwelling.

Owner.....R. E. Reeves, Fruitvale.

Architect...None.

Contractor...E. F. Guldner, 940 56th, Oakland.

COST, \$1400

(19) NO.2307 CHESTNUT, Oakland. Two-story concrete laundry annex.

Owner.....J. Devost, 1138 W-12th, Okd.

Architect...None.

Contractor...Sommarstrom Bros., 202 E-12th, Oakland.

COST, \$9000

(22) NO. 1736 NINETY-FOURTH AVE. Oakland. Alterations.

Owner.....M. Bridges, Premises.

Architect...None.

Contractor...W. Peterson, 1225 97th Ave., Oakland.

COST, \$400

(23) NE PARK AND DIVISION, Oakland. Two-story brick school bldg.

Owner.....City of Oakland, 14th and Washington, Oakland.

City Architect...J. J. Donovan, Security Bank Bldg., Okd.

Contractor...O. B. Ackerman & Son, 1st National Bank Bldg., Okd.

COST, \$67,000

(24) NE COLLEGE AND SHAFER Aves., Oakland. One-story concrete school building.

Owner.....City of Oakland, 14th and Washington, Oakland.

City Architect...J. J. Donovan, Security Bank Bldg., Okd.

Contractor...O. B. Ackerman & Son, 1st National Bank Bldg., Okd.

COST, \$87,000

(25) SE THIRTY-SEVENTH AND Kingsley Aves., Oakland. Two-story

nine-room dwelling.

Owner.....Walter Butler

Architect...Albert Farr, 68 Post, S. F.

Contractor...A. P. Ebel, 1762 Broadway, Oakland.

COST, \$6991

(26) NO. 173 TENTH, Oakland. Alterations.

Owner.....Carl A. Whil, Premises.

Architect...None.

Contractor...W. E. Hostler, 5815 Fairview Way, Oakland.

COST, \$500

(27) N FIFTY-SECOND 320 W Market being Lot 28 Blk "B" Map Santa Fe Tract No. 14, Oakland. All work for one-story 5-room frame dwelling.

Owner.....Charles Chester McClain, 22 Devisadero, San Francisco.

Architect...W. E. Erwin, 1615 Cedar, Berkeley.

Contractor...Geary & Ross, 5352 Locksley Ave., Oakland.

Filed Jan. 3, '13. Dated Dec. 21, '12.

Frame up 1/4

Brown coated 1/4

Completed 1/4

Usual 35 days..... 1/4

TOTAL COST, \$2362

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(37) NO. 1138 BROADWAY, Oakland. Alterations and additions.

Owner.....Forum Cafe, Inc., Prem.

Architect...None.

Contractor...S. Kuicher & Co., 518 4th, Oakland.

COST, \$400

(38) NO. 472 HANOVER, Oakland. Alter and add.

Owner.....R. A. Dunam, Premises.

Architect...None.

Day's work. COST, \$400

(39) NO. 1919 SAN PABLO AVE., Oakland. Felt and gravel roof.

Owner.....P. J. Walker.

Architect...None.

Contractor...A. K. Goodmundson, 454 Harlan, Oakland.

COST, \$400

(40) S TRASK AVE 200 W Beacon, Oakland. One-story 5-room dwlg.

Owner.....K. M. Sheridan, 2140 Boulevard, Oakland.

Architect...None.

Day's work. COST, \$2500

(41) — NORTH COURT E Pleasant Valley, Oakland. One-story 5-room dwelling.

Owner.....H. H. Weidel, 855 34th, Okd.

Architect...None.

Day's work. COST, \$2500

(42) S WASHINGTON Cor. Fulton, Oakland. One-story barn.

Owner.....Hutchinson Paving Co., 13th and Franklin, Oakland.

Architect...None.

Day's work. COST, \$2000

(43) S SIXTY-SECOND 132 W Colby, Oakland. One-story 5-room dwlg.

Owner.....H. Eschweiler, 437 61st, Oakland.

Architect...None.

Day's work. COST, \$1600

(44) E MERA VISTA 120 — Elwood, Oakland. One-story garage.

Owner.....H. F. Helmond, 2521 12th Ave., Oakland.

Architect...None.

Contractor...J. Heirman, 2521 12th Ave., Oakland. COST, \$400

Contractor...A. Platt, 359 63rd, Okd. COST, \$500

Contractor...Kaufman & Edwards, 216 Pine, San Francisco. COST, \$950

Building Contracts Awarded.

Berkeley.

3889 ClarkeWhidden 4263
6 BlakePorter 4320
7 BentonNelson 18160
20 GregoryPearson 3500
21 MadsenPlatt 500
28 FriendPatrick 4075

(3889) LOT 3 AND PART LOT 4 BLK 3 Map Berkeley Square, Berkeley. All work for two-story and basement frame dwelling.

Owner.....Mrs. Warren T. Clarke, 2317 Le Conte Ave., Bkly.
Architect...J. Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...G. R. Harding, 505 Chicago Ave., Berkeley.

Filed Dec. 30, '12. Dated Dec. 28, '12. Frame up and boarded in and chimneys up and rough plumbing in ¼
Shingled and 1st coat plaster on ¼
Completed and accepted..... ¼
Usual 25 days..... ¼

TOTAL COST, \$4263

Bond, \$2375. Surety, Southwestern surety ins. Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(6) LOT 11 BLK "C" Northbrae, Berkeley. All work for two-story and basement and attic frame dwelling.
Owner.....Isabel Blake, Berkeley.
Architect...Charles S. Kaiser, Mechanics' Inst. Bldg., S. F.
Contractor...Porter Bros., Berkeley.

Filed Dec. 31, '12. Dated Dec. 26, '12. Sheathed and roof shingled..... ¼
Plastering completed ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$4320

Bond, \$2160. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days after Jan. 2. Forfeit, none. Plans and specifications filed.

(7) N UNIVERSITY AVE 79.97 E Grove E 45XN 100, Berkeley. All work for three-story frame apartment house and stores.

Owner.....J. J. Benton, Acheson Bldg., Berkeley.
Architect...Milwain Bros., Delger Bldg., Oakland.

Contractor...N. P. Nelson, Berkeley.
Filed Dec. 31, '12. Dated Dec. 26, '12. 1st day of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$18,160

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(20) NW GREENWOOD TERRACE & Buena Vista Ave., Berkeley, Five-room dwelling.

Owner.....Warren Gregory, Greenwood Terrace north of Buena Vista Way, Bkly.
Architect...J. G. Howard, 604 Mission, San Francisco.

Contractor...Ben Pearson, 2403 Grant, Berkeley.

COST, \$3500

(21) E ELLSWORTH 50 N Carlton, Berkeley. Add one room to dwlg.
Owner.....Mrs. A. Madsen, 2310 Dwight Way, Berkeley.
Architect...None.

(28) LOT 11 BLK 9 Thousand Oaks, Berkeley. All work for two-story 7-room frame dwelling.

Owner.....George Friend, San Diego Ave and Escondido Ave, Berkeley.

Architect...None.
Contractor...Patrick-Nelson Bldg. Co., 2025 Addison, Berkeley.

Filed Jan. 3, '13. Dated Dec. 23, '12. Frame up ¼
Brown coated ¼
Completed ¼
After time for liens has expired ¼

TOTAL COST, \$1075

Bond, \$2037. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

3888 EschenAitchison 4700
29 KelleyHillen 2000
30 StrangStrang 2000
31 AlamedaKaufman 27000
32 SameSame 950
33 SameSame 1350
34 SameSame 1698
35 HebererMacRae 400
36 Van SickenMacRae 500

(3888) W BAY 767 11-12 S San Antonio Ave S 59 11-12XW 100, Alameda. All work for two-story and basement frame dwelling.

Owner.....James N. Eschen, 1303 Caroline, Alameda.
Architect...Hamilton Murdock and W. H. Crim Jr, 425 Kearny, San Francisco.

Contractor...Aitchison & Sons, 548 Santa Clara Ave., Alameda.

Filed Dec. 30, '12. Dated Dec. 30, '12. Frame up and roof on..... ¼
Scratch coat plaster interior and exterior ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$4700

Bond, \$2400. Sureties, M. H. Owens and John G. Lubben. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(29) NO. 2626 EAGLE AVE., Alameda. One-story dwelling.

Owner.....Mrs. E. Kelley, 2629 Eagle Ave., Alameda.

Architect...None.
Contractor...R. C. Hillen, 1500 Fernside Blvd., Alameda.

COST, \$2000

(20) NO. 1348 BURBANK, Alameda. One-story dwelling.

Owner.....F. N. Strang, 1330 Burbank, Alameda.

Architect...None.

Day's work. COST, \$2000

(31) SOUTH END OF PARK ST., Alameda. Concrete power house.

Owner.....City of Alameda.
Engineer...M. C. Couchot, 110 Sutter, San Francisco.

Contractor...Kaufman & Edwards, 216 Pine, San Francisco.

COST, \$27,000

(32) SOUTH END OF PARK ST., Alameda. Garage.

Owner.....City of Alameda.
Architect...Edwin J. Symmes.

(33) SOUTH END OF PARK ST., Alameda. Store house.

Owner.....City of Alameda.
Architect...Edwin J. Symmes.

Contractor...Kaufman & Edwards, 216 Pine, San Francisco.

COST, \$1350

(34) SOUTH END OF PARK ST., Alameda. One-story concrete office bldg.

Owner.....City of Alameda.
Architect...Edwin J. Symmes.

Contractor...Kaufman & Edwards, 216 Pine, San Francisco.

COST, \$1698

(35) NO. 1000 PARU, Alameda. Garage
Owner.....Adam Heberer, Premises.
Architect...None.

Contractor...C. W. MacRae, 2315 Encinal Ave., Alameda.

COST, \$400

(36) NO. 1831 CENTRAL AVE., Alameda. Tank frame.

Owner.....F. W. Van Sicken, Premises.
Architect...None.

Contractor...C. W. MacRae, 215 Encinal Ave., Alameda.

COST, \$500

COMPLETION NOTICES.

Alameda.

Dec. 20, 1912—N SAN ANTONIO AVE dist 200 fm W line Grant W 50x 100. Ethel B Crandell to F N StrangDec. 19, 1912

Dec. 20, 1912—LOT 36 Map Oak Vale Claremont, Bkly. Julia B Galpin to L S Lewis.....Dec. 14, 1912

Dec. 20, 1912—S GARBER 482 E College Ave E 31½X S 102-5, Bkly. Patrick Nelson Bldg Co to Patrick Nelson Bldg Co.....Dec. 20, 1912

Dec. 21, 1912—LOT 19 BLK 4, Melrose Heights Tract, Okd. K M Sheridan to K M Sheridan.....Dec. 15, 1912

Dec. 21, 1912—SW FILBERT & 5TH 25x94½, Okd. S Gluntini to C Orsell.....Dec. 21, 1912

Dec. 23, 1912—LOTS 37 AND 38 BLK "X" Regents Park, Bkly. Catherine D Marshall to Peake-Munro Cor.....Dec. 20, 1912

Dec. 23, 1912—W PINE AVE, bet Ashby Ave and Russell, Bkly. John S Marshall to W H Turner and C A Schwell.....Dec. 19, 1912

Dec. 23, 1912—W CHESTNUT 120 S Delaware S 40xW 64.02½, Bkly. A C Treppard to whom it may concern.....Dec. 2, 1912

Dec. 24, 1912—N FIFTY-EIGHT 125-9 W Racine, Okd. Myrtle and William Kelleher to Leslie G GearyDec. 24, 1912

Dec. 24, 1912—E LEWISTON AVE 250 S Woolsey, Bkly. Leo C Graff to Wm M Converse.....Nov. 11, 1912

Dec. 26, 1912—SE GRAND & LINCOLN AVE 149x140, Ala. Chas C Boynton to L Swenson.....Dec. 18, 1912

Dec. 26, 1912—PTN LOT 33 BLK 16 Map Boulevard Park, Brooklyn Tp. Claude Scheelk to whom it may concernDec. 23, 1912

Dec. 26, 1912—SE THIRTEENTH AV 35.46 SW E 28th SW 35 SE 100, Okd. James W Lord to whom it may concernDec. 23, 1912

Dec. 27, 1912—LOT 75 Map Oak Park Tract, Okd. E J Hughes, agent for Flora Allen, owner to M AllenDec. 21, 1912

Dec. 27, 1912—S LAKE VIEW AVE 80 E 11th Ave E 35X5 115, Okd. Ida Fabing to F N Fabing, Dec. 24, 1912

Dec. 27, 1912—LOTS 3, 4, 5 and 6 Pin Map Mulrooney vs Glaze, Okd. Fred Finlay Orphanage to J G Sutton Co (two acceptances)Dec. 18, 1912

Dec. 27, 1912—E 5 FT. LOT 49 AND W 30 ft. Lot 48 Map Lawton Ave Tract, Okd. Margaret McArthur to whom it may concern, Dec. 27, 1912

Dec. 27, 1912—S SIXTY-SECOND 200 W Colby, Okd. P H Franks to whom it may concern, Dec. 27, 1912

Dec. 28, 1912—S SIXTEENTH 44 E Chestnut 40x100, Okd. Eugene A Schmidt to Eugene A Schmidt,Dec. 28, 1912

Dec. 30, 1912—LOT 30 BLK 30 Havenscroft, Okd. Extension Bldg Co to R H Van Sant, Dec. 28, 1912

Dec. 30, 1912—N OCEAN VIEW Drive 40 E McMillan Ave E 40xN 102, Okd. Joseph Thomas Collins to Collins Bros, Dec. 28, 1912

Dec. 31, 1912—LOT 16, BLK 13, NORTHBRAE, Berkeley. Patrick-Nelson Building Co. to whom it may concern, Dec. 1, 1912

Dec. 31, 1912—LOT 16, BLK 4, Map Berkeley Square, Berkeley. Patrick-Nelson Building Co. to whom it may concern, Dec. 26, 1912

Dec. 31, 1912—LOT 18, BLK 9 NORTHBRAE, Berkeley. Patrick-Nelson Building Co. to whom it may concern, Dec. 1, 1912

Jan. 2, 1913—W VICKSBURG 125 N 51st Ave N 61.43 W 130 S 19.30 E to beg. Oakland. Robert Y and Loraine K Boronda to whom it may concern, Dec. 31, 1912

Jan. 3, 1913—LOT 74 Dowling Tract being No. 1748 81st Ave, Oakland. Katherine McLaughlin to Jos Flitner,Dec. 12, 1912

Jan. 3, 1913—LOT 144 and NW 5 ft. Lot 140 Map Ppty of R Corder, Jr, Brooklyn Tp. Theodor Schmitz to William Bertsch, Dec. 21, 1912

LIENS FILED

Alameda.

Dec. 19, 1912—N EIGHTH 75 W Webster W 50xN 100, Okd. Joseph G Allmon vs Estate James Prideaux (Catherine, Joan Catherine, James Boozman & Mary Adele Prideaux) First Trust & Savings Bank of Oakland, Black & White Co, Lillie Susan Dermody, and Jane and Richard Doe,\$275

Dec. 19, 1912—W FRUITVALE AVE 63 S E-14th S 42. NW 80 NE 41.59 SE 77.02 to beg. Okd. John L Fox vs R A Blair and Derby Estate Co,\$27.50

Dec. 20, 1912—NW TAFT AVE AND Broadway W along N in Taft Ave 37.26 N 66 E 122.85 S 108.09, Okd. E H Greslat vs Nels A Trubeck and Andrew Matson,\$265

Dec. 21, 1912—LOT 16 and SW 10 ft. Lot 13 and NE 5 ft Lots 12 and 17 map Kelly Tract, portion Watson 100 acres, being an irregular shaped piece of land bet Wesley Ave firmly Bay St. and Kelly Ave and hded on E by Indian Gulch, Okd. Hogan Lumber Co vs Carl M Lindblad,\$1687.56

Dec. 23, 1912—NE HASTE & TELE-graph Ave 80x110, Bkly. Vacuum Eng Co and Guernsey & Wheeler vs J Raymond Newsom,\$490

Dec. 23, 1912—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. Maxwell Hardware Co vs M F Mortensen, Sigfried A Miller and Hilma F Miller,\$60

Dec. 23, 1912—N EIGHTH 75 W Webster W 50xN 100, Okd. Maxwell Hardware Co vs R A Blair and James Prideaux,\$49.50

Dec. 23, 1912—NW ELM AND "O" 100 x100, Livermore. Ansbacher Bros vs Frank Allen,\$19.55

Dec. 23, 1912—PT (N E) ENDRY S BET Plot 26 and 27 Bernal part Rancho E Valle de San Jose 1073 S N Cor opp plot 27 S 320 W 841.30 N 25 deg 47 min W 320.8 to beg. Map Livermore Orchards, Livermore. Ansbacher Bros vs M A Miller, \$104.86

Dec. 24, 1912—NE HASTE & TELE-graph Ave 80x110, Bkly. Crown Cornice Wks vs J R Newsom,\$652.40

Dec. 27, 1912—NW HASS Ave, 544 NE E 14th St, NE 170, NW 274, SW 167½, SE 274, San Leandro. W. P. Fuller & Co. vs William Frost,\$182.35

Dec. 28, 1912—NW TAFT AVE AND Broadway W 37.26 N 66 E 122.85 S 108.09, Okd. W P Fuller & Co, \$300; H V Arends vs Andrew Matson,\$182.35

Dec. 28, 1912—NW TAFT AVE AND Broadway W Taft Ave 37.26 N 66 E 122.85 S 108.09, Okd. Berkeley Land Co vs N A Trubeck and Andrew Matson,\$182.35

Dec. 30, 1912—W LILLY 100 S Tulip about 25x100; No. 3715 Lilly, Okd. H D Graves vs Minnie Lussier,\$84

Dec. 30, 1912—OAKLAND AVE, bet Grand and Greenbank Aves 410 N Grand Ave, Okd. N O Nelson Mfg Co vs W H Miller,\$70.16

Dec. 30, 1912—LOT 44 Map Woodlawn Park, Okd. L W Hall, \$150; W J Rigney (Oakland Mantel Co) \$77.80 vs Andrew Matson and N A Trubeck,\$182.35

Dec. 30, 1912—NE HASTE & TELE-graph Ave 80x110, Bkly. Atkinson Mill Mfg Co vs J R Newsom,\$290.35

Dec. 31, 1912—N TAFT AVE and W Broadway, W along Taft Ave, 37.26 N 66 E 122.85, SW 108.09, Oakland. Pierce Hardware Co. vs Andrew Matson and N. A. Trubeck,\$107.10

Dec. 31, 1912—LOTS 7 and 8, Blk 49-245, Freeman's Map of San Antonio, Brooklyn Tp. H. F. Thompson vs Adeline A C. Soares, John Doe Soares; also known as Swass and Jane Doe Swass,\$370.00

Dec. 31, 1912—NW DUTTON AVE, 782.64 NE County Road leading from Oakland and San Leandro, NE 40, NW 151.42, Brooklyn Tp. Panama Lumber and Mill Co. vs. G. Marrini and Jackson & Gray,\$485.41

SAN JOSE AND SANTA CLARA VALLEY.

BUNGALOW—1½ story and 1½ frame, \$6,800. Alerton, San Mateo Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Mr. Borden. The bungalow has been designed to contain about 12 rooms, sleeping porch and bath. Interior finish will be of pine, redwood and oakwood. Hard-

wood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded within a few days.

RESIDENCE—2 story and base, frame, \$12,000. San Carlos, San Mateo Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner's name withheld. This house will be designed to contain in the neighborhood of ten rooms, baths, sleeping porch and laundry. Interior finish will be of pine, redwoods and hardwoods. Hardwood floors will be used throughout the principal rooms. A central heating system will be installed. There will be open fire places and brick and tile mantels. An automatic water heater will be used. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath and the roof will be of red clay tile. Plans will be out for figures in the course of a week or ten days.

Building Contracts.

SANTA CLARA COUNTY.

COR. CASTRO AND VILLA, Mountain View, Cal. All work for one-story concrete building.
Owner, Odell & Jurian, Mountain View, Cal.
Architect, F. D. Wolfe, 1st National Bank Bldg., San Jose.
Contractor, H. A. Spreen, Sunnyvale.
Filed Dec. 26, '12. Dated Dec. 10, '12.
Cribbing for 2nd floor on,\$900
Plastering on outside,900
Completed,900
Usual 35 days,900
TOTAL COST, \$3600
Bond, \$1800. Surety, Maryland Casualty Co. Limit, 65 days. Forfeit, none. Plans and specifications filed.

LOT 28 BLK 15 Thornes Sub, Cook and Branham Sub. of San Jose. All work for one-story 4-room frame dwlg.
Owner, Fred Beck, Knox Block, San Jose.

Architect, Chas. Hastings, San Jose.
Contractor, Chas. Hastings, San Jose.
Filed Dec. 28, '12. Dated Dec. 24, '12.
When completed,333.50
1st coat plaster on,333.50
Frame up,333.50
Usual 35 days,333.50
TOTAL COST, \$1334.00

Bond, \$675. Sureties, Jas. McCormack and C. V. Fisher. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

NEAR COR. GEORGE AND FIRST (on First), San Jose. All work for five-room frame dwelling.
Owner, Mary A. Mason, San Jose.
Architect, F. D. Wolfe, 1st National Bank Bldg., San Jose.
Contractor, L. L. Kelly, May Ellen Ave., San Jose.

Filed Jan. 2, '13. Dated Aug. 22, '12.
Frame erected,\$542.25
Brown plaster on,754.25
When completed,754.25
Usual 35 days,754.25
TOTAL COST, \$3019.00
Co. Limit, 65 days. Forfeit, \$5. Plans

and specifications filed.
 Bond, \$1500. Surety, Maryland Casualty

NO. 820 S-EIGHTH San Jose. Five-room cottage.
 Owner.....P. D. Eady, Premises.
 Architect.....None.
 Day's work.....COST, \$1500

NO. 35 LOCUST, San Jose. Four-room cottage.
 Owner.....W. C. Krieg, 40 Locust, San Jose.
 Architect.....None.
 Day's work.....COST, \$1500

NO. 31 LOCUST, San Jose. Four-room cottage.
 Owner.....W. C. Krieg, 40 Locust, San Jose.
 Architect.....None.
 Day's work.....COST, \$1500

NO. 245 S-FIRST (rear), San Jose. One and one-half-story addition.
 Owner.....Mrs. E. Renzel, Premises.
 Architect.....None.
 Day's work.....COST, \$600

N NELSON WAY, 4th Lot E of Bird Ave., San Jose. Six-room cottage.
 Owner.....Frumpf, Premises.
 Architect.....None.
 Contractor.....S. G. Pelton, 445 S-3rd, S. J.
 COST, \$2500

S THORSON 5th Lot E Spring, San Jose. Five-room cottage.
 Owner.....E. J. Delmne, 56 Pleasant, San Jose.
 Architect.....None.
 Day's work.....COST, \$1200

W SIXTH 6th Lot S of Keyes, San Jose. Four-room cottage.
 Owner.....M. Valsman Jr., Premises.
 Architect.....None.
 Contractor.....P. J. Schmidt, 628 Spencer Ave., San Jose.
 COST, \$1850

NO. 591 N-WHITEY, San Jose. Four-room cottage.
 Owner.....J. Manina, Premises.
 Architect.....None.
 Day's work.....COST, \$500

NO. 903 E-JULIAN, San Jose. Two-room addition on front.
 Owner.....C. W. Dehigl, Premises.
 Architect.....None.
 Day's work.....COST, \$600

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
 Jan. 2, 1913—FIRST near George, San Jose (on west side of First) Mary A. Manson to L. T. Kelly, Dec. 15, 1912
 Dec. 18, 1912—ON EASTERLY SIDE of the Alameda between McKeney and Morris, San Jose. Mrs. Madge Fierden to Joan F. Dowle, Dec. 20, '12

Liens Filed.

SANTA CLARA COUNTY

RECORDED AMOUNT
 Jan. 3, 1913—LOTS 9 AND 10 and easterly part of Lot 11 of the Campbell Trct (City of Campbell). Hubbard & Carmichael Bros vs The Campbell Farmers' Union Packing Co.....\$181.65

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

APARTMENT HOUSE—2 story and base, frame, \$10,000. Richmond, Contra Costa Co., Cal. Arcadia 1, none. Owner, G. L. Messerle, Richmond. The building will contain four apartments of three rooms and bath. Interior finish will be of pine and redwood throughout. There will be open fire places or gas grates. Mantels will be of tile. Bath rooms will be finished in tile and cement. The exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who is now taking figures on the various parts of the work.

Building Contracts.

CONTRA COSTA COUNTY.

LOT 13 BLK 103, City of Richmond. All work for three-story and basement frame building.
 Owner.....Mrs. John Ivers, Richmond
 Architect.....None.
 Contractor.....Andrew Wicks, Richmond.
 Filed Dec. 27, '12. Dated Dec. 26, '12.
 Entire frame work completed.....\$1315
 All carpentry work completed.....1300
 40 days after completion and acceptance.....1800
 TOTAL COST, \$4415

Bond, \$2208. Sureties, H. Wanske and John R. Nystrom. Limit, 70 days. Forfeit, none. Plans and specifications filed.

LOTS 9,10,11 BLK 41, City of Richmond. All work for two-story and basement frame rectory.
 Owner.....Roman Catholic Archbishop of San Francisco.
 Architect.....C. O. Clausen, Phelan Bldg San Francisco.
 Contractor.....J. C. Thornton, Richmond.
 Filed Dec. 28, '12. Dated Dec. 26, '12.

Frame up.....\$1000.00
 Building plastered.....1100.00
 Building completed.....1240.00
 Usual 35 days.....1121.50
 TOTAL COST, \$4461.50

Bond, \$2300. Sureties, E. M. Tilden and T. H. Moore. Limit, 60 days. Forfeit, \$20. Plans and specifications filed.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Jan. 3, 1913—LOT 3 BLK "J" Town of Concord. Mrs. R. Clanton, M. Neustaedter, Annie Neustaedter, Sadie Neustaedter, J. Neustaedter, et al to L. V. Perry.....Dec. 24, 1912

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
 Jan. 3, 1913—LOTS 7 AND 8 BLK 67, Antioch. Hutchinson Co vs E. Allwell.....\$251.98
 Jan. 3, 1913—LOT 1 BLK 3, Antioch. Hutchinson Co vs M. McBride.....\$263.22
 Jan. 3, 1913—LOT 8 BLK 3, Antioch. Hutchinson Co vs Mrs. E. Williams.....\$263.22
 Jan. 3, 1913—LOT 21 BLK 2, Antioch. Hutchinson Co vs J. Wallace De Witt.....\$235.63
 Jan. 3, 1913—LOTS 1, 11, 12 BLK 56,

Antioch. Hutchinson Co vs W. S. George.....\$651.32
 Jan. 3, 1913—LOTS 5, 6, 7, 8 BLK 9, Antioch. Hutchinson Co vs Mary P. Meyer.....\$229.61

'ompletion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Dec. 30, 1912—LOTS 23 & 24 BLK 23, Richmond Annex. Lean Guertin to Marshall & Doty Co.....Dec. 24, 1912

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

Liens Filed.

FRESNO COUNTY.

RECORDED AMOUNT
 Dec. 31, 1912—SW 100 FT. LOTS 13 to 16 Blk 145, Fresno. W. S. Holtzman vs Geo. A. Clough and J. H. Hjul.....\$205
 Dec. 1, 1912—LOT 25 NW ¼ LOT 24, Blk 204, Fresno. Geo. Elha vs H. Englinian.....\$67
 Dec. 31, 1912—LOT 20, Poppy Colony. F. L. and R. M. Irwin vs J. J. Harris.....\$225

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BANK—1 story and base, reinforced concrete, \$25,000. Lodi, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, Bank of Lodi. This work has been mentioned here before when the plans were first started. Bids for the work are being taken and a contract will be awarded shortly. The structure will contain the general offices, banking rooms and private offices. Interior will be finished in hardwood, tile and marble, ornamental plaster and bronze. There will be a central heating system. The exterior of the structure will be faced with pressed brick and terra cotta. Bids are now being taken.

Building Contracts.

SACRAMENTO COUNTY.

LOT 8, I, J, 5th and 6th Sts, Sacramento. Ornamental iron for five-story and basement Class "C" brick bldg.
 Owner.....Young Men's Christian Association.
 Architect.....E. C. Hemmings, 1005 K St., Sacramento.
 Contractor.....Hansome Concrete Co.
 Sub-Contractor.....Ralston Iron Works, 29th and Indiana, S. F.
 Filed Dec. 10, '12. Dated Dec. 5, '12.
 COST, \$6057

N 85 FT. LOT 8, J. K. 14TH AND 15TH Sts., Sacramento. Plumbing for five-story and basement reinforced concrete apartment house.
 Owner.....Chauncey Dunn.
 Architect.....Cuff & Diggs, Elks' Bldg., Sacramento.
 Contractor.....Ransome Concrete Co.
 Sub-Contractor.....Latourette-Meal Co., 3431 Sacramento Ave., Sacramento.
 Filed Nov. 25, '12. Dated Nov. 1, '12.
 COST, \$6768

N 85 FT. LOT 8 J, K, 14TH AND 15TH STS., Sacramento. Electric wiring for five-story apartment house.
Owner.....Chauncey Dunn.
Architect...Cuff & Diggs.
Contractor..Ransome Concrete Co., 328 "J," Sacramento.
Sub-contractor..A. E. Brooke Ridley, Humboldt Bank Bldg., San Francisco.
Filed Nov. 27, '12. Dated Nov. ———
COST, \$1875

NE FIFTH AND J STS., Sacramento. Structural steel and iron work for building.
Owner.....Young Men's Christian Association of Sacramento.
Architect...E. C. Hemmings, 1005 K St., Sacramento.
Contractor..The Palm Iron & Bridge Works, 15th SE Cor. R St., Sacramento.
Filed Jan. '13. Dated Nov. 25, '12.
COST, \$12,905

LOT 4, J, K, 4TH AND 5TH STS., Sacramento. Mill work for seven-story and basement reinforced concrete building.
Owner.....Marsh Investment Co.
Architect...Cuff & Diggs, Elks' Bldg., Sacramento.
Contractor..Ransome Concrete Co., 328 J St., Sacramento.
Sub-Contractor..Taylor & Co.
Filed Dec. 31, '12. Dated Dec. 17, '12.
COST, \$10,650

N 85 FT. LOT 8, J, K, 14TH AND 15TH STS., Sacramento. Steam heating for five-story and basement apartment building.
Owner.....Chauncey Dunn.
Architect...Cuff & Diggs, Elks' Bldg., Sacramento.
Contractor..Ransome Concrete Co., 328 J St., Sacramento.
Sub-Contractor..Latourette-Efical Co., 3431 Sacramento Ave., Sacramento.
COST, \$1705

LOT 273 BLK 25 Colonial Heights, Sacramento. One-story 4-room and basement bungalow.
Owner.....Jens Jacobson.
Architect...None.
Contractor..G. E. Harvie, 2200 O St., Sacramento.
Filed Dec. 30, '12. Dated Dec. 30, '12.
COST, \$1899

W 22 FT. LOT 4 AND ALL LOT 7, N, O 2nd and 3rd Sts., Sacramento. Frame and galvanized iron building.
Owner.....Harry C. White, 813 Q St., Sacramento.
Plans by...Siller Bros.
Contractor..Siller Bros., 1230 P St., Sacramento.
Filed Dec. 30, '12. Dated Dec. 30, '12.
COST, \$3958

LOT 4, J, K, 4TH AND 5TH STS., Sacramento. Plastering for seven-story and basement building.
Owner.....Marsh Investment Co.
Architect...Cuffs & Diggs, Elks' Bldg., Sacramento.
Contractor..Ransome Concrete Co., 328 J St., Sacramento.
Contractor..A. Knowles.
Filed Dec. 31, '12. Dated Dec. 21, '12.
COST, \$27,817

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 4 AND 6 BLK 65 E, Stockton. Repair brick building.
Owner.....Maria S. Hubbard.
Architect...None.
Contractor..Thomas Lewis, South San Joaquin St., Stockton.
COST, \$10,000

LOT 10 BLK 80 S M C, Stockton. Erect frame building.
Owner.....J. W. Jones.
Architect...None.
Day's work. COST, \$1750

LOT 20 BLK 7 "OAKS," Stockton. Erect frame building.
Owner.....Jones & Galvin.
Architect...None.
Day's work. COST, \$1900

LOT 16 BLK 72 E, Stockton. Frame building.
Owner.....Anchea Rivera.
Architect...R. P. Morrell, 226-227 Yosemite Bldg., Stockton.
Contractor..Potter & Potter, Stockton.
COST, \$2000

LOT 7 BLK 92 W, Stockton. All work for two-story frame dwelling.
Owner.....Matthew McDearaid.
Stockton Annex, Stockton.
Contractor..McPhee & Vickroy.
Filed Dec. 27, '12. Dated Dec. 26, '12.
Foundation in \$ 350
Roof finished 2000
Completed and accepted 2000
TOTAL COST, \$1350
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Dec. 30, 1912—E 23 OF S 14 OF LOT 5 J, M, 9th and 10th Sts., Sacramento. Julia Cronan by J W S Butler to Chas Passow & Sons....
.....Dec. 29, 1912

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Jan. 3, 1913—E MAPLE AVE on N 14 of Lot 4, Tullar Trct., Sacramento. T H Langton to F O Morrill & Son
.....Dec. 15, 1912

Liens Filed.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Jan. 1, 1913—LOT 169 Smith Tract, Sacramento. Fred J Ferren vs Charles J Gherard, et al.....\$12

NOTICE OF NON-RESPONSIBILITY.

Jan. 3, 1913—LOT 11 BLK 24, Amendement Map Edmont, Eddy. J S Spring as to improvements on leased property

ABANDONMENT OF HOMESTEAD.

Jan. 3, 1913 PT INSTR 8 EIGHTH and Patent line Vincente Peralta Rancho W 62AS 139, Okla. W R and Ida B Williams.....

ERN CALIFORNIA.
LOS ANGELES AND SOUTH.

APARTMENT HOUSE 1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, E. M. Tyler, Huberman Bldg., L. A. Owners, Mrs. Frances Zahn and A. W. Hoar. The house has been designed to contain 102 rooms, which will be arranged in suites of two and three rooms each. There will be private bath, wall beds, a vacuum cleaning system, two elevators and steam heat. Interior finish will be of pine, mahogany and oak. Entrance will be finished in tile and marble. Bath rooms will have cement floors and tile wainscot. Some metal window sash and frames will be used. The exterior of the building will be faced with glazed white brick and terra cotta. Plans are complete and figures are being taken.

HOTEL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. E. Fetherstonhaugh, Ferguson Bldg., L. A. Owner, J. H. Call. The building will contain a total of 90 rooms and a number of baths, besides the office and general lobby, which will occupy the entire first floor. There will be steam heat and elevator service. Interior finish will be of pine and redwood. Running hot and cold water has been provided for all rooms. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL AND STORES—A story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Edward C. Thorne, Realty Board Bldg., L. A. Owner, L. I. Delval. The building is to cover an area of 60x104 feet. Plans provide for seven stories on the ground floor and a total of 135 guest rooms on the upper floors. Interior finish will be of pine throughout. Bath rooms will have cement floors. There will be steam heat and elevator service. Running hot and cold water will be supplied to all rooms. The exterior of the building will be faced with pressed brick. Patent store fronts will be used. Plans are being prepared and work will be started within a short time.

HOTEL—2 story and base, brick. Cost not stated. Imperial, Imperial Co., Cal. Architects, Western Architectural and Building Co., Coulter Bldg., L. A. Owner, Mrs. Laura Waters. The building will cover an area of 112x128 feet. The first floor will contain a number of stores, while provision has been made on the upper floor for 55 rooms and a number of baths. There will be hot and cold running water in all rooms. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTELS—4, 2 story and base, brick. Cost not stated. Los Angeles, Los Angeles Co., Cal. Architect, Irving J. Gull, 225 So. Hill St., L. A. Owners, Dominick & Lant Co. Each of the buildings has been arranged for stores on the first floor and rooms above. All interior trim will be of pine. Hot and cold running water is to be supplied to all rooms. The exteriors will be faced with pressed brick. Plans are complete and figures are being taken. A L O owners.

SCH 104—1 story and base, brick. Force concrete, \$25,000. Plans by Los Angeles Co. Cal. Architect, P. G. L.

BIDS. Pomona. Owners, Pomona have been completed for the San An-School District. Working drawings for Antonio Avenue Grammar School, and will be approved by the Board of Education at their next meeting. The building will consist of six class rooms, assembly hall and teachers' room. A central heating system will be installed. Interior finish will be of pine throughout with some maple floors. The exterior of the building will be faced with cement plaster. Bids will be opened for about January 15th.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, L. W. Hoffman Bldg., L. A. Owner, John M. Thomas. The building has been designed to contain 66 rooms, which will be arranged in suites of two and three rooms. All apartments will have wall bed and private baths. There will be steam heat and a vacuum cleaning system. Interior will be finished in pine, redwood and elm. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

WATER SYSTEM—Cost not stated. Redlands, San Bernardino Co., Cal. Engineer, F. E. Trask, Union Oil Bldg., L. A. Owners, City of Redlands. Plans for the municipal water system have been approved and are now out for bids. Bids will be opened by City Clerk R. Warner Thomas on January 15th. The material will consist of 300 tons cast iron pipe as follows: 1,750 lineal feet 12-inch; 9,650 lineal feet 8-inch; 600 lineal feet 6-inch; 15 tons of cast iron specials; 13,140 lineal feet 4-inch standard screw pipe; 4,650 lineal feet 6-inch standard screw pipe; standard pipe specials; 7,500 lineal feet 12-inch riveted steel pipe; 23,000 lineal feet 16-inch riveted steel pipe; 3,100 lineal feet 20-inch riveted steel pipe; 100 lineal feet 24-inch riveted steel pipe; specials for above; 80 fire hydrants; valves as follows: Two 20-inch, seven 16-inch, two 12-inch, two 10-inch, ten 8-inch, eighty 6-inch, 100 4-inch; two air valves of 200-lbs. pressure; 10 dozen lanterns; 10 dozen each picks and shovels; four wells of 18-inch, 20-inch and 22-inch casing; four pumps and heads; one one-ton auto truck. Bids will be received on the work as a whole or on each unit separately.

ELECTRIC POWER PLANT—Cost not stated. Redlands, San Bernardino Co., Cal. Engineer, F. E. Trask, Union Oil Bldg., L. A. Owners, City of Redlands. Plans for the electric power plant for the municipal water system have been completed and are now out for figures. Bids will be opened by the Board of Trustees on February 5th. A maximum of 600 horse power is required and bids will be taken for steam, gas oil, and crude oil engines. Full particulars can be secured from either the engineers or from the City Clerk R. Warner Thomas, Redlands.

STORES AND LODGE HALL—2 story and base, brick. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, J. William Roberts, 2345 West 25th St., L. A. Owner, J. William Roberts. The building will contain four stores on the first floor and ten offices besides a large lodge room on the upper floor. Interior finish will be of pine throughout. The exterior will be faced with pressed brick. Plans are

complete and the work will be done by Day Labor.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$37,000. Los Angeles, Cal. Architect, none. Owners, J. P. and E. C. Hunter. Contractors, C. E. Horton Co., Hillman Bldg., L. A. Contract price, \$37,000.

PORTLAND AND OREGON.

HOTEL—3 story and base, brick, \$20,000. Hillsboro, Ore. Architect, Newton C. Gamitt, Portland. Owners, J. W. Bailey, et al. The ground floor will contain one store, main office and lobby, sample rooms, dining room and kitchen. Upper floors are to be arranged for forty guest rooms and 12 private baths. There will be steam heat. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$30,000. Portland, Ore. Architect, none. Owners, Butterworth-Stephenson Co., Portland. The building will cover an area of 74x74 feet and will be designed to contain 16 apartments of three rooms and bath each. The first floor will contain the entrance, lobby, office and three large store rooms. There will be steam heat and elevator service. Interior finish will be of pine with some hardwood veneer. T. e bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster. Wall beds will be used throughout. Plans are being prepared.

APARTMENT HOUSE AND STORES—2 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Fred S. Allerton, Portland. Owner's name withheld. The building will be 50x100 feet with stores on the first floor. Upper floor will contain five three-room apartments with baths and wall beds. There will be steam heat. The interior of the building will be finished in pine throughout. Exterior will be faced with cement plaster. Plans are being prepared.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, Whidden & Lewis, Portland. Owner, J. Woods Smith. The architects have just been selected to prepare plans for this building. The building will occupy a corner site 100 feet square. The first floor and basement will be used for a commercial garage and the second floor for ball purposes. None of the particulars of construction can be given at this time.

LODGE HALL—3 story and base, brick and steel, \$30,000. McMinnville, Ore. Architect, C. C. Robbins, Portland. Owner, McMinnville Masonic Hall Association. The building will be a three story and basement structure, covering a site 80x100 feet. The first floor will contain several large stores. There will be offices on a part of the second floor, while the owners have reserved the entire third floor and part of the second for their hall. There will be steam heat. Interior will be finished in pine and hardwoods. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

HOTEL ADDITION—1 story, brick,

\$10,000. Portland, Ore. Architects, Emil Schacht & Son, Portland. Owners, Golden West Hotel. Contractors, Brayton Eng. Co., Portland. Contract price, \$10,000.

TRUNK SEWER SYSTEM NO. 2—Cost not stated. Portland, Ore. Engineer, City Engineer Portland. Owners, City of Portland. Contractors, Giesbich & Joplin, Portland. Contract price, \$156,107.10.

STORES AND OFFICES—12 story and base. Class A construction, \$750,000. Portland, Ore. Architects, Dwyer, Patterson & Beach. Owners, Marquam Block Co. Contractors, Dunwiddie Construction Co., Portland. Contract price, \$750,000.

SCHOOL TEACHERS LUNCH WITH THE LEAGUE.

The School Teachers officially representing the California Teachers' Association will lunch with the Home Industry League of California at the Palace Hotel, Thursday, January 2, at 12:15 P. M. sharp.

The Bay Section of the Teachers' Association will be in session in this city, 1500 strong. This splendid body of educators have under their immediate charge 100,000 boys and girls as pupils. They stand as sponsors for the future of this great army of young people who will soon enter the industrial and commercial life of California.

The Advisory Board, the Executive Committee and the Officers of the Association have been invited to meet the League and to there hear the facts concerning the home industries of California. The members have generally accepted this invitation and will be present.

It is the duty of all members to be present on this occasion.

An interesting program has been arranged as follows:

Opening remarks by the President of the League.

Five-minute advisory talks by Dr. C. V. Cross and Norman W. Hall.

Fifteen minutes' exhibition of lantern slides illustrating California factories.

Five-minute speeches by the following teachers:

F. K. Barthel, President; A. J. Cloud, Secretary; Directors—R. D. Faulkner, W. H. Hanlon, George W. Frick, Alex. Sheriffs, C. B. Biedenbach, M. E. Dailey, P. S. Rosseter.

Come and bring your friends and welcome our guests in strong numbers.

THESE USE THE FORSTER.

The Sharon Estate Building, New Montgomery and Jessie streets; The new two million dollar Oakland Hotel; the U. S. Custom House; the new Barrack buildings at the Presidio; the new City and County Hospital of San Francisco are all equipped with Forster's Water Closet Waste Connection. The above buildings required the best—that's why Forster's was used. Made in California.

CIRCULATE PETITION FOR BOND ISSUE.

SACRAMENTO, Dec. 31.—Two hundred and fifty copies of the Greater Capitol petition, which has been framed by Attorney W. H. Devlin, declaring the necessity for a bond issue to pro-

Lloyd S. Ackerman

Attorney-At-Law

Building Law and the Law of
Mechanics' Liens.

Rooms 414-418 Nevada Bank Bldg.

14 Montgomery St., S. F.

Refers to: Anglo California Trust Co.,
General Contractors' Association; United
States Fidelity & Guaranty Co., Daily
Pacific Builder.

vide \$700,000 for the purchase by the city of the two blocks bounded by L and N, Ninth and Tenth streets, on which it is proposed to erect two new buildings—One a State Library and Courts Building and the other a building to house the various State officials, who are now illegally residing and maintaining offices in San Francisco, were distributed recently, and the canvassers started immediately getting the signatures of the voters. If 15 per cent of the voters' signatures is obtained the first election, with its expense and delay, will be eliminated and the Commissioners will immediately be asked to call the bond election.

The plan is for the city to purchase the two blocks and donate them to the State, the State in turn to erect the new buildings, the cost of which would be in the neighborhood of \$2,000,000.

TO BOND FOR HIGHWAYS.

SUISUN (Solano Co.), December 31. A large bond issue for the construction of a complete system of good roads will probably be a proposition for the voters of Solano County to vote on in the near future. The Supervisors are seriously considering the matter. The amount necessary will be more than \$1,000,000. The plans cannot be definitely determined until the route for the State highway is settled upon, as the county's roads will be feeders to it.

WATER FILTER INSTALLED.

The Pacific Water Purifying Company, 104 Front street, has recently installed a Filter in the Young Men's Christian Association of Berkeley.

The Filter was installed on the circulating system for the swimming tank water in order to keep the water in the tank clear and sanitary at all times.

The complications that arises from installing filters in buildings already finished has been met in such a way that it is forthly of the attention of owners of buildings who are considering installing filters.

The Young Men's Christian Association report that the swimming tank is more than satisfactory and it has been a large asset in the renewals of fall membership and the general interest shown by the members with the crystal clear bathing water.

The Pacific Water Purifying Company has had a great deal of experience in filtering and purifying swimming tank waters and Architects should know that such a firm is manufacturing filters right here in San Francisco.

LUMBER RATES SUSPENDED.

WASHINGTON, Dec. 30. The interstate commerce commission today suspended proposed transcontinental freight tariffs advancing rates on lumber from British Columbia and Alberta, Canada, and Oregon, Washington and other northwestern states shipping through Colorado gateways to eastern destinations. The effect of the proposed tariffs would be to advance the rate from Portland, Ore., to Chicago from 65 cents a hundred pounds to 89 cents; and from Portland to New York from 85 cents to \$1.08½. Rates between other points show a similar advance.

NEVADA CITY CONSIDERS BONDS.

NEVADA CITY (Nevada Co.), December 31.—A meeting of the City Trustees was held last night to consider a proposition of submitting a bond issue of \$20,000 to The People, the money to be used in the construction of a new City Hall and improvements for the city sewer system.

The proposition found favor with the meeting and at a meeting of members of the Nevada City Chamber of Commerce held Monday night.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10120. Chemicals, dyes, and appliances for cotton and dyeing works.

A report from an American consular officer in a European country states that a firm well known in all the cotton printing and dyeing works in his district wishes to act as agent for the sale of any American chemicals, dyes, and appliances in this line.

No. 10121. Automatic bolt-heading and nut-threading machines.

A business firm in Russia informs an American consular officer that it desires to get in touch with American manufacturers of automatic bolt-heading and nut-threading machines. Correspondence may be in English, German, or Russian.

No. 10123. Cotton growing and ginning machinery and furniture.

An American consular officer reports that a resident of East Africa desires to receive catalogues of machinery used in the production and ginning of cotton, etc. He is especially interested in the Montgomery and in the Marvin Smith machines. He would also like to receive catalogues of furniture and other articles suitable for colonial use. These latter articles must be able to withstand the hardest kind of usage and be suitable for use in a tropical climate. Correspondence should be in the Portuguese language.

No. 10124. Electric meters.—A report from an American consul in a Latin-American country states that an electric light company in his district will during 1913 supply its customers with

electric meters. This company is in immediate need of 300 meters, of 2 to 15 amperes, single phase, 125 volts, 60 cycles. Correspondence, in English or Spanish, should be addressed to the manager of the Company.

No. 10125. Electric elevators.—An American consul reports that on account of the steadily growing population of his district building operations have been greatly stimulated. With a tendency to higher buildings for residences, offices, and business purposes, there is a growing demand for the installation of electric elevators both for passenger and freight and conditions are favorable for American manufacturers to compete for some of the new business offered. British firms, through long-established connections, practically control the business at present, but there seems to be a fair opportunity for an active agent to secure contracts for the American type of lifts. An effort should be made to introduce elevators with automatic gates, if the addition of the safety gates would not greatly increase the cost of installation. The names of two firms that have specialized in elevator work for the past 10 years, as well as a list of engineering firms, accompanied the report.

LUMBER OUTPUT FOR LAST FOUR YEARS.

WASHINGTON, Dec. 31.—A preliminary statement of the output of lumber, lath and shingles in the United States during the calendar years 1911, 1910, 1909 and 1908 was issued by Census Director E. Dana Durand. It was prepared under the direction of William M. Stewart, chief statistician for manufactures, by Jasper E. Wheelhel. The data were collected in co-operation with the forest service of the department of agriculture and form one of a series of annual reports regarding the lumber and timber industries.

The reported production of lumber in the United States during the calendar year 1911 by 28,107 mills was 37,003,297 M feet board measure, as against 40,018,252 M feet board measure reported by 31,934 mills in 1910; 44,509,761 M feet reported by 45,112 mills in 1909 and 33,224,369 M feet reported by 31,231 mills in 1908. The figures for the four years covered by the showing are substantially comparable, with the exception of those for the year 1909.

The information covering this year was collected by special agents of the census office in connection with the regular quinquennial census of manufactures, and hence covered, theoretically, every lumber producing establishment which was in operation during the whole or any part of that year. The data for 1911, 1910 and 1908 were gathered by correspondence, and while including the cut of practically all of the larger or commercial plants for these three years do not cover the operations of many of the neighborhood or custom mills. It should be pointed out, furthermore, that the totals for 1911 and 1910 do not include the output of any mill which reported a product of less than 50 M feet during these years. Returns for about 4,500 mills of this character were secured in both 1911 and 1910, but omitted from the tabulations. The decreases in 1911 as compared with 1910 of about 4,000 mills and 3,000,000,000 feet board measure of

lumber were doubtless due in part to a delay of about two months in mailing the schedule cards to the manufacturers in 1912.

While the industry of lumber manufacture is widely distributed throughout the United States, a production during the calendar year 1911 having been reported from every state but one, namely, North Dakota, it is interesting to note that nearly 36 per cent of the total cut was reported from the five states of Washington, Louisiana, Mississippi, Oregon and North Carolina, ranking in the order named. Furthermore, it will be observed that two of these five states are located on the Pacific coast and three in the south, which regions have in recent years become the principal centers of lumber production in the United States, their combined output in 1911 forming 68 per cent of the total cut for that year.

The reported cut of softwood lumber in 1911 was 28,902,388 M feet board measure, or 78.1 per cent of the production from all woods, while that of hardwood lumber amounted to 8,100,819 M feet board measure, or 21.9 per cent. The slightly larger proportion of the total production supplied by softwoods during 1911 as compared with the figures for the preceding year is a logical result of the drift in the lumber industry to regions which are chiefly coniferous or softwood.

The five leading species cut in 1911 were yellow pine, Douglas fir, white pine, oak and hemlock, ranking in the order named, the aggregate output from these woods being 26,835,285 M feet, or 72.5 per cent of the total production from all species. Yellow pine alone supplied 12,896,706 M feet board measure, or 34.9 per cent of the total, while oak, the leading hardwood, contributed 3,098,444 M feet, or 8.4 per cent.

The comparative summary for states gives these figures for coast states:

Washington—1908, 2,915,828; 1909, 3,862,916; 1910, 4,097,492; 1911, 4,064,754.
Oregon—1908, 1,468,158; 1909, 1,898,995; 1910, 2,084,633; 1911, 1,083,698.
California—1908, 996,115; 1909, 1,143,507; 1910, 1,254,826; 1911, 1,207,561.

REDDING LAND OFFICE MOVED.

REDDING (Shasta Co.), January 2.—The Redding Land Office closed its doors forever at 4:30 Tuesday afternoon. What little furniture could not be used in the office at Sacramento was sold at public auction.

All the records were packed up and shipped to Sacramento by registered mail. There were two big truckloads of them.

LINCOLN VOTES SCHOOL BONDS.

LINCOLN (Placer Co.), January 2.—By an overwhelming majority of 88 to 12 the bond issue for \$4500 carried here Tuesday. The passage of the above authorizes the Trustees of Lincoln School District to purchase a block of land diagonally across from the school building for \$3200 and place it in shape for playground purposes.

The block in question consists of sixteen city lots, 50x135 each, and when leveled will be a great addition to the school.

The question of the new playground was brought more forcibly to the people and Trustees this year on account of the increased attendance,

which jumped from 180 last year to 215 at the beginning of this term. This necessitated employing an additional teacher in the primary department.

The Board of Trustees composed of Mrs. Carrie A. Gladding, R. J. Toft and J. J. Banquier, will have the new block placed in order as soon as the County Board of Supervisors acts officially upon the bonds.

BANKRUPTCY PETITIONS.

The following petitions in bankruptcy have been filed in the United States district court: Albert A. Lynch, a hotel man at Stockton, liabilities \$21,532, assets \$11,324, of which amount \$465 is secured; Theo W. Hatch, painter living at Tracy, liabilities \$857, assets \$798; Ralph E. Parr, bookkeeper of Alameda, liabilities \$1115, no assets; Jordan & Lack and the Knickerbocker Ladies' Tailors of Oakland, liabilities \$2258, no assets.

CLEARING HOUSE GAINS.

San Francisco's clearing house gains for the year ending Tuesday night over 1911 was \$250,456,408.81, according to a compilation made by Manager Charles Sleeper. The 1912 total was \$2,677,561,952.27, the 1911 total \$2,427,075,543.46. The December gain for the last year was \$14,222,921.25, December, 1912, having a record of \$230,631,977.11, while the corresponding month a year ago \$216,109,055.86 was recorded. Tuesday the clearings were \$323,635.59.

IMMENSE SUM IN AUTOMOBILES.

SACRAMENTO, Jan. 2.—Californians spent \$43,740,000 during the year 1912 for automobiles, according to an estimate prepared by Joseph Mansfield, head of the automobile department of Secretary of State Jordan's office. Mansfield issued 29,160 permits during the year, an increase of approximately 10,000 over the number issued for the year 1911. The total registration since automobiles came into use are 92,199.

Estimating the average value of machines purchased at \$1,500, Mansfield finds \$43,470,000 was spent during the year for new machines.

California's total of permits now exceeds that of any other state, with 5000 more here than in the state of New York, which is next.

FIRST PERMIT ISSUED.

First Permit of the New Year Goes to Contractor J. D. Hannah for Pierce-Arrow Job.

The first building permit of the New Year was issued yesterday to Contractor J. D. Hannah for the construction of the four-story and basement reinforced concrete garage building which is to be erected for the Pierce-Arrow Company at the corner of Polk and Geary streets. The building will cost in the neighborhood of \$100,000 and was designed by Architect John Galen Howard. When completed the structure will be one of the handsomest and most costly automobile buildings in this city.

PANAMA CANAL EXCAVATION.

In spite of a rainfall for the month of October of 14.91 inches, the total amount of excavation at the Panama Canal reached 2,584,823 cubic yards, which works out at a daily average of 95,734 cubic yards for 27 working days.

There was placed in the dam 332,531 cubic yards of fill, and 66,754 cubic yards of concrete was laid.

WINE AND LUMBER PRODUCTS OF CALIFORNIA.

Wine and lumber constituted an important phase of California's prosperity during the year just closed, their activities meaning an interesting financial story of over \$40,000,000.

Southern Pacific and Santa Fe freight traffic officials approve as correct figures just prepared by L. E. Stanton, general agent of the Chicago, Milwaukee and St. Paul road on this coast, relative to the lumber and wine production of California in 1912.

Of lumber, 1,000,100,000 feet, excluding poles and ties, but including shingles, was produced. The output was valued at \$18,500,000. This is the first time in the history of the State that the lumber production has run over the billion mark.

Wine to the amount of 44,000,000 gallons was last year's record. Its value is placed at \$22,000,000.

Much of the lumber goes into box shooks and, as a covering for oranges, dried and canned fruits, vegetables, deciduous fruits and wine, reaches the eastern market. In fact, with 55,000 cars of oranges, 21,500 cars of dried and canned fruits, 14,500 cars of deciduous fruits, 2,000 cars of vegetables, 2,300 cars of cateloupes and 5,000 cars of wine, the quantity of lumber necessary to construct boxes and crates amounts to much more than if shipped as straight lumber.

The box lumber, however, is usually of the poorer grades and is unsuitable for any other purpose while fully answering the call for crates and boxes.

Of the better grades about 225,000,000 feet went East by rail to 2,000 destinations in forty States. An average carload is 20,000 feet and it takes over 16,000 cars to carry these shipments annually to points outside of California.

The largest consumption is west of the Missouri river, but shipments go as far as Maine on the North and Virginia on the South.

An equal quantity moves by sea to Australia, Honolulu, Central America, South America and England from the Bay of San Francisco.

The remainder, or about 500,000,000 feet, is used at home, in addition to shipments from Oregon and elsewhere.

About 30,000,000 gallons of California wine are consumed annually in the United States. Five quart-size bottles are used to each gallon of wine, making 220,000,000 bottles. Of this number 150,000,000 are used yearly in this country, or about one and a half bottles are used to each inhabitant. These figures are used to show the very small production and consumption per capita of California wine in this country—hardly five drops a day.

The quantity of wine produced in California is not one-fourth of the French output annually. Spain and Italy also lead this State. An average block of land in San Francisco is 275x412 feet. The California yearly output would cover this area to a depth of fifty feet and that of France to a depth of 220 feet.

Put in barrels, the annual wine yield here would weigh 440 million pounds, or 220,000 tons. The latter

would make a train of about 15,000 cars, with fifteen tons to the car. At \$15 per ton, the freight charges would be something like \$3,300,000.

Numerous cargoes of the wine go to the Atlantic seaboard by way of Cape Horn and Magellan straits. The Tehuantepec and Panama routes also handle large quantities. Enough of it went by the overland roads during the past two or three months to cause a serious shortage in refrigerator cars.

BIG GAS WELLS OPENED.

BAKERSFIELD, Jan. 3.—Forty million cubic feet of natural gas a day was added to the visible gas supply of California Wednesday night by the bringing in of a gas well by the Standard Oil Company on section 36-31-23 in the Buena Vista hills. It is the highest gasser now active on the Pacific coast and its roar may be heard six miles away.

The Standard will cap the well and turn its output over to the California Natural Gas company, which supplies Bakersfield and west side towns.

The gasser is 2500 feet deep and was drilled near the top of the Buena Vista hills with rotary tools, which are still in the hole. The gasser is near other big wells now producing.

REDUCTION IN WESTERN PACIFIC RATES.

The Western Pacific has announced a voluntary reduction in rates on certain commodities, these rates being applicable to points between this city and Magill and East Ely, on the line of the Nevada Northern. Some of the reductions follow. Canned goods, \$1.25 to \$1.15; table sauce, \$1.29 to \$1.17; cement, 43 cents to 40 cents; powder and explosives, \$2.28 to \$2.21; lumber, 31 cents to 28 cents; fruit and fresh vegetables, 94 to 86 cents; iron and steel (exception structural pieces), \$1.12 to \$1.05; structural iron, 94 to 84 cents; machinery, \$1.05 to 98 cents; nails, \$1.12 to \$1.07; paper, \$1.19½ to \$1.09½; soap, \$1.13 to \$1.03; sugar, \$1.20 to \$1.05.

The reductions are expected to enable San Francisco shippers to compete more strongly for the business between here and East Ely.

YEARLY REPORT OF BUREAU OF BUILDING INSPECTION.

Number, Cost and Classification of Buildings Erected in the Year 1912.

	Buildings.	Cost.
Class "A"	14	\$2,296,304.00
Class "B"	23	2,589,077.00
Class "C"	280	7,892,084.00
Frames	2523	8,561,669.00
Alterations	3476	1,999,429.00
	6316	\$23,338,563.00
Razed Buildings ..	310	
Complaints	611	

Report of 1911.

	Buildings.	Cost.
Class "A"	14	\$1,809,097.00
Class "B"	15	1,010,500.00
Class "C"	287	8,145,673.00
Frames	2514	8,345,956.00
Alterations	3249	1,604,248.00
	6079	\$20,915,474.00
Razed Buildings ..	348	
Complaints	571	
Fees Collected, \$30,320.20.		

PERMITS ISSUED FROM DECEMBER 27TH, 1912, TO JANUARY, 3RD, 1913

Class	No. of Bldgs.	Amount
Class "B"	1	\$93,773
Frames	27	55,667
Alterations	16	32,866
Total	44	\$182,246

PERMITS ISSUED OVER \$500 IN VALUATION.

JANUARY 2, 1913

SE Octavia and Sutter. Alter and add to dwelling. Cost, \$2000. Owner, Mrs. S. C. Miles.

W St. Charles 559 N Palmetto. One-story frame dwelling. Cost, \$1250. Owner, O. Hartman.

E Montgomery 51 N Washington. Addition to store. Cost, \$2900. Owner, L. Mastropasqua.

NE Excelsior 75 SE Naples. One-story frame dwelling. Cost, \$300. Owner, J. L. McGuire.

E 23rd 25 W York. Two-story frame residence. Cost, \$3500. Owner, Ferro Brothers.

NOTICE OF NON-RESPONSIBILITY.

Dec. 31, 1912.—NW ELLIS AND FILLMORE N 137-6XW 137-6. Katherine K Forbes, Geo H Roos, Roos Realty Co, Peninsular Realty Co and J W Treadwell Co by J W Treadwell, Mgr, as to improvements on leased property

MONTHLY REPORT.

Class	No of Bldgs.	Amount
Class "A"	2	\$ 80,000
Class "B"	1	30,292
Class "C"	23	305,120
Frames	152	510,682
Alterations	243	367,021
Total	421	\$1,083,126
December report for 1911, \$1,207,429.		

APPRECIATION OF REALTY VALUES

Fifty years ago New York was practically vacant country above Forty-second street. Even south of that point there was much unimproved land. At that time the railroads were beginning to populate the country through which their lines passed. They wanted business, both freight and passenger, and began a sort of campaign to encourage city people to move to the country. Real estate interests fought the railroads, claiming that there was no need for people to go forty or fifty miles outside the city to get into the country, for there was enough country right here to accommodate everybody.

To prove this the tax department made up a report in which it was shown that of the 141,456 building lots in Manhattan only 54,725 were improved, leaving 86,761 lots or two-thirds of the city unoccupied. Of the vacant lots the report showed that nearly 19,000 were south of Forty-second street, and that 78,000 were north of Forty-second street, 54,239 of which were above Eighty-sixth street.

The report closed by saying that there was room enough for all the rapid growth of the next 100 years, and that the railroad drains should not be permitted to go on or vacancies would still be larger. Subsequent years showed that these predictions were far astray, for in the next twenty-five years the unoccupied space in this city was cut down to not more

than 10,000 lots.

Though there are not many vacant lots in Manhattan now the supply of lots available for building improvement in this borough is probably as large today as it was fifty years ago. About 1000 buildings are torn down each year to make space for new buildings. It, therefore, is safe to say that more than half the buildings standing today will be torn down in the next fifty years or before the end of the century through which the tax department thought the supply of building lots in this city would last. New York Sun.

POTASH AND SALT DEPOSITS IN NEVADA.

Silver Peak marsh is a salt playa or dried-up lake of prehistoric origin about twenty miles west of Goldfield and twenty-five miles southwest of Tonopah, two well-known mining centers of Nevada. The exploration was made for the purpose of ascertaining whether deposits of potash salts in commercial quantities lie within easy reach of the surface. No extensive beds of such salts were discovered, although the salts in certain samples of brine contain as much as 3.43 and 3.80 per cent of potash (K₂O). Drill holes were sunk at several points in the old lake bed by means of a small portable drilling outfit, operated by a burro, the boring being carried to a depth of about fifty feet.

Practically the entire surface of the playa, thirty-two miles, is covered with salt that averages in depth about one-quarter of an inch. The upper muds, averaging probably ten feet thick, contain not less than 2 per cent of salt. It is estimated that no less than fifteen square miles of the northeastern part contains a ten-foot saline bed of which at least 60 per cent is salt. It is calculated from these moderate estimates that 15,000,000 tons of salt lies within forty feet of the surface. The high rate of evaporation, which would permit solar concentration of brines, the absence of long-continued rainfall to interfere with operations, the nearness of a railroad, and more especially the high degree of purity of the product as indicated by analyses of the brines, are extremely favorable features in regard to the possibility of utilizing these deposits.

Salt is now being produced on a small scale by Frank Porter of Silver Peak, who states that about 150 tons has been bagged and sold in three years.—Geological Survey Bulletin.

PURE WATER A NECESSITY.

Good Health Depends Primarily Upon Pure Air and Water.

The United States Geological Survey has made some elaborate reports in regard to the water supplies of the State, in many instances going into the analysis of the water itself and determining its use for drinking purposes.

The water supply of San Francisco is becoming a serious question. Not only as to quantity but also as to quality for drinking purposes. Fortunately the hills and mountains of the coast range abound in numerous springs and there is to be had in our city water for drinking purposes at a nominal figure that comes direct from the pure spring.

themselves. One of the best known of these is the **Crystal Spring Water Company**. It supplies water to offices and residences in large 5 gallon bottles with stands. The water comes direct from the Crystal Springs in San Mateo County and is absolutely pure. Analyses by Dr. Franklin T. Green, of the College of Pharmacy, University of California and Dr. Wm. P. Barbat, show the water to be absolutely free from organic and inorganic impurities. Further it contains the essential elements of pure spring water and is always cool and refreshing in the patent coolers that are furnished with the bottles. The office of the company is at 461 Valencia street.

RETARDATION OF DEVELOPMENT.

A study of the phenomena of growth of various groups of the same population has shown that early development is a concomitant of economic well-being, and that a characteristic of the poor is the general retardation in early childhood, and the later rapid growth. It follows from this that there is a corresponding, although not equal, retardation in early mental development, and a crowding of development processes later on, that probably place a considerable burden on the body and mind of the poor, which the well fed and cared for do not bear. The general laws of growth show also that a retardation kept up for an unduly long period can not be made up in the short period of rapid growth; so that it would seem that, on the whole, excessive retardation is an unfavorable element in the growth and development of the individual. Whether there are similar disadvantages in a considerable amount of early acceleration is not so clear.—Dr. Franz Boas, in Science.

SEATTLE FIRM LOSES CONTRACTS.

Employ Asiatics In Construction Work.

SACRAMENTO, Jan. 2.—Because an investigation indicates to the City Commission that the American Portable House Company of Seattle employs Japanese and Chinese in its building construction, that concern will not erect portable school houses for the Sacramento School Department.

The City Board of Education, of which members of the Commission are members, late Wednesday afternoon rescinded its action awarding the contract for the construction of the buildings to the Seattle concern.

The contract for the construction of the portable school houses, which will be used at Tenth and P streets, temporarily, to house children of the Capital School, was let about two weeks ago on the showing that the American Company was nearly \$1000 lower than the next lowest bid. The bid was \$3150. The lowest local bid was that of B. F. Lathrop, who offered to do the work for \$4724.

The School Board, after rescinding its action awarding the contract to the Seattle firm, voted to readvertise for bids. It is hoped by the Commissioners that bids of local contractors will be sufficiently low to keep the work at home.

The School Board was assisted in its investigation of the Seattle firm

by the local Building Trades Council, which was naturally interested in the matter.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10127. Bimetallic Wire.—The American charge d'affaires, Tangier, Morocco, has forwarded copies of the specifications and blank forms of proposals issued by the General Commission of Adjudications and Contracts for the Sheriefian Government of Morocco for the supply of bimetallic wire for the use of the administration. These papers can be obtained by interested firms from the Bureau of Foreign and Domestic Commerce.

No. 10131. Pumping plant.—Tenders are invited by the Wellington City Corporation for the supply and delivery of a Weir feed pump, wrought-steel piping, cast-iron fittings, etc., for the electric tramways department. Tenders made out on the proper form, will be received by the Town Clerk, Wellington, New Zealand, until February 6, 1913. Copies of the specifications and form of tender may be obtained from the office of the Tramway and Electrical Engineer, Harris Street, Wellington, on payment of \$5.11, which will be refunded on receipt of a bona fide tender. Local representation is necessary.

No. 10132. Grain elevators.—The Argentine Government invites tenders for grain elevators along railway lines in agricultural districts of an aggregate capacity of 1,000,000 tons, at an estimated cost of \$24,333,000.

No. 10133. Harbor works.—Tenders are invited relative to a important harbor works at Jaraguá, in the State of Alagoas, Brazil, and will be opened January 16, 1913, at the offices of the Directoria Geral, Ministerio de Viacao e Obras Publicas, Rio de Janeiro, Brazil. The price is put at about \$2,800,000. The works include the construction of wharves, docks, breakwaters, a bridge, railway lines, the carrying out of dredging operations, the provision of 3 locomotives, 30 wagons, 6 movable electric cranes, 1 fixed crane, etc. Local representation is necessary.

ESTATE BUILDS CAPITOL.

SALT LAKE CITY, Jan. 2.—The inheritance tax paid to the state of Utah by the estate of the late E. H. Harriman will cover about two-thirds of the cost of the erection of the state capitol, which was contracted for today. The estate paid the state nearly \$750,000 and this was set aside by the last legislature as a capitol fund. The building will cost \$1,040,000.

ARIZONA GREAT COPPER STATE.

Arizona has a recorded production of 3,494,333.111 pounds of copper, or 21.38 per cent of the total output of the United States since mining began. In 1911 Arizona produced 303,202,532

pounds of blister copper, as compared with 297,250,538 pounds in 1910. This is the largest output in the history of the state, according to E. S. Butler of the United States Geological Survey, and continues Arizona in first place among the copper-producing states. She produced 27.63 per cent of the total output of the country for 1911.

The steady output of copper from Arizona began about 1875, though there was intermittent production prior to that date, the earliest record of production being for 1862. Since 1880 the growth of the industry has been steady and rapid.

Nine copper-smelting plants operated within the State during the year 1912.

NORTH POINT SEWER OPENED.

The so called North Point sewer, the largest ever built in the city, costing \$1,500,000 and extending from the county line to the bay at the foot of Grant avenue, was opened for use for the first time Wednesday night.

An area of 11,500 acres is drained by the tunnel, which will afford drainage connection to the homes of 80 per cent of the city's population. One of the most important effects of the monster drain is that it removes the necessity of the many small sewers now discharging along the water front.

The number of outlets is reduced by the completion of the sewer from 125 to 5.

TEST S. P. ENGINES.

WASHINGTON (D. C.), December 30. The first annual report of the chief inspector of locomotive boilers of the Interstate Commerce Commission showed that the Southern Pacific Railroad owned 1,328 locomotives, in which 11,594 defects as to boilers were noted. Over 2,000 inspections of locomotives were made on this road during the last fiscal year, and 171 locomotives were ordered out of service for repairs or condemnation. The report covers boiler inspection on locomotives of all railroads in the West and elsewhere. The results were startling in some instances. The total number of defects discovered was 173,321 on about 48,768 locomotives that were found defective, and 3,377 locomotives were ordered out of service.

BIDS TO BE ASKED FOR DAMS.

SEATTLE, January 2.—By the adoption of a resolution by the Board of Public Works at its last meeting, it is made possible for contracting firms to submit bids for the construction of the Cedar Lake dam which is estimated to cost between \$1,000,000 and \$1,750,000.

The resolution reads as follows:

"That in order to definitely ascertain the cost of this work under the contract system, and if proved feasible and economical, to enter into a contract for same, the city engineer is hereby directed to prepare detail plans and specifications, etc., and to submit same to the Public Works Board for approval."

Superintendent of Buildings Ober voted for the contract system on this work but against certain restrictions which will be incorporated into the form of contract.

The dam in question will be one of the largest of its kind in the west, of

concrete construction and over 1500 feet long.

Plans will be ready for contractors about March 1st.

OSTRICH FARM AT BEACH.

Local capitalists will open the Golden Gate Ostrich Farm in the block bounded by 46th and 47th, Balboa and Sutro avenues in this city. This farm will be opened in January and will be the nucleus for an Ostrich exhibit at the Exposition in 1915. Robert Gurnett will be the manager of the farm, and he states that it will compare favorably with the ostrich farms in Sacramento, Oakland, Los Angeles and San Diego.

The buildings are now being erected for the housing of the ostriches within a few blocks of Sutro Heights. Twenty five birds will be installed in the local farm in January, and this number will be increased until the year of the Exposition, when it is expected that this city will boast the largest Ostrich Farm in the United States.

Gurnett states that there will be twelve pens and that the ostriches will be in pairs in these pens. Incubators will be used for the hatching of the birds. There will be a first-class Aviary in connection with the Ostrich Farm. It will be one of the show places in San Francisco.

NOTICE.

In a news item recently given out by the United States Geological Survey, the public was informed of the unwarranted use of cards bearing an official title by a private geologist connected with the Southern Pacific Co. which seemed to place the Government in a false light in connection with certain supposed petroleum lands in California. The press notice was an impersonal one, and some inquiry has been made as to the identity of this geologist. The statement is now made by the Geological Survey, as a matter of justice to other geologists who may be employed by the Southern Pacific Co., that Leon J. Pepperberg was the geologist referred to as having used semi-official Survey cards while in the employ of the railroad company.

LARGE INCREASE IN ILLINOIS AND OHIO COAL PRODUCTION.

Notwithstanding the 'two-months' shut down in the coal mines of Illinois in April and May, 1912, pending the adjustment of the wage agreement, it is estimated by E. W. Parker, of the United States Geological Survey, that the production of coal in the State during 1912 will show an increase of about 10 per cent over 1911. The favorable crop conditions caused an increased demand for coal, both for railroad and domestic fuel. This resulted in unusual activity at the mines during the last four months of the year, in spite of the exceptionally warm weather prevailing for that season and the small quantity of coal required for heating. The car shortage in the last third of the year was not an unmixt evil, for while at times annoying, it did not materially curtail the output and reacted beneficially in enabling operators to obtain generally higher prices. If cuts sufficient to meet all requirements for the full operation of the miner had been furnished in September and October, orders would have diminished consid-

erably, as many consumers and dealers placed duplicate orders with different producers in times of scarcity.

President-elect Wilson has stated that he is in favor of Philippine independence. Whether or not the motley population of the islands are fit for self-government or are capable of maintaining any kind of government is an open question. If we get rid of them it will certainly be a good thing for this country. They have been a costly experiment. And we are annually spending millions to maintain a colony in the orient, a place that is not a white man's country, and a place where we have no particular business.

We have long maintained what is known as the Monroe Doctrine. That is that the American continent is not to be considered a subject to colonization by European powers. And while we maintain this policy it is strangely inconsistent with our attitude in the far east.

Lumber and wine are important California products. More than 40 million dollars worth of these commodities were produced during the past year and a good part of it is exclusively California products. This is the only wine producing state. The foothills of the Golden State and the sunshine that bathes the hills of the Pacific slope produce the grape in abundant quantities. So that the only rival of the old world in this country is California and its wine is known the world over. Redwood is also a distinct California product. The vast forests of the northern part of the state furnish lumber that is shipped to various places. And together with the sugar pine the Sierra and the Coast ranges furnishes more lumber than the State needs.

WATER POWER RESERVATIONS MADE.

Water power reserves were created by the Secretary of the interior during October in California, Idaho, Montana, Oregon and Washington covering an area of 36,902 acres. The land was withdrawn from entry and the reserves made on the recommendation of the United States Geological Survey.

COMPLETION NOTICES.

San Francisco.

Dec. 2, 1912—NW POST & SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6 Mount Zion Hospital Cpn to A LynchNov. 29, 1912
Dec. 2, 1912—E CASTRO 101-6 N Valley 25x105. George M and Anna L Dorsey to whom it may concernNov. 27, 1912
Dec. 2, 1912—E TWELFTH AVE 275 N Balboa. A R Lapham to whom it may concernNov. 27, 1912
Dec. 2, 1912—S MARKET & FIFTH SE 165xSW 175. Panama Realty Co (cpn) to Macdonald & KahnNov. 27, 1912
Dec. 2, 1912—N SUTTER 112-6 E Hyde E 25xN 137-6 William and Emilie M Dooley to Otis Elev Co.Nov. 26, 1912
Dec. 2, 1912—W STOCKTON 65-9 S Vallejo. J E Walsh to M V BradyNov. 30, 1912
Dec. 2, 1912—W STOCKTON 65-9 S Vallejo. J E Walsh to M V Brady

Nov. 30, 1912—NW TURK & POLK N 137-6xW 137-6. German House Association to Palace Hardware Co.Nov. 26, 1912
Dec. 3, 1912—SE LOMBARD AND LANGUNA E 31-3xS 50. Eneas Kane to H KesslerNov. 26, 1912
Dec. 3, 1912—S LOMBARD 248 W Baker W 28xS 59-8 1/2. Paul and Yetta Schainman or Shalman to Mitrovitch Bldg Co.Dec. 3, 1912
Dec. 3, 1912—S CLEMENT 45 W 31st Ave W 50xS 100. Wm P O'Brien to W E GrantNov. 30, 1912
Dec. 3, 1912—NW NAPLES 25 NE Italy Ave NE 25xNW 100 ptn Lot 5 Blk 43 Excel Hd Ass'n. Wm S Ulmer to Stephenson & ParryDec. 2, 1912
Dec. 3, 1912—EXPOSITION SITE. Panama-Pacific International Exposition Co to Pringle, Dunn & Co.Nov. 29, 1912
Dec. 3, 1912—LOT 11 BLK "C" Park Lane Tet. Frederick Charles Jaeger to whom it may concernNov. 23, 1912
Dec. 3, 1912—E TWENTY-NINTH AV 325 S Clement S 25 E 131-5 1/2 NW 25-1 1/2 W 129-7 1/2. August H Zetterberg to John AndersonDec. 2, 1912
Dec. 3, 1912—E ELLSWORTH 100 N Eugenia Ave N 25x E 70 Lot 376 Gift Map No. 1. J E Carne to whom it may concernDec. 3, 1912
Dec. 4, 1912—S BUSH 107-6 W Grant Ave W 60 S 126 E 36-7 1/2 N 58-0 1/2 to apt 130-3 1/2 W Grant Ave and 62-11 1/2 S Bush E 23-2 1/2 N 67-11 1/2. Redmond W Payne to whom it may concernDec. 2, 1912
Dec. 4, 1912—LOTS 832 AND 834 Gift Map No. 3. John C Schmidt to whom it may concernDec. 2, 1912
Dec. 4, 1912—W WOODLAND AVE 18.33 from turning point in said Woodland Ave Lot 35 Blk "D" Sunset Heights. John Edwin Gurley to L C WoodbridgeNov. 26, 1912
Dec. 4, 1912—BLK BDED BY 47TH Ave. Sloat Blvd; Great Highway and Wawona. Jno J Barrett and Patrick Broderick to A H WilhelmDec. 2, 1912
Dec. 4, 1912—NE UNION & STEINER E 33-6 N 62-6 W 33-6 S to beg. Gustave Lachman to Ruegg Bros.Nov. 29, 1912
Dec. 4, 1912—N EIGHTEENTH 153 E Noe. Anna De Pass to C J StromwaldDec. 3, 1912
Dec. 4, 1912—S FILBERT 107-6 E Octavia 30x137-6. Giovanni Della Maggiora to G CavagliereDec. 3, 1912
Dec. 4, 1912—S O'FARRELL 173 E Pierce E 34xS 137-6. Joseph Sockolov to whom it may concernDec. 2, 1912
Dec. 4, 1912—N SUTTER 112-6 E Hyde E 25xN 137-6. William and Emilie M Dooley to Mangrum & Otter Inc.Dec. 3, 1912
Dec. 4, 1912—NE FRANKLIN & CALIFORNIA E 135-3xN 137-6. First Church of Christ Scientist to United Glass Works Co.Nov. 26, 1912
Dec. 4, 1912—E STANYAN, bet Buellah and Frerick. No. 820 Stanyan Bridge Bagala to Lincoln U GrantNov. 26, 1912
Dec. 4, 1912—NW MONTE & BUSH N 91-6xW 90. Edward Beck to A E LongDec. 2, 1912
Dec. 4, 1912—SUTTER No. 1971. Geo Bennett to Kronnick Bros. Sept. 4, 1912
Dec. 4, 1912—N SUTTER 112-6 E

- Hyde E 25XN 137-6. Wm and Emilie M Dooley to A Grading.....Dec. 2, 1912
- Dec. 1, 1912—E DE LAND, being Lot 4 BK "G" Mission Terrace, Joseph S Busby to N F N. Olson, Dec. 3, 1912
- Dec. 5, 1912—W NINETEENTH AVE 275 S Geary S 25XW 120. C Willoughby to A Sunberg.....Nov. 6, 1912
- Dec. 5, 1912—NW RUSSELL AND SANMERE, N 137-6XW 67-6. Standard Oil Co to Gladding McBean & Co., Nov. 26, 1912
- Dec. 5, 1912—SE POLK AND PINE E 87-6 S 120 W 25 N 90 W 62-6 N 30. J S Oleovich to Daniel O'Neill.....Nov. 26, 1912
- Dec. 5, 1912—ST. FRANCIS WOOD, Westgate Park Co to J R Ritchie & Co.....Nov. 27, 1912
- Dec. 5, 1912—E GOUGH 85 N Green N 30XE 110. S. J. Dey and Clotilde Williams to J D Bell.....Dec. 5, 1912
- Dec. 6, 1912—W BANKS 75 S Eugenia Ave S 25XW 70 Lot 532 Gift Map No. 1. Henry A Sala to whom it may concern.....Dec. 4, 1912
- Dec. 6, 1912—N VALLEJO 117-4 W Montgomery W 20-2XN 62-6. A Puccinelli to A Brisa & Co.....Dec. 5, 1912
- Dec. 6, 1912—S MARKET 227 m or 1 W 6th. Nathan & Am Lester to Daniel O'Day & Co.....Dec. 6, 1912
- Dec. 6, 1912—S JESSIE & ANNIE SW 32-6XSE 40. Frederick Hless to Williams Bros & Henderson.....Nov. 27, 1912
- Dec. 6, 1912—N SUTTER 112-6 E Hyde E 25XN 137-6. Wm and Emilie M Dooley to Central Elec Plumbing & Heating Co., Dec. 4, 1912
- Dec. 7, 1912—E FOLSOM 60 N 21st N 25XE 95. Simon and Bridget Shannon to B Martin.....Dec. 6, 1912
- Dec. 7, 1912—F McALLISTER 106-3 W Scott W 27-6XN 137-6. Otto Laist to L G Bergen & Son.....Dec. 6, 1912
- Dec. 7, 1912—W FORTY-FIRST AVE 150 E Anza S 50 W 62-6 NW to pt opposite to Leg E 49-6. E O Nelson and Dora E Sandow to G Aimar.....Nov. 30, 1912
- Dec. 7, 1912—SE BUSH & GRANT Ave S 120 E 68-6 N 60 E 46-6 N 60 W 69. M Fleishacker to Alex Coeman.....Dec. 5, 1912
- Dec. 7, 1912—N WASHINGTON 79-2 W Cherry E 79-2 N 50-4 W 71-6 S 50-10. Ben Liebes to L M Zimmerman, Nov. 1; J E Steere, Nov. 6; Robt Daiziel Jr, Nov. 15; McWhirter & Drake, Nov. 20; Taylor & Co., Nov. 30, 1912.....Nov. 30, 1912
- Dec. 7, 1912—S CLAY 164-6 W Broderick 20-3x127-8 1/4. Alys Miller to E B Hallett.....Nov. 27, 1912
- Dec. 7, 1912—SW CHESTNUT AND Laguna W 25XN 71. Panama-Pacific International Exposition Co to N H Pear on.....Dec. 5, 1912
- Dec. 7, 1912—LOT 297 Gift Map No. 1 on W Ellisworth 150 S Powhat in. Jno C Ludwig to whom it may concern.....Nov. 16, 1912
- Dec. 9, 1912—W FILLMORE 28-6 N O'Farrell N 57XW 100. Emma S Owens to J S Hannah, Nov. 30, 1912; Adam Arras.....Dec. 16, 1912
- Dec. 9, 1912—S CHESTNUT 104-9 W Taylor W 32-9XSE 145. P and L Da San Martino to D Francesoni and 137-8 E Leavenworth E 68-6XN G Ferroni.....Dec. 9, 1912
- Dec. 9, 1912—N GOLDEN GATE AVE 137-6. Knights of Columbus Hall Association of S F to Central Elec Plumbing & Heating Co., Nov. 29, 1912
- Dec. 9, 1912—N TWENTY-FIRST 50 W Florida 25X104. Eremigio Palma to Demartini & Chlappe, Dec. 9, 1912
- Dec. 9, 1912—N GREEN 150 W Buchanan W 25XN 137-6. Frank H Peters to B Beenas.....Nov. 29, 1912
- Dec. 9, 1912—NE EDDY & GLASGOW 11 J Kniz. O Robt Trout, Dec. 9, 1912
- Dec. 9, 1912—SW EDINBURGH 175 S Brazil Ave 25X100. Albin Warden to whom it may concern, Dec. 9, 1912
- Dec. 10, 1912—NW MISSION AND Fourth — 120 W 75 S 130 E 75. T P Kavanagh, as agent A W Scholle to Holm & Son, Dec. 10, 1912
- Dec. 10, 1912—NW NAPLES 125 SW Russia Ave SW 25XNW 100. Obie L Woodhams to V Philipps, Dec. 3, 1912
- Dec. 10, 1912—NW FELL & CENTRAL Ave N 125 W 106-3 S 25 E 50 S 100 E 56-3. D S Dorn to Hoiger Nelson and Carl Nelson, Dec. 9; M Levy.....Nov. 13, 1912
- Dec. 10, 1912—S KIRKHAM (K) 82-6 E 11th Ave E 25XN 100. William H and Mary A Woodall to whom it may concern.....Dec. 7, 1912
- Dec. 10, 1912—SE LISBON 275 NE Persia Ave NE 25XSE 100 ptn Lot 3 Bk 28 Excel Hd Ass'n. J J McCormick to Fred Warden, Dec. 5, 1912
- Dec. 11, 1912—NW MISSION 75 NE Norton 25X100. Robt E Baines to Jos Blahnik.....Dec. 7, 1912
- Dec. 11, 1912—N JACKSON 70 E Leavenworth E 22-6XN 92-6. Jas J and Johanna Manseau to J J Manseau.....Dec. 9, 1912
- Dec. 11, 1912—W DIAMOND 210 N 23rd N 25XW 115-9. Emil and Elsie Nelson to whom it may concern.....Dec. 9, 1912
- Dec. 11, 1912—NW TURK AND POLK N 137-6XW 137-6. German House Association (cpn) to Forlander Cornice Works, Dec. 2, 1912; A Haus, Dec. 2, 1912; Joseph Musto Sons-Keenan Co, Dec. 2, 1912; Val Franz, Dec. 2, 1912; Helty Bros, Dec. 5, 1912; Smyth Bros.....Dec. 2, 1912
- Dec. 11, 1912—NE EAGLE 172-7 E Mono NW 25-4 N 71 SE 43 S 60 ptn Rk 4 in Bk 10 Market Street Hld Association. Jenenius Mikelsen to whom it may concern.....Dec. 7, 1912
- Dec. 11, 1912—PALOU AVE NO. 1047 bet "H" and Griffith. Fred Simmen to Lasar Aydukovich.....Dec. 6, 1912
- Dec. 11, 1912—SE MARKET 100-0 1/4 NE 7th NE 50-6XSE 165. James D Phelan to Schrader Iron Works.....Dec. 3, 1912
- Dec. 11, 1912—W GUERRERO 75 S Dorland S 25XW 125. Morris Stulsaft Co to John J Binet, Dec. 10, 1912
- Dec. 11, 1912—SE JESSIE 32-6 SW Annie SW 105 SE 80 NE 50 NW 39 NE 25 NW 41. Sharon Estate Co to Clinton Fireproofing Co.....Dec. 10, 1912
- Dec. 11, 1912—E HOWARD & THIRD NE 80-6XSE 55. A W Morton to A H Wineim, W S Snook & Sons, Mangrum & Otter and Read & Co.....Dec. 7, 1912
- Dec. 11, 1912—N CRESCENT AVE 57-6 W Gates W 25XN 70. Knut Anderson to whom it may concern.....Dec. 9, 1912
- Dec. 11, 1912—S ANZA 95 E Fifth Ave — 25 S 100 W 25 N 100. E D Street to Stevenson & Gowan.....Dec. 11, 1912
- Dec. 11, 1912—THIRTY 190 E Orizaba 30X125. Mary T Farrell to Wm H Grahm.....Nov. 17, 1912
- Dec. 11, 1912—S BROADWAY 181-3 W Devisadero W 30XSE 265-2 1/4. A S and C L Griffith to T Cavanagh and L Vezina.....Dec. 5, 1912
- Dec. 12, 1912—E DEVISADERO 27-6 N Pine N 27-6XE 100. Louise H Flach to Powers & Pike, Nov. 27; N P Anderson.....Nov. 29, 1912
- Dec. 12, 1912—FOURTEENTH NOS. 479-489. Michael and Katherine Hayes to A W Spelt.....Dec. 10, 1912
- Dec. 12, 1912—E TWENTY-FIFTH Ave 190 N Lake N 60XE 120. Chas P and Esther J Cain to whom it may concern.....Dec. 11, 1912
- Dec. 12, 1912—E EIGHTEENTH AVE 125 N "T" N 50XE 120. Patrick & Wilhelmina Butler to Parkside Home Bldg Co.....Nov. 16, 1912
- Dec. 12, 1912—NE SHIPLEY 302 NE 6th 23-0 1/2X75. Ernest Mietzsch to whom it may concern, Dec. 11, 1912
- Dec. 12, 1912—NE NOE AND ARMY E 80XN 114. J Kemp to whom it may concern.....Dec. 11, 1912
- Dec. 12, 1912—W CAROLINA 525 N 22nd N 25XW 100. Thomas and Margaret Hutchinson to whom it may concern.....Nov. 29, 1912
- Dec. 12, 1912—SW VAN NESS & FULTON N 120 W 109-9. I Selig Estate Inc to Chas Wright.....Dec. 9, 1912
- Dec. 13, 1912—W TWENTY-FOURTH Ave 125 N Geary N 25XW 120. Jas Gray to Byron J Hooper, Dec. 12, 1912
- Dec. 13, 1912—NW VAN NESS AVE and Oak W 157-6 N 80 W 21 N 40 E 178-6 S 120. Masonic Temple Ass'n to Clinton Fireproofing Co, Dec. 10, 1912
- Dec. 13, 1912—NE MARIPOSA AND Mississippi (spelled Mississipi in document) 30 on Mississippi and 50 on Mariposa. Fred Atzeroth to whom it may concern, Dec. 12, 1912
- Dec. 13, 1912—NE VALLEY AND Castro N 26-6XE 105. Harry and Bessie Harold to Martin Smith.....Dec. 13, 1912
- Dec. 13, 1912—NE SIXTEENTH AND Julian Ave N 95XE 84. C F Lewis and W H Hyde Jr to C P Moore Bldg Co, R Zelinsky, A Davis, General Eng Co, Globe Elec Works.....Dec. 6, 1912
- Dec. 13, 1912—W TAYLOR 62-6 N O'Farrell N 75 W 193-6 S 75 E 56 N 25 E 50 S 25 E 87-6. The Judson Wheeler Co to Wm Heibing Co.....Dec. 13, 1912
- Dec. 13, 1912—W SCOTT 55 S Green S 37-6XW 110. J F Peters to Thos Elam & Son.....Dec. 13, 1912
- Dec. 13, 1912—N BUSH 88-6 E Jones, E L Herter to Ralston Iron Wks.....Dec. 11, 1912
- Dec. 14, 1912—S FREDERICK 200-7 1/4 W Cole W 25XN 137-6. Catherine G and Annie E Smith to J V Campbell.....Dec. 12, 1912
- Dec. 14, 1912—E MASONIC AV 339-6 S Waller S 25 E 112-6 NE parallel with Buena Vista Ave 20 NW 20 W 105-5. Florence White Donegan to C J and W J Keenan.....Dec. 4, 1912
- Dec. 16, 1912—WESTERN ADDN Rk No. 402 Bldg by Bay, Steiner, Francisco and Pierce. Panama-Pacific International Exposition Co to D J and T Sullivan Inc., Dec. 13, 1912
- Dec. 16, 1912—W FORTY-FIFTH AV 200 S Lincoln Way (H) S 25XW 120. Elizabeth J Eaton to whom it may concern.....Dec. 14, 1912
- Dec. 16, 1912—E MOLTERIE 125 S Powhattan Lot 224 Gift Map No. 1.

- P W Montroult to whom it may concern.....Dec. 16, 1912
- Dec. 16, 1912—NE ELIZABETH AND Castro N 26-6xE 105. Anna A. Fee to M C Rensch.....Dec. 13, 1912
- Dec. 16, 1912—E THIRTEENTH AVE 175 S Lincoln Way (H) S 75xE 120. The Greater City Lumber Co to J E Chandler.....Dec. 13, 1912
- Dec. 16, 1912—W STANYAN 625 S Parnassus Ave S 25xW 111. Karl Yngve to whom it may concern.....Dec. 16, 1912—SW POST & LARKIN W 95xS 30. W J Horstmann and M Stelling to Frank H Klumm.....Dec. 6, 1912
- Dec. 16, 1912—NW MONROE & BUSH N 91-6xW 80. Edward Beck to Martin Peterson, Dec. 13; Mike Kirwan and Jos T Donovan.....Dec. 13, 1912
- Dec. 17, 1912—N FILBERT 62-6 E Laguna. Edward, Emma, Philip, Chas and Frank Werner to J J Harcom.....Dec. 12, 1912
- Dec. 17, 1912—E POLK 85 S Turk S 24-6xE 87-6. J B V Laplace to J Collin.....Dec. 16, 1912
- Dec. 17, 1912—S CALIFORNIA 120-7½... E Palm Ave E 25-1½ S 114.33 W 25 N 111.82. W F Ambrose to Ira W Coburn Inc.....Dec. 13, 1912
- Dec. 17, 1912—E TWENTY-FIRST Ave 125 S Clement S 25xE 120. Jeanette Yates to whom it may concern.....Dec. 17, 1912
- Dec. 17, 1912—W FORTY-EIGHTH Ave 162-6 N Kirkham N 25xW 120. Jerome Bender to F C Ruggles.....Dec. 16, 1912
- Dec. 17, 1912—NW MISSION 36 NE Randall NE 45-10 W parallel with Randall 118 S 42 E to beg. Julius Fritzsch to A E Olson.....Dec. 17, 1912
- Dec. 17, 1912—S O'FARELL 159-6 E Jones E 57-9xS 137-6. Frank S Kelly to R De Luca.....Dec. 14, 1912
- Dec. 17, 1912—N GEARY 32-6 W 12th Ave W 50x100. Thomas Scoble to whom it may concern.....Dec. 15, 1912
- Dec. 17, 1912—E TWELFTH AVE 175 N Noriega (N) N 25xE120. J W Wright & Sons Invest Co to R L K McMillin.....Dec. 14, 1912
- Dec. 18, 1912—"E" NO 558. C C Martin to M P Kempton.....Dec. 17, 1912
- Dec. 18, 1912—N CLAY 172-6 W Larkin W 32-6xN 127-8½. W W Vager to whom it may concern.....Dec. 17, 1912
- Dec. 18, 1912—SE MARKET 150-1½ NE Seventh SE 165-1 to a pt 150-1½ NE from NE 7th NE 75 N 165-1 SW 75. Boston and S F Amusement Co to Charles Floodberg and Hugh McCaffery.....Dec. 7, 1912
- Dec. 18, 1912—NE LAKE AND 24TH Ave E 70 N 90 E 10 NE 36.40 W parallel with N Lake 90 S 125. Lots 16 and 17 and W ½ of Lot 15, West Clay Park. Milton E Getz to Henry Kern, Dec. 11; O G Holt.....Dec. 11, 1912
- Dec. 18, 1912—W TWENTY-THIRD Ave 175-6 N Judah W 130xN 37-6. Eugene A Wiegand to Duffy & Welch.....Dec. 1, 1912
- Dec. 18, 1912—SE POLK AND FINE E 87-6 S 120 W 25 N 90 W 62-6 N 30. J Olcovich to John G Sutton Co, Dec. 13; M Cohn & Co.....Dec. 14, 1912
- Dec. 19, 1912—W Front 26-6½ N Market N 92-8xW 137-6. A B Spreckels to A Lynch.....Dec. 14, 1912
- Dec. 19, 1912—S IRVING 73 W 9th Ave W 72xS 100. Patrick Furlong to Lamser & Pliske.....Dec. 17, 1912
- Dec. 19, 1912—W HAMPSHIRE 140 S 25th S 30xW 100. Alfred W and Mary T Neale to P Buhman.....Dec. 19, 1912
- Dec. 19, 1912—W TUSCANY ALLEY 69-6 S Lombard 34x64-9. L Banchero to Demartini & Chiappo.....Dec. 18, 1912
- Dec. 19, 1912—N FAIR AVE 135-6½ E Mission (as widened) E 22-11½ xN 100. Effie A Wilson, known as E A Wilson to J D Bell, Dec. 19, 1912
- Dec. 20, 1912—S EDITH 140 W Grant Ave 20x90. Pio Cecchi to Clemente Rosina.....Dec. 19, 1912
- Dec. 20, 1912—N LAKE 211 W 22nd Ave W 90 N 123-7½ SE 90-3½ S 120 Lot 8 and ptn Lots 7 and 9 West Clay Park. Frederick Hohweiser to Wm S Snook & Son.....Dec. 18, 1912
- Dec. 20, 1912—LOT 217 Gift Map No. 3. H T Doherty to Ole M Engelsson.....Dec. 20, 1912
- Dec. 20, 1912—NE UNION & STEINER E 33-6 N 62-6 W 33-6 E to beg. Shumate's Pharmacy Inc to Brutcher & Serna.....Dec. 13, 1912
- Dec. 20, 1912—E CONNECTICUT 125 SE 19th S 25xE 100. John and Margaret McCormick to whom it may concern.....Dec. 10, 1912
- Dec. 20, 1912—BROADWAY NOS. 550 and 552. Alibert, Esmiol and Bernard, Lessees to Fred Titt & Son.....Dec. 16, 1912
- Dec. 19, 1912—E GOUGH 100 S California S 37-6xE 105. Jacob Jacobs to A Newmark.....Dec. 14, 1912
- Dec. 19, 1912—E ELEVENTH AV 75 S California S 25x82-6. Thos Scoble to whom it may concern.....Dec. 19, 1912
- Dec. 20, 1912—S GLEEN 105 E Broderick E 32-6xS 137-6. Julia Edith Wolf to William Martin, Dec. 19, 1912
- Dec. 20, 1912—W VERNONT 75 S 23d S 25xW 100. Olaf T and Elizabeth Knutsen to A A Wesendunk.....Dec. 4, 1912
- Dec. 21, 1912—SE BUSH AND GRANT Ave S 120 E 68-6 N 60 E 6 in N 60 W 69 to beg. M Fleishacker to Forderer Cornice Works, Dec. 18; Van Emon Elev Co, Dec. 13; I R Kissel.....Dec. 18, 1912
- Dec. 21, 1912—W THIRTY-SEVENTH Ave 175 S Lincoln Way S 25xW 120. Lincoln U Grant to whom it may concern.....Dec. 11, 1912
- Dec. 23, 1912—S MARKET 26-6½ W Front — 92-8 W 137-6 S 92-8 — 137-6 to beg. A B Spreckels to Harry Graper.....Dec. 21, 1912
- Dec. 23, 1912—NW TURK AND POLK N 137-6xW 137-6. German House Ass'n to Van Emon Elec Co, Dec. 16; California Plate & Window Glass Co, Dec. 16; J G Sutton Co, Dec. 16, 1912
- Dec. 23, 1912—E ELEVENTH AVE 225 S California 25x120. John Johnson to whom it may concern.....Dec. 21, 1912
- Dec. 23, 1912—NW MONROE AND Bush N 91-6xW 80. Edward Beck to Standard Elec Constr Co.....Dec. 20, 1912
- Dec. 23, 1912—E SEVENTH AVE 200 S Geary S 25xE 120. Andrew O Thulin to O E Anderson, Dec. 21, 1912
- Dec. 23, 1912—SW TWENTY-SECOND and Diamond W 23-6xS 60. John Bjorkman to whom it may concern.....Dec. 20, 1912
- Dec. 21, 1912—N FILBERT 30 W Taylor 30x60. Angelo and M Cafferata to Louis N Devincenzi.....Dec. 21, 1912
- Dec. 21, 1912—BLK BDED BY ARMY Duncan, Valencia and San Jose Ave. St. Luke's Hospital to Peerless Fireproofing Co.....Dec. 18, 1912
- Dec. 23, 1912—W TWELFTH AVE 225 S Lake S 25xW 120. Marietta Dyar to Percy D. Tyler.....Dec. 23, 1912
- Dec. 23, 1912—W TWELFTH AVE 225 S Lake S 25xW 120. Marietta Dyar to Percy D Tyler.....Dec. 23, 1912
- Dec. 23, 1912—SW SIXTEENTH AND Dolores. R C Archbishop of S F to Central Iron Works.....Dec. 17, 1912
- Dec. 23, 1912—NW TURK AND POLK N 137-6xW 137-6. German House Association to H Williamson Co.....Dec. 16, 1912
- Dec. 24, 1912—N MISSION 375 W 7th N 165xW 62. Abby Frink Bickel to W W Hayes.....Dec. 18, 1912
- Dec. 24, 1912—S ALVARADO 180 W Castro W 25xS 114. Daniel Wolff Jr to whom it may concern.....Dec. 23, 1912
- Dec. 24, 1912—S TWENTY-SIXTH 80 E Noe 25x114. Ralph J Button to whom it may concern.....Dec. 24, 1912
- Dec. 24, 1912—E MASONIC AVE 389-6 S Waller S 25x112-9. H Oppenheim to Keller & Crane.....Dec. 24, 1912
- Dec. 24, 1912—SE MISSION 150-4 NE Second NE 49-8 SE 160 SW 58-8 NW 80 NE 9 NW 80. George W Brooks to R A Chisholm, Dec. 19; Otis Elev Co.....Dec. 21, 1912
- Dec. 24, 1912—W FOURTH AVE 350 S Irving S 25xW 120. Matthew A Little to whom it may concern.....Dec. 23, 1912
- Dec. 24, 1912—SE MISSION 150-4 NE Second NE 49-8 SE 160 SW 58-8 NW 80 NE 9 NW 80. George W Brooks to John G Sutton Co.....Dec. 21, 1912
- Dec. 26, 1912—COMG 26-6½ from NW Market and Front — 92-8 W 137-6 S 92-8 E 137-6. A B Spreckels to John Peacock.....Dec. —, 1912
- Dec. 26, 1912—W FOURTEENTH AVE 125 S California S 30xW 137-6. Thomas Scoble to whom it may concern.....Dec. 18, 1912
- Dec. 26, 1912—E HOWARD & THIRD NE 80-1xSE 55. A W Morton to Beach Elec Co.....Dec. 18, 1912
- Dec. 26, 1912—SE NINTH AVE & "J" 57-6x100. Leon Di Nola to Benj R Halling.....Dec. 24, 1912
- Dec. 26, 1912—SE MARKET 150-1½ NE 7th SE 165-1xNE 75. Boston & San Francisco Amusement Co to Mechanical Install Co.....Dec. 23, 1912
- Dec. 26, 1912—SW EDDY & MASON W 137-6xS 137-6. Down Town Realty Co to Louis Gilbertsen and F John.....Dec. 21, 1912
- Dec. 26, 1912—SW O'FARELL AND Carlos Place S 57-6 E 2-6 S 40 W 60 N 97-6 E 57-6. Levy Real Estate Co to Brandon & Lawson.....Dec. 23, 1912
- Dec. 26, 1912—NW ARLING TOWN 44-85. SW Charles SW 26-8½ NW 7-8 3 in or 1 NE 25-1½ SE 83-5½ Lot 13 Blk 16, Fairmont. William J Sullivan to whom it may concern.....Dec. 20, 1912
- Dec. 27, 1912—W THIRTY-FIFTH Ave 180 N Cabrillo N 30xE 120. August Klahn to whom it may concern.....Dec. 26, 1912
- Dec. 27, 1912—LOT 80 Corona Heights. August Klahn to whom it may concern.....Dec. 21, 1912
- Dec. 27, 1912—W CAMP 35 N 19th N 30xW 72-6. Joe E and Annie O'Brien to S J Sterner.....Dec. 14, 1912
- Dec. 27, 1912—W SEVENTH AVE (Galvez Ave) 73 E "M" (Mendell) SE 24xNE 29. Bertha Lill hied to Henry Henrichs.....Dec. 19, 1912
- Dec. 27, 1912—N MARKET 25-6½ W Front — 92-8 W 137-6 S 92-8 E

PATENTS

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137-6. A B Spreckels to Wm A Snook & Son.....Dec. 26, 1912
Dec. 27, 1912—B NINTH AVE 25 S Cabrillo S 25x E 100. John Easton to C A Rushton.....Dec. 26, 1912
Dec. 27, 1912—N FULTON 137-6 W Steiner N 137-6x W 55. I N Hunsen to John Casty, Petersen-James Co and Gercke & Feilbach.....Dec. 23, 1912

NEW INVENTIONS.

Reported especially for this paper by H. B. Willson & Co., Patent Attorneys, 715 Eighth street, N. W., Washington, D. C.

A complete copy of any of these patents will be forwarded to any person by Messrs. Willson & Co., on receipt of 10 cents. Persons ordering copies must give number of patent.

1,047,930. Floor Construction for Buildings. Frank B. Gilbreth, Boston, Mass.

1,047,966. Ventilating Device. Andrew Malinovsky, Schenectady, N. Y., assignor to Jacob J. Urschel, Toledo, Ohio.

1,047,987. Method of Constructing Walls of Concrete. Isham Randolph, Riveride, Ill.

1,048,019. Machine for Moving and Depositing Concrete and other Plastic Material. Wyllie G. Wilson, Elizabeth, N. J., assignor to W. G. Wilson & Co., Montclair, N. J.

1,048,219. Mounting for Sliding Doors Alert Voigt, New York, N. Y.

1,048,471. Door. E R St. John, Pittsburgh, Pa.

TO REVISE FLOOD CONTROL.

Major S. A. Cheney, United States Engineer in charge of the Sacramento River, has received formal instructions from the Federal Board of Army Engineers at Washington to proceed with an announced revision of the Sacramento Valley Flood Control Project. In accordance with his orders, Major Cheney has sent out, in the name of the California Debris Commission, the following circular, which will be sent to all residents of the valley who are interested in the proposed changes to be made in the project:

"The California Debris Commission has been called upon by the War Department for a report as to any subsequent information bearing upon the report of the Board of Engineers for rivers and harbors, dated December 27, 1910, on the control of floods in the Sacramento and San Joaquin Valleys.

"This report has been referred back to the Board of Engineers for examination and review by the Committee on Rivers and Harbors of the House of Representatives on December 2, 1912.

"As it has come to the notice of this Commission that few have expressed an interest in this matter, you are hereby informed that the Commission will convene to consider your views in the matter, preferably expressed in writing, not later than January 15, 1913."

The instructions received by Major Cheney were very brief, and practi-

cally leaves the matter of revision to his discretion, insofar as preparation of a report is concerned. Major Cheney is instructed, however, to submit his report at the earliest possible date.

NEW RAILROAD INTO LAKE COUNTY.

LAKEPORT (Lake Co.), January 6.—The construction of the Santa Rosa and Clear Lake Railroad, which is still a live issue, according to recent reports, will be a link in a new route between San Francisco Bay or north coast points and the Sacramento Valley. The line is to be extended from Clear Lake into the Sacramento Valley eventually.

The road will be part of the Golden West Scenic System, and will be a valuable traffic aid, replacing stage lines and freight teams in two directions. For all the north of the bay counties it will furnish a shorter route to Sacramento and other Valley points. It will be particularly advantageous to the thousands of Summer visitors to Lake County resorts.

MONTHLY REPORT OF STATE SECRETARY.

Secretary of State Frank C. Jordan last Friday afternoon announced the report for business transacted in his office for the month of December and for the year 1912. The report shows that the total receipts for 1912 was \$1,170,330.93. The department totals making up the general total for the year were as follows: Fees from the registration of motor vehicles, \$74,803; general office fees, \$281,249.18; corporation license taxes, \$808,873.75, and candidates filing fees, \$5,905. During the month of December the fees amounted to \$16,220.90; corporation license tax, \$6,143.75; registration of motor vehicles, \$6,594.50. There were 241 new corporation licenses issued, 43 corporations were dissolved.

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THIS WEEK'S ILLUSTRATIONS:

Front Elevation, Section and Two Floor
Plans Of the United States Subtreasury
Building To Be Erected In San Francisco.
Designed By Architect Milton J. Dyer,
Cleveland, Ohio. Award Of Contract
Now Pending In the Office Of the Super-
vising Architect, Oscar Wenderoth.

TUESDAY, JANUARY 14, 1913.

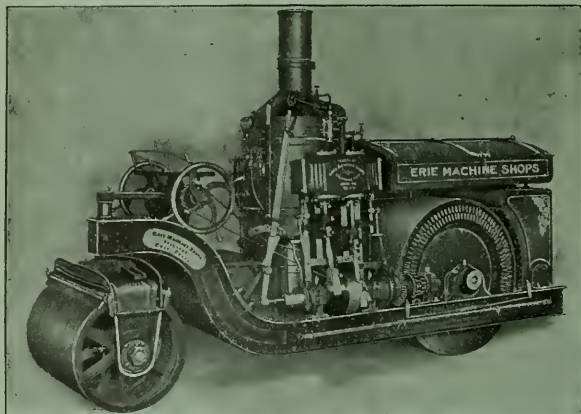
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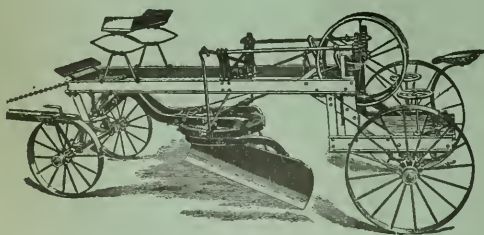
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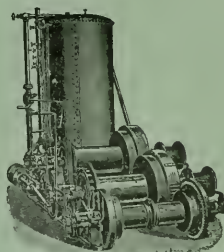


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Editorial Comment.

In last Sunday's edition of the Chronicle, called The Marvelous California Edition, it prints some quarter page pictures of what it calls the makers of California. And in that the face of Patrick Calhoun leads all the rest. Shades of our ancestors! This is the leading citizen of the state, the purest patriot and the one to whom we should look up for an ideal of citizenship. How much did Calhoun and Mullally and the rest of them pay for their pictures and the write up that graces the pages of the Chronicle? Is this the reward of the Chronicle's diligent defense of special privileges and its means of getting even for its faithful servitude of the special interests?

And these are the editions that are to exploit California resources and California citizenship and is to be sent throughout the world as a promotion edition. From the looks of the edition the makers of California are those who are able to pay for the advertisements.

The new Municipal Railway on Geary street has started out auspiciously. The cars are good and the service for the number of cars is excellent. It is to be hoped that the line will be extended to the fair site and on other streets as conditions will admit. For even if the system does not make any money on the start or if it goes behind the people will cheerfully bear the loss to get some relief from the domination of the trolley trust. This talk about the genius of Patrick Calhoun and the superlative wisdom of private ownership is all nonsense. The first requisite of a public utility is to serve the public. As conducted by Calhoun or private capital the first requisite is to pay the interest on the bonds and dividends on the capital stock about two-thirds of which represents nothing but promoters' fees. Under such conditions the public gets it in the neck. Labor is paid the least amount it can be paid and the cost of equipment and accommodations for passengers is kept at the lowest notch. If the public is served properly by the municipal railway a lot of this talk about the superior wisdom of financial magnates and the divine right of private capital will cease.

The reports in the newspapers state that this committee of investigation into the methods of the money trust has disclosed the fact that the support that J. Pierpont Morgan gave to the country in 1907 was simply to distribute thirty-nine millions of money belonging to the government. This

money was given to him without interest and he loaned it out at 6 per cent. The newspapers of the time had him pictured as some giant colossus or caryatid holding up the financial edifice that threatened to incontinently topple from turrent to foundation stone. The New York World at that time printed an editorial to the effect that while a business man, no matter if he had ten millions in good assets, could not go to the banks and borrow ten thousand dollars during November 1907. Yet the records showed that there was more money loaned during that month than in any other in the previous history of New York. And it was loaned to the inside directors of great banks and trust companies, who were thereby enabled to gobble up most of the gilt edged securities at a very low figure. Surely the method of these money barons do need investigation. It is high time that they be seen in their true light and be taken for what they are worth. Not condemned indiscriminately by cranks or lauded to the skies by snobs.

Statistics are usually uninteresting reading, but when they cover the result of a year's product they show facts in a more eloquent manner than words can convey. Bradstreet's annual statistical report shows the year 1912 to have been the most prosperous year in the history of the country. This in spite of the fact that in many instances money moved slowly and operations in various lines of business seemed a good deal at a standstill.

The aggregate productions of the principal cereals exceeds the aggregate of all previous years of the same cereals. Prices have been in the main lower for grain, particularly corn, which is the principal product of the Mississippi valley states. The cotton crop was smaller by something like two million bales than that of 1911, but owing to the increased price it was worth about 2.4 per cent more than that of last year.

Stocks sold for less. There was less activity on the stock exchange and there seemed to be evidence of public distrust in the securities generally offered to the public. This is not bad in the last resort as stock gambling is not a thing that brings any permanent prosperity and is not to be encouraged. While the market for good securities may have suffered in sympathy, the general effect has been to save the public money from their investments in stock juggling concerns.

So long as there is plenty of products raised the country is bound to be prosperous. There may be a slow movement in financial circles owing to readjustment but so long as the basis of prosperity is sound things will work out right in the end.

In regard to the investigation of the money trust the Los Angeles Times in a recent editorial has this to say:

"If there is a bitter fight over municipalization, it will get into the bond market. The millions behind the power companies (whose bonds for immense sums are out) will naturally head off the sale of the city's bonds, if possible—and they control most of the big bond buying companies."

This is the talk of the organ of the interests. If the city attempts to establish its own power and light plant from the Owens river project the money trust will head off the sale of the bonds. This has ever been the cry that if the people attempt reforms the moneyed men will withdraw their support and hard times will follow.

Either there is a money trust or such statements are untrue. The fact is that a few men do control the finances of the country. And in cases of this kind the impression is sought to be given that the money trust is a great deal more powerful than it really is.

The comment of The Los Angeles Times is on the formation of the \$100,000,000 power merger that has been organized to fight the city of Los Angeles. The State of California has experienced the effect of the money trust in its opposition to the disposal of the state highway bonds. The security is good and the interest is right yet there has been a boycott on the bonds as it is said to "teach the administration a lesson." The threat of the Times is that if the City of Los Angeles begins to furnish power to its citizens the bond market will be closed to it.

Surprises are constant in climatic conditions. The recent cold snap was an unprecedented experience in California, especially since citrus fruits have become such an important part of the products of the State. It is estimated that one-half of the crop is lost by reason of the unprecedented cold. It is a case that happens once in a while where weather conditions so happen to combine that the unexpected and unheard of happens.

It is to be hoped that the damage has been over estimated. Cold weather in California is a less common thing than frost in Florida. The Pacific Coast climate is noted for its regularity and freedom from changes and sudden extremes of temperature. It is one of the cases that presumably will happen anywhere in the world where conditions combine to produce an extraordinary circumstance.

In his biennial message to the Legislature in reviewing the work of the past two years Governor Johnson calls attention to a remarkable record of achievement. In speaking of the work of the present Railroad Commission the Governor says:

"At the extra session of the Legislature of 1911, the Public Utilities bill was passed. Since that time the Commission has done a wonderful work.

In the thirty-two years previous to June, 1911, there was less work done by the Railroad Commission of the State of California than has been done by the present Railroad Commission in any one month of its existence.

Probably during the thirty-two years of the existence of the Railroad Commission prior to 1911, ap-

proximately one hundred complaints were presented to that Commission, and in less than two years, to the new Commission, approximately two thousand complaints have been presented.

The Commission has acted with such justice, fairness and ability, that it has won the respect and regard of nearly all of those whose interests have come within its jurisdiction."

The beneficial results of the work of the Railroad Commission have become patent to everyone. The reductions of freight rates and the improvements of service are such that they are apparent to everyone.

The State Board of Control has also saved the State thousands of dollars in the administration of its institutions and at the same time broken up the ring of grafters that had been fattening at the public crib.

There is no disposition to rest on past laurels. The Governor recommends various measures of public policy for the consideration of the Legislature. Among them is his recommendation in regard to immigration, to see that the immigrants that will come at the opening of the canal do not stop in the cities. The point that he emphasizes is to prevent congestion in the cities and towns and to see that the country gets the population that it needs. Legislation favorable to flood control is also recommended. In general the Governor gives a fine showing of what actual Progressivism has accomplished in this State during two years. The State is now distinguished for advanced policies and government in the interest of the People as before it was notorious in the hands of corporation control. May the good work go on!

Among the reviews of the year for the State of California the increase of population is an important item. For on the increase of population depend primarily all production and local consumption of products and the commerce and trade generally of the State. The best method of estimating increase of population is through the reports of school attendance as the average per cent of population attending schools varies very little from year to year. These figures compiled at the office of the State Superintendent of Public Instruction show a substantial increase for the year.

State Superintendent Hyatt reports that the present attendance at the elementary schools of the State is 279,985 for 1912, as compared with 251,321 in 1910, when the Federal census was taken, or a gain in the two years' period of 28,664, and an attendance at the high schools of 37,954 in 1912, as compared with an attendance of 30,893 in 1910, or a gain of 7,061. The population of the State, according to the census figures of 1910, was 2,377,549. The ratio of the average daily school attendance in 1910, 282,214, to the Federal census, 2,377,549, was 8.42. This ratio applied to the average daily attendance for the present school year, 317,939, gives the population estimate for the State at the present time of 2,767,046, an estimated increase of 299,457, or 12.6 per cent. To appreciate what a large increase in the population of the State this is, it can be stated that this new population is equivalent to the population of the following six

cities, as shown by the last Federal census: Oakland, Alameda, Berkeley, Sacramento, San Jose and Vallejo. This increase in population has not been confined to any particular section of the State, but as shown by the reports of the different County Superintendents, the increased population is shown to have been distributed generally over all portions of the State. If the present rate of growth of the State is maintained during the next two years, California will have a population exceeding the 3,000,000 mark. This is a substantial and healthy showing and the increase seems to indicate a general increase of population of permanent citizenship.

Some of the Improvement Associations have entered a protest against the further employment of the Traction Expert Bion J. Arnold. What good the city is getting from the expense of employing this highly paid expert it is hard for the laymen to see. The charter amendment proposed by him was lost at the election and its language was so uncertain as to leave doubts in the minds of the voters just what would be its effect if passed. What is being done in the matter and what is the city getting for its money?

Snow in San Francisco is a novelty at any season. The last few days have been peculiar in many respects. Unprecedented low temperatures have been followed by rain and snow so that even the hills of the coast range have borne the appearance of an Eastern winter. Outside plumbing is still safe, however, and while California buildings may not generally be equipped with heating equipment sufficient to make it comfortable during such periods it is still the land of sunshine and flowers.

The Post Office Department has a great many kicks because of people mailing packages under the new parcels post system at mailing boxes and placing on them ordinary letter postage stamps. Instructions have been sent broadcast that special postage is required and that the parcels can only be mailed at central post office stations. As usual people pay no attention to the instructions or else forget them and the result is a lot of unnecessary work and vexatious delays to all concerned. If you have a parcel to mail procure parcels post stamps and take it to the nearest central station.

Federal Judge Anderson in sentencing the labor leaders remarked that government by injunction is better than government by dynamite. That is true but there is no reason why there should be government by either. In fact too much government by injunction is liable to result in government by dynamite. Particularly is this true in the case of the injunction by the State courts of Indiana to prevent the calling of a convention for the formation of a new State Constitution and which Governor Marshall has appealed to the Supreme Court of the United States. This injunction business has been greatly overdone in the service of the interest. The result has been to bring the courts into the contempt of good people and necessitated the movement for the recall of judges and the restoration of the government to the people.

The Architectural Side Of The Question Of Interior Illumination.

(Melvin Spencer in Western Canada Contractor)

With the improvements made in artificial lighting during the past few years, illuminating effects which were considered impossible not long ago, now form important parts of the architectural scheme of many of our more important buildings. It is encouraging to note this development and the satisfactory results attained, because it proves that wherever successful spectacular illumination is achieved, the architects and engineers have worked hand in hand. It is necessary that both architect and engineer should meet on common ground, and while the ideas of both may differ to a material extent there is a neutral ground, on which they both can agree if willing to compromise to a certain extent. In many cases, however, the engineers do not understand or appreciate the importance of the architectural effect, and if their recommendations were carried out exactly as given, the entire conception of an interior would be spoiled. On the other hand the architect often attempts to produce special effects in artificial illumination, keeping uppermost in his mind the architectural detail.

Results in the past have proven that this is disastrous, as it is seldom that an effective scheme of illumination, along special lines, can be worked out, unless most careful attention is paid to apparently minor and insignificant details, which have to be attended to when the plans are first drawn. Perhaps in no other branch of illumination is this more strikingly illustrated than in the use of cove lighting for interior work. In certain classes of interiors, architects have always been more or less in favor of this idea of lighting a room, but in nine cases out of ten, the results have been unsatisfactory both from a lighting as well as an architectural standpoint. The only reason for such results has been an insufficient understanding of the factors entering into the successful carrying out of this type of illumination.

A difference of a few inches in the position of a cornice will make or mar an installation of this kind. Equally important is the contour of the cove without the cornice. Often a slight change in the shape or treatment of a ceiling will make a remarkable difference in the efficiency and appearance of cove lighting.

There are many skilled engineers, who have instructed themselves in the essential principles of perspective and architectural details, and are willing to sacrifice an ideally perfect installation in order to preserve the architectural effect; where this is done, both the architectural beauty of a room may be preserved and the illumination will be successful.

Lighting Large Interiors.

With the use of properly designed reflectors, it is possible to light an interior of large dimensions, such as an

auditorium of a church, or dining room of a hotel, so that not a lamp is visible, and the light is evenly distributed over the ceiling. In cove lighting there is too often a blaze of light immediately above the cornice, producing a bad glare and comparative darkness in the center of the ceiling. This ruins the effect and purpose of concealed lighting, as in reality the lamps are not properly concealed, because due to the intense glare above the cornice the source of light is easily discovered, while the soft, subdued illumination desired is utterly lacking. When an architect first determines the treatment of an interior, rough plans or sketches should be forwarded to experts in illumination for suggestions. They can probably make slight changes which will materially improve results, and the design of the cove in the cornice may be left to them. A special reflector may then be designed that will direct the maximum flux of light where desired, so that an even illumination of the ceiling is possible; if these sketches are carefully followed by the plasterer, so that the cove is made to fit the special reflectors designed, successful results are the rule.

The difference between successful and unsuccessful installation is due largely to this preliminary consultation. The same applies to lighting of large interiors by means of reflectors concealed behind pillars or piers, as in the sanctuary of a church. If reflectors are not carefully designed, the tonal quality of light will be entirely lost, instead of having an evenly lighted interior, a decidedly spotty one will result. A conspicuous example of the better class of lighting of this kind is in the Cathedral of St. John the Divine, New York City, where the light is entirely concealed and remarkable for its even tone.

In church illumination, it is often desirable to equip lights of this character with dimmers, so that any degree of intensity can be secured, as it is often advisable to have dim religious light during certain ceremonies, and other occasions festive in nature, a blaze of light is desired. Church architecture, with its long vistas and vaulted ceilings is, as a rule, not adapted for fixtures, or rather, it is difficult to adapt fixtures for this style of architecture. In the better class of church interiors, at the present time, an effort is being made to do away with fixtures and secure a brilliantly lighted auditorium, with the lights concealed. The interior construction often determines the advisability of adopting this plan, but two or three schemes have been worked out successful in the larger churches throughout the country, that might be of passing interest.

One scheme consists of the use of strips of carefully designed reflectors, concealed behind the piers or tympanum of arches. In other cases, where a flat or arched ceiling is used, it is

often possible to incorporate in the ceiling design a decorative panel, using stained glass, and above the stained glass, among the rafters or false ceiling, to place powerful, especially designed reflectors, which will force the light through the stained glass and provide illumination for the auditorium. This opens up an infinite field for the elaboration of church work that will give results as effective by day as by night. The consumption of current by the latter method is often not as great as the use of fixtures involves, and the result, if properly designed reflectors are used, is uniformly successful. Often an ornamental corona or moulding is made, in which to set the stained glass panels, the design of which matters little to the efficiency of the system, but can be adapted to the needs of individual installations.

This system has been successfully applied in groined vaulted ceilings, and where such an ornament has been made it has produced a striking effect both day and night. The possibilities of this scheme in the treatment of interiors, such as auditoriums, ballrooms, restaurants, lodge rooms, etc., are endless, as it is possible to design a hanging ceiling, conceived as a unit of light, and decorative designs can be worked out with lighted portions as a part of the ceiling design. Arrangements can be made that, during the day, only sufficient light is used to make these panels luminous, so that the design conceived for a night effect will be equally as effective by day without wasteful loss of current. Some really remarkable installations of this character have been made, rooms 100 feet square and 70 feet high being perfectly lighted without a lamp being visible.

In considering the architectural effect of interiors, under artificial illuminations, the utmost attention should be paid to keeping the light source screened from the eye as much as possible. It is a well known fact that details which are quite indiscernable when brilliant lights are exposed to the eyes, appear with remarkable sharpness if the direct light is shielded from the retina. In many cheap vaudeville houses, where a quick change of scene is desired without lowering the curtain, brilliant lights are flashed in the eyes of the audience, with the result that movements on the stage are invisible. This is simply an exaggerated example of the effect of exposed lights and the blurring of details.

This principle has special application to scientific lighting of working surfaces, such as desks, draughting tables, etc. In the lighting of banks, the proper illumination of double desks, single desks, bookkeepers' desks, etc., are of special importance, and this item has been the source of considerable worry to the architect, as much atten-

tion has been paid to it and still results have been unsatisfactory. Generally, brackets with cone shades are used in various combinations, but results have always produced a bad glare line at the point where the light was reflected directly in the eye.

The Lighting of Banks.

A special system has been designed for the illumination of banking desks, whereby the principle of cross reflection is used, and the light is forced on the working plane at an angle approaching 180 degrees, so that no light is reflected directly into the eyes. The result is that no glare is produced. Cold drawn bronze is used as a framework for these desk lights, with the result that no direct light is visible to the eyes and the angles of reflection can be so designed that an even light is diffused over the working plane. The proper illumination of the cages is another problem which has always worried the architect, both from its practical and artistic side. Where brackets are used, the source of light is directly in the line of vision of the clerks, and the lamps are generally disfigured by the use of blotters or tissue paper used to lessen the glare, with the result that the dignified and harmonious appearance of the bank interior is ruined.

A New System.

There has recently been developed a scheme whereby the source of light serves as a cornice for the screen. Cold drawn bronze, in appropriate mouldings, is used for the cornice, and equipped with a ground glass diffusing door. Inside of this frame work correctly designed reflectors, with tungsten lamps, are placed, so that a continuous line of light results. By daylight, the appearance of the screen is symmetrical and dignified, and by night no exposed light source is visible. The same idea can be carried out on the partition screen, and where no counters are used blank mouldings can be employed, so that the entire cornice presents a uniform, harmonious appearance.

The Lighting of Hospitals.

The lighting of hospitals is of such a nature that very little significance can be attached to its architectural relation to the rest of the building, but as the architect is compelled to look out for the best interests of the people who are to use his building, and as proper lighting is of the utmost importance in hospital work, it is worthy of attention. For the ward rooms the eyes of the patients are generally in a weakened state, due to a more or less weak physical condition, care should be taken to protect the eyes from direct light, and for this reason, white enamelled indirect-lighting fixtures of a simple design and provided with a glass cover to keep dust from accumulating, should be provided. These are in keeping with the spotless appearance of the interior of ward rooms and can be easily cleaned and kept sanitary. In the operating room a white enamelled fixture can also be used, and care should be taken that a ventilated reflector is chosen, as high candle-power is required in this work and the heat generally developed by such lamps is a source of annoyance and sometimes of positive suffering to the surgeons.

Lighting Store Windows.

Even the lighting of a store window

has its architectural significance, since the finest and most carefully planned window can be spoiled by improper lighting. It now a generally accepted principle that the source of light should be totally screened and the light focused on the goods displayed, but very often the effect of the window is spoiled by an annoying black reflection showing lamps and reflectors in the back panel of the window. This can easily be avoided by a properly designed reflector. In many cases, where an open back, or a partially closed back is used, and where the source of light for the window display is visible from the interior of the store, it is advisable to use a drawn bronze moulding which will harmonize with the transom bar, thus giving a finished appearance to the window without the annoying glare generally present.

Very special problems in illumination come up for consideration in the architectural routine, such as the lighting of art galleries, squash courts, etc. In private residence work, it has often been difficult to make these special reflectors harmonize with the general scheme of the interior, but at the present time these reflectors are available in various moulding effects, so that the design can be carried out in any period and readily made to serve an ornamental purpose.

It is these problems which occur in ever-changing combinations that makes the treatment of illumination in relation to architecture a difficult problem. Each one needs special attention and care, but the solution can generally be found when perseverance, patience, and correctly designed reflectors, properly placed, are used.

Mixing a handful of burnt lime with 100 grams of linseed oil, boiling down to the usual consistency of putty, and allowing the plastic mass to spread out in a thin layer to dry in a place where it is not reached by the sun's rays, yields eventually a very hard putty, when required for use, it is made plastic by holding over the funnel of a lamp; on cooling, it regains its previous hardness.

An 18-inch vitrified clay pipe sewer recently failed by cracking in Savannah, Ga. The cracks in the pipe were longitudinal and occurred at the invert and top of the pipe. The director of public works, A. S. Guckenheimer, attributes the failure of the pipe partially to the nature of the soil in which it is laid, it having been necessary in constructing the sewer to saddle the pile and to lay the pipe in these saddles. Heavy traffic and the nature of the soil was the cause of the trouble. The sewer was laid at a depth of about 10 feet. At first it appeared as though the same conditions might exist for a greater distance, but excavations made at several points about 100 feet apart showed the sewer at these points in good condition, and the soil of a better nature than at the particular point where the break occurred. The remedy adopted was to have any sheet pile driven to make the excavation, to lay a solid concrete foundation, and to lay in the sewer on this concrete bed, carrying the concrete up practically to the top of the sewer.—Western Canada Contractor.

LAYING AND FINISHING HARDWOOD FLOORS.

The increasing popularity of hardwood floors in residences has been one of the interesting developments of the past decade. Until a few years ago it was considered sufficient for the reception hall and parlor to be floored with hardwood, but the residence owner of today usually demands that his entire house be treated in this manner.

The great beauty of hardwood flooring is one of the reasons for the favor accorded it, but the fact that it is more permanent, having little depreciation; that it enables the floors to be easily cleaned and thus is more sanitary, and finally, because a house with hardwood floors is more readily saleable than any other, the owner finds it advantageous to have them if they can possibly be afforded.

The fact that hardwood floors are an asset in favor of the sale of a house has caused many builders who make residences for immediate sale to put in hardwood floors, even if a sacrifice has to be made in some other part of the house. The real estate dealer who has homes for sale makes the fact that hardwood floors are to be found throughout prominent in his advertising.

There are, of course, hardwood floors and hardwood floors. The great demand for work of this kind has resulted in some rather hasty attempts to put jobs through, and now and then dissatisfaction has been the result. The work of putting down a hardwood floor is a task calling for competent labor, and even in the case of ordinary tongue-and-groove stock, which does not require the same expertness as that demanded of parquetry, the actual laying should not be relegated to the inexperienced workman.

Beginning at the beginning—the mill—hardwood flooring is made of white oak, red oak, maple and some other woods, though these are the leaders. Quartered oak, in view of its splendid figure, offers the greatest possibilities, and is consequently more popular than any other kind of flooring. Quartered red oak has a color that many people prize above that of white oak, and consequently much of it is put down. Maple has a fine, even grain like color, and is well adapted to flooring.

Inasmuch as flooring is comparatively thin, ranging from 5-16 to 13-16 inch in thickness, it is particularly susceptible to changes in the temperature and humidity. From the time that it is turned out of the mill until it is laid down, therefore, it should be carefully handled and exposed to as little variation in these connections as possible. In fine work, such as parquetry jobs, many manufacturers of flooring make and ship the material just before it is to be used, in order not to allow the squares to have an opportunity to absorb moisture or otherwise deteriorate.

If the builder or hardwood flooring contractor carries much stock on hand, it should be kept in a compartment which is well closed and which, preferably, should be well heated. In this way there will be no chance for flooring which has been purchased at a stiff price to come out of the warehouses anything but fit for service. In the case of special designs which have

to be manufactured to specification, there is, of course, no occasion for the use of heated storage rooms, since this work is put into the job as soon as it is received from the mill.

If the flooring is laid over a base of inferior wood, as is usually the case, it is absolutely essential that this be thoroughly dry. In order to insure the absence of moisture, it is desirable that the stock be kiln dried, and before the flooring is laid down the contractor, if he has not had charge of putting in the sub-floor, should make sure of his ground in this respect. If this is not done, the chances are that the floor will prove defective, and in that case a lot of explanations which will not explain as far as the house owner is concerned, will be in order.

Some time ago a flooring expert was called upon to lay down a large hardwood floor in what was to be the ballroom of a handsome residence in New York City. He made an examination of the sub-floor and found that it contained excessive moisture, not having been thoroughly dried. He explained this to the owners of the property, and pointed out that in order to secure good results it would be necessary to heat the room and allow the floor to dry for several weeks. The owners did not believe this to be practicable, and therefore ordered the work to be done immediately. It was laid with the understanding that the contractor did not assume responsibility for its permanent stability.

The ill effects of the moist underpinning were not evident immediately, but about six months after that they were easily apparent. The floor cracked in many places, and in some places sagged and in others buckled, reproducing the effect of the green flooring beneath. The surface, instead of being the beautiful, uniform expanse of brilliant hardwood that it was originally, was decidedly unattractive. The owner of the residence lost no time in informing the contractor that his prediction had come true, and authorized him to tear out the entire floor, substructure and all, and put in material that he could guarantee to do the work.

Similar trouble results when flooring is laid over concrete without proper protection. In a good many business buildings, even those which are comparatively small, it is getting to be customary to have the floors laid of some fireproof material, and this is frequently of cement construction. The concrete is, of course, put down wet, and while it sets after the crystallization process takes effect, it does not lose all of its moisture immediately, by any means. It is therefore evident that to put down a piece of thin hardwood flooring over this mass of moist stone, which is what the concrete really is, is to expose it to the most unfavorable conditions imaginable.

Sometimes an effort is made to get quick results by laying strips, upon which the hardwood floor is to rest, in the concrete at the time it sets. This is unsatisfactory, since the strips themselves will feel the effect of the moisture, and the flooring that is laid down over them will ultimately get the benefit of it as well. It is the best, and in fact the only safe plan, when concrete is used, to permit it to dry for

several months before the flooring is laid. If this is impossible the concrete should be waterproofed, and several strips of waterproof paper laid between the concrete and the wood above. A substructure of pine or other less expensive material should always be laid, so as to enable the surface structure to have a dry, firm foundation.

Occasionally where a hurry-up job is being put through, the hardwood flooring men are told to get busy when the building is not completely enclosed. This is a most hazardous undertaking, and to lay a floor in cold weather with doors and windows still open is running a risk that a careful workman doesn't like to take. Most flooring contractors find it advantageous to have charcoal heaters put in and to warm the rooms in which the flooring is to be put down with the idea of making assurance doubly sure. They arrange so that they are the last contractors in the building, and so that the structure can be closed as tight as the proverbial drum. In this way they eliminate practically every chance of faulty work, and insure satisfaction to the owner, to themselves and to the flooring manufacturer who turned out the material.

Even when 13-16 Inch stock is used in a residence where there is no concrete work, it is good policy to put the hardwood down over a sub-floor. It has gotten to be a common occurrence to see flooring of this type nailed down directly on the joists, without any supporting foundation. While this is not fatal in that it will cause the work to turn out badly, it is objectionable from other standpoints, and is not recommended. Greater permanence is assured by having a foundation structure, and as the cost of the latter is not great, this can usually be arranged for without increasing the expense of the floor to any considerable extent.

Finishing a hardwood floor, especially where there is a great deal of parquetry, is one of the hardest parts of the job. One reason for this is practically all other interior trim comes to the carpenter finished and sandpapered and ready to be fixed in its place. Formerly nearly all of the cabinet work required scraping and finishing by the carpenter, but with the improvement in the methods of the manufacturers, all of this, with the exception of the flooring, is now done at the mill. Owing to the fact that it is impossible to anticipate conditions under which the work is to be laid, it is best to have the flooring scraped after it is put down.

This puts it up to the carpenter to attend to that job, although as one flooring expert said, there are a large number of otherwise expert workmen who not only don't know how to scrape a hardwood floor, but don't know how to sharpen a scraper. Without attempting to go into details regarding this feature of the work, it may be stated that the floor should be scraped with the grain, and that uniformity in the finish is the attribute which must be secured.

While the work of the hardwood flooring man is complete, as far as his immediate responsibilities are concerned, after he has laid down the floor and scraped it until the proper

finish has been secured, it is good policy to carry the work a bit further, so as to include instructions to the owner of the property, if he is to occupy it as a residence or to the tenant who comes after.

The care of hardwood floors is an art which many people know little about, but fortunately there is getting to be a rather extensive literature on the subject. The proper use of wax and varnish, and the treatment of the floors after the first coat has been applied, are all topics which can be legitimately dealt with by the flooring man, for by explaining to the "ultimate consumer" the various problems to be met with in the use of hardwood floors, better appreciation of the work done and greater insurance of permanent satisfaction are attained.—C. H. Grain in The Building Age.

OIL-MIXED CONCRETE.

Concrete as a construction material has attained wide popularity. Nevertheless, it has faults which have rendered it of little value for certain classes of work. Perhaps the most serious of these faults is its porous, absorbent qualities. This is evidenced by the damp appearance of concrete houses during periods of wet weather, and in reservoirs that persist in losing water.

Until recently it has been impossible to produce a concrete mixture that would not absorb moisture. While carrying on experiments with a view to obtaining a non-absorbent, dustless road material, an engineer, Mr. L. W. Page, found that when a heavy, mineral residual oil was mixed with Portland cement paste, it entirely disappeared in the mixture, and, furthermore it did not separate from the other ingredients after the cement had hardened. The possibilities of oil-cement mixtures for waterproofing were recognized, and further extensive experiments were carried out in order to ascertain the physical qualities after oils had been added. The results are, briefly, these:

(1) Concrete containing oil has been demonstrated to be damp-proof.

(2) The admixture of oil does not affect the tensile strength of the concrete, where the mixture consists of one part of cement to three of sand, with the oil added, not to exceed 10 per cent of the weight of the cement used.

(3) The compressive strength of the concrete suffers to a slight extent where oil is used in the mixture.

(4) The bond of oil concrete to plain steel reinforcement is much less effective than when the oil is left out. In the cases where deformed steel or wire mesh was used, however, the bonding was found to be satisfactory.

(5) Petroleum residuum oils which conformed to somewhat scientific specifications were found to be the most suitable for this class of work and considerable extra care is necessary in the mixing of the concrete. In short the results of the experiments go to show that the use of oil in concrete has enlarged the field of usefulness of one of the most important building materials. Such structures as basement floors and walls, cisterns, silos, reservoirs, roofs and concrete blocks

can, in this way, be rendered damp-proof at a comparatively trifling expense.—Western Canada Contractor.

HOW TO PATCH A CONCRETE FLOOR.

When a cement floor surface begins to wear it is often desirable to patch it and the way in which this can be done to the best advantage is described in a recent paper prepared by President L. C. Watson, of the Abertshaw Construction Company, Boston, Mass. In this paper he gives the wrong way to do the work as well as the right way, and we present both herewith for the benefit of our readers:

The Wrong Way.—Commonly a sand and cement mortar is made, some cutting is done and the mortar is put in and scrubbed with a steel trowel until smooth. It is then covered up for awhile. If the concrete under the patch is left dry it soaks up the water of the mortar. As a result the mortar does not set. If the room is dry or hot the surface of the patch dries out and for the same reason it does not set. If the concrete under the patch is dusty the patch does not adhere to the concrete. If the materials in the mortar are not suitable, naturally the patch wears badly, particularly as it is obviously located at a point of severe wear.

The Right Way.—Cut down the worn place at least 1½ inch. This cutting should be carried into the strong unbroken concrete and the edges should be cleanly undercut. The bottom of the cut should then be swept out, clean-blown out with compressed air or a pair of bellows, if available, then thoroughly wet and scrubbed with a broom. In this way small loose particles of broken material which the chisel has driven into the surface are removed. A grout made of pure cement and water about the consistency of thin cream should be scrubbed into the pores with a broom or brush, both at the bottom and sides of the cut. Following this a stiffer grout, about the consistency of soft putty, should be thoroughly compressed and worked into the surface, which has already been spread with grout. Finally, before the grout is set, a mortar made of one part cement to one part crushed stone or gravel, consisting of graded sizes from ½ inch down to the smallest excluding dust, should be thoroughly mixed and put in place, then floated to a proper surface. Cover with wet bagging, wet sand, sawdust, or other available material. All trucking should be kept off and the surface kept thoroughly wet for at least one week or ten days.

If a particularly hard surface is required, 6-penny nails are sometimes mixed with the mortar and other nails stuck into the surface when the patch is finished. This will produce a surface which is extremely hard and durable.—Western Canada Contractor.

UNITED STATES CIVIL-SERVICE EXAMINATION.

LABORATORY ASSISTANT IN CERAMICS (MALE).

The United States Civil Service Commission announces an open competitive

examination for laboratory assistant in Ceramics, for men only, on January 22, 1913. From the register of eligibles resulting from this examination certificates of Standards, Department of Commerce and Labor, at salaries ranging from \$900 to \$1200 per annum, and vacancies as they may occur in other branches of the service requiring similar qualifications, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The person or persons appointed to this position will be stationed at the Pittsburgh, Pa., laboratory of the Bureau of Standards, and will assist in original investigations in the chemistry and physics of clay and clay products.

As only one application was received for the examination for this position announced to be held on December 11, 1912, qualified persons are urged to enter this examination.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

Subjects.	Weights.
1. Practical and technical questions on ceramics, including also questions on geology and mineralogy	30
2. Elementary physics	15
3. General inorganic chemistry....	15
4. Thesis or report (to be submitted to the examiner on the date of the examination).....	15
5. Education and technical experience (in ceramics).....	25
Total	100

An educational training equivalent to at least four years of collegiate work in a technical school, which must include not less than one year's training in ceramics, is a prerequisite for consideration for this position. Applicants should also indicate on the application and examination form the extent of the college training they have received in elementary geology, general inorganic chemistry, elementary physics, and elementary mathematics, including trigonometry.

Persons who meet the requirements and desire this examination should at once apply to the United States Civil Service Commission, Washington, D. C., or to the secretary of the local board of examiners. No application will be accepted unless properly executed and filed with the Commission at Washington. In applying for this examination the exact title as given at the head of this announcement should be used.

SWIMMING POOL AT BELMONT SCHOOL.

The Watson Mantel & Tile Company are just completing a contract for tiling the swimming pool and the swimming pool room at the Belmont School for boys at Belmont, California. President Reid is making this one of the most up-to-date schools in the country, and one of the latest additions is the large swimming and bathing tank which is placed in a building complete in itself with cement exterior, and tiled T. roof with tile floors and walls on the interior. This will add very materially to the large number of buildings that have been constructed for furnishing the equipment of a

school where all modern improvements are being used. We do not believe there is another school of the kind in the country that will offer the splendid inducements for good healthy school work and the splendid environment that can be found in this academy that is so carefully conducted by President W. T. Reid and his assistants.

BLACK FILES SCHEDULE IN BANKRUPTCY.

The schedule of Marshall Black that has been filed in the United States District Court in involuntary bankruptcy shows liabilities of \$89,730 and assets of \$190,115. Of the debts \$79,876 are secured. The assets are composed of the following items: Choses in action against the Cressey Colony Company, \$21,500; stock in Alta Mesa Improvement Company, \$2000; stock in Bank of Palo Alto, \$500; stock in Marshall Black Investment Company, \$30,815; stock in Cressey Colony Company, \$60,800; stock in Cressey Townsite Company, \$700; stock in Masonic Temple Association, \$200; stock in Palo Alto Investment Company, \$1500. The schedule states that the foregoing is the book value of these items and that the true value is unknown.

The assets also include: Real estate, \$66,800; bills, etc., \$3400; cash on hand, \$600; money in bank, \$400; horses, cows and other animals, \$900.

EXPORTS AND IMPORTS SHOW GAIN FOR 1912.

The Custom-house statistics of imports and exports for the San Francisco district for December, 1912, are now available and show the statistics for the calendar year 1912 as follows:

Total imports, 62,744,188; domestic goods, 54,707,850; shipments to Alaska, 5,675,556; to Hawaii, 18,193,850; to Guam and Tutuila, 95,163. The total exports of domestic merchandise amounted to \$75,582,419. Gold bullion to the value of \$10,712,126 and silver bullion to the value of \$5,121,916 were also exported.

These figures do not include coin or currency nor foreign merchandise from bonded warehouses, nor merchandise in transit through the United States.

The exports and shipping trade by sea from the port for 1912 showed increases and one decrease (to Alaska) as follows: Imports, increase, \$6,668,864; exports, domestic goods, increase, \$11,280,817; shipments to Alaska, decrease, \$671,243; to Hawaii, increase, \$3,599,884; to Philippines, increase, \$186,142; exports to New Zealand, increase, \$174,930; to Australia, increase, \$659,738.

CARPENTERS' HALL SOLD.

Carpenters' hall, scene of the so-called graft trials, has been sold at public auction to Symons Brothers for \$1300. The building, a three-story brick structure, can not be moved intact, so that its value to the bidder is only that of salvage. It must be torn down and removed within 42 days, to make way for civic center buildings. The sale made Wednesday is subject to the confirmation of the mayor and supervisors.

Firms dealing news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

—APARTMENT HOUSES—

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. A. L. Brownlee. This building has been mentioned in these columns before when plans were first started. The structure will be erected on Jones street, and is to be arranged for a number of two and three room suites with wall beds and private baths. Interior will be finished in pine and redwood. There will be steam heat and a vacuum cleaning system. Bath rooms will be finished in tile and will have cement floors. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction. Cost not stated. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will occupy a very favorable site and will contain in the neighborhood of 120 rooms, which are to be arranged in two and three room suites with every modern convenience. There will be steam heat, wall beds, connecting baths and a vacuum cleaning system. Interior will be handsomely finished. The exterior of the building will probably be faced with pressed brick and terra cotta. Plans are being prepared and will be out for figures in the course of the next month.

OAKLAND, CAL.—Apartment house alterations, frame construction, \$30,000. Architect, A. W. Smith, 1019 Broadway, Oakland. Owner's name withheld. This work will include the removal of two three-story frame buildings from the present site to the rear of the lot and complete alteration of the same. When complete the new structure will contain 24 apartments of two and three rooms each. There will be connecting baths and wall beds. Steam heat will be installed. A vacuum cleaning system is also specified. The exterior of the building will be covered with cement plaster on metal lath. Plans have been out for figures and a contract will be awarded shortly.

OAKLAND, CAL.—Apartment house and stores, 2 story and base, frame, \$35,000. Architect, C. N. Cook, Rialto Bldg., S. F. Owner's name withheld. The building will be erected on a corner lot and has been arranged for eight stores on the first floor and 66 rooms on the upper floor. These will be arranged in two and three room apartments, all of which will have connecting baths and portal wall beds. A sleeping porch will be a feature in all apartments. Interior trim will be of pine and redwood. There will be steam heat. Baths will be finished in tile and will have cement floors. The exterior of the building will be covered with cement plaster. Patent store fronts are specified in all stores. Plans are complete and will be out for figures shortly.

OAKLAND, CAL.—Apartment house alterations, frame construction, \$3,000.

Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. McLean. The present building, which is 32x70 feet, will be altered so as to contain a number of two and three room suites with baths. There will be complete new interior trim, new plumbing, plastering and electric work. Open fire places will be used with brick mantels. The exterior of the building will be covered with rustic. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house, 1 story and base. Class C construction. Cost not stated. Architect, Glenn Allen, 1936 Golden Gate Ave., S. F. Owners, Hone Builders' Investment and Securities Co., Stockton. The building will be erected at the corner of Eldorado and Flora streets and will contain a large number of apartments of two, three and four rooms each. There will be private baths, wall beds, steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and some hardwoods. The exterior will be faced with pressed brick. Plans are complete and figures are being taken. An official call for bids appears in this issue. Bids will be opened on January 27th. Plans and specifications can be secured from the architect in San Francisco.

MERCED, MERCED CO., CAL.—Apartment house, 3 story and base, frame, \$27,500. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will contain a total of 16 apartments which will be arranged in two and three room suites. All apartments will have wall beds and private baths. A roof garden will be a feature of the building. The building has been designed in the Spanish Renaissance, the exterior being covered with cement plaster on metal lath. An elaborate entrance has been designed. Plans are complete and figures will be taken from contractors in Merced.

PORTLAND, ORE.—Apartment house, 2 story and base, reinforced concrete. Cost not stated. Architect, Fred S. Allerton, Wilcox Bldg., Portland. Owner's name withheld. The building will cover an area of 50x100 feet. There will be three stores on the first floor and five three room apartments with private baths on the upper floor. There will be steam heat, hot and cold running water and wall beds. The interior will be finished in pine throughout. The exterior will be faced with cement plaster. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$10,000. Architect, M. L. Newsom, 812 Broadway, Oakland. Owner, Al. Wood. The building is to be erected at the corner of 29th and Grove streets and has been arranged for two stores on the first floor and four suites of three rooms each on the second floor. Steam heat and wall beds will be installed. All apartments will have connecting bath rooms. Interior finish will be of pine with some hardwood floors. The exterior of the building will be covered

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with cement plaster on metal lath. Plans for this work are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, J. B. Osborn, 611 Macdonald Ave., Richmond. Owner, W. W. Felch. The building has been arranged for nine apartments all of which will have telephone connection with the entrance, portal wall beds and individual gas steam heaters. Interior finish will be of Jenesero. Entrance steps will be of terrazzo. Plate, art and leaded glass will be used. The exterior of the building will be covered with cement plaster. Plans are complete and figures are now being taken. A contract will be awarded within a day or two.

LOS ANGELES, CAL.—Apartment house, 4 story and base brick. Cost not stated. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, W. W. Middleoff. The building is to occupy a corner site and will contain a total of 90 rooms, which will be arranged in suites of two and three rooms each. All suites will have connecting baths and wall beds. Interior finish will be of pine, redwood and some hardwoods. Bath rooms will be finished in tile. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with ruffled brick. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Apartment house, 6 story and base, brick and concrete, \$75,000. Architect, R. L. Felchlin, Fresno. Owners, E. L. Lacour and R. L. Felchlin. The building will be erected on Tulare street between N and M streets. Preliminary plans show a building containing about 10 suites of two and three rooms each. There will be steam heat, elevator service and wall beds. All apartments will have connecting baths. Further details have not been decided upon. The exterior will probably be faced with pressed brick. Plans are being prepared and the work will be supervised by Mr. Felchlin.

OCEAN PARK, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Shinghoff & Bna, Security Bldg., L. A. Owner, Ward Dawson, Wright and Cullender Bldg., L. A. The building will contain 56 rooms, which will be arranged in two and three room suites. There will be steam heat, elevator service, wall beds and connecting baths. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

BRIDGES, DAMS AND HARBOR WORK.

MARTINEZ, CONTRA COSTA CO., CAL.—Wharf, timber pile construction. Cost not stated. Engineer, J. C. Arnold, Martinez. Owners, Town of Martinez. Plans and specifications have received the official approval of the Town Trustees, and Federal aid in financing the construction is now being sought through Congressman Currie. The structure as planned will be 80 feet in width and 1300 feet long. Bids will not be called for until action has been taken by the Government. Announcement will be made in these columns when the work is advertised.

BRIDGES ETC

SAN FRANCISCO—Pier No. 37. Concrete pile construction. Cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Plans have been approved for the construction of this work and bids are now being taken. An official proposal for the work appears in another column of this issue. The pier will be similar in construction to several others recently contracted for by the State Board of Harbor Commissioners and now under construction. Bids will be opened on January 23rd.

SAN FRANCISCO—Pier No. 41. Concrete pile construction. Cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. The Harbor Board Thursday approved plans and specifications submitted by Assistant Engineer Carl Uhlig, for pier 41, to be constructed at the foot of Stockton street. The new pier is to be 1,080 feet in length on one side and 880 feet on the other; 200 feet wide, with a spur track on each side; concrete pillars, supported by wooden piling, will be ten feet apart. The pier is to be built at an angle with the seawall, and will act as a breakwater for other docks. It is to be an open wharf, without roof, for handling heavy and bulky articles.

SAN FRANCISCO—Freight slip, wooden pile construction. Cost not stated. Engineer, Director of Works of the Panama-Pacific International Exposition, Exposition Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures are now being taken for the construction of a freight slip at the Fair Site, Harbor View. The official proposal for this work appears in another column of this issue. Bids will be opened on January 18th. Bids will be opened by the Fair Commission on January 28th for furnishing and fabricating the structural steel for the apron of this slip. Complete information relative to this work may be obtained from the Director of Works, 617 Exposition Building.

PASADENA, LOS ANGELES CO., CAL.—Bridge, reinforced concrete, \$8,000. Engineer, City Engineer, Pasadena. Owners, City of Pasadena. Plans are being considered for the construction of a reinforced concrete bridge which will replace the wooden structure over the Arroyo Seco at Devils Gate. The engineer's estimate of this work is \$7,863, and the cost will be divided between the City of Pasadena and Los Angeles County.

CHURCHES.

SEATTLE, WASH.—Church, 2 story and base. Class A construction, \$150,000. Architects, Bobb & Mendel, Denny Bldg., Seattle. Owners, First Church of Christ, Scientist. Work of completing this structure will be commenced within a few days. It is estimated that the interior finish, plumbing, electric work and heating still to be done will cost in the neighborhood of \$75,000. Bids will be called for at once.

FACTORIES & WAREHOUSES

LIVERMORE, ALAMEDA CO., CAL. Factory group, 29 buildings, frame and corrugated iron. Cost not stated. Engineer, Engineering Dept., Coast Manufacturing and Supply Co., Elmhurst. Vice-President and General Manager A. H. Merritt states that building operations will be begun on their fuse works here about March 1, and that the plant will be running full blast by midsummer. There will be 29 buildings erected on their recently purchased property, and the total floor space in them will be between four and five acres. Most of these buildings will be small, but others will be 250 feet long. They will be built of corrugated iron, with hollow tile brick for fire walls. In addition to the factory buildings and an office building, there will be residences erected for General Manager Merritt, Assistant Manager T. W. Morris, Traveling Expert G. H. Judd and Superintendent A. S. Cole. There will also be bunk-houses for twenty Chinese workmen.

Contracts Awarded.

LOS ANGELES, CAL.—Factory group, 1 and 2 story and base, reinforced concrete. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Bradford Baking Co., Contractor, G. J. Ramsey, Pioneer Truck Co., 201 North Main St., L. A. Contract price not stated. Note: The present one-story building will be increased three stories in height. There will also be a two-story building, 74x45 feet, and a one-story structure triangular in shape, 165x120x200 feet. All work will be of reinforced concrete construction.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$9,000. Architect, John J. Foley, Monardnock Bldg., S. F. Owner's name withheld. The building will be erected on 18th street, between Valencia and Guerrero streets, and has been designed to contain one five-room and two six-room flats. Interior finish will be of pine throughout. There will be open fire places and tile mantels. Baths and entrance will be finished in tile and Alaska marble. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Julius Nicolaissen, 173 23rd Ave., S. F. The building will cover an area of 26x80 feet and will contain two modern flats of five and six rooms each. All interior finish will be of pine or redwood. There will be gas grates and tile mantels. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic and

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shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Oscar Thunberg, 678 9th Ave., S. F. The building will be erected in the Richmond District, and has been arranged for two modern flats of six rooms each. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Baths will be finished in tile. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architects, Welsh & Carey, Western Metropolis Bank Bldg., S. F. Owner, M. W. Fay. This building will contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile with cement floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Flats, 3 story and base, frame. Cost not stated. Architect, none. Owner, Delore Roberts, Sheldon Bldg., S. F. The owner has completed the working drawings for a three-story modern flat building, and is now taking figures for the plastering, plumbing, painting and electric work. The balance of the contract will be carried on by Day Labor. Mr. Roberts is president of the Roberts Bros. Construction Co.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, brick and steel. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Mary N., Lucy H. and Edith W. Allyn. The building will be erected on the south line of Mission street, between First and Second streets, and will have a frontage of nearly 50 feet and will extend through to a rear street. The first floor and basement will be of concrete. Upper floor will be arranged for lofts. The exterior will be faced with pressed brick. There will be metal window sash and frames. Plans are complete and figures are being taken.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete, \$25,000. Architect, A. Leo Ellis, Shreve Bldg., S. F. Owner's name withheld. The building will be erected on Van Ness avenue, and will be arranged for sales and display rooms on the first floor, shipping and repair shop on the upper floor. Interior of the sales rooms will be faced with cement plaster. Plans are now being prepared and will be complete in the course of the next month.

GOVERNMENT WORK AND SUPPLIES.

Hydraulic Apparatus, Milk River Project.

An advertisement appears elsewhere in this issue calling for bids to be opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., January 22 for furnishing hydraulic apparatus for the St. Mary storage unit, Milk River project, Montana. Under the specifications there are to be furnished two 600-H. P. hydraulic turbines, two gate valves, two oil-pressure governors for 600-H. P. turbines, and service of erecting engineer for same.

Electrical Apparatus, Milk River Project.

On January 22 bids will be opened at the office of the U. S. Reclamation Service, Los Angeles, Cal., for furnishing electrical apparatus for St. Mary's storage unit, Milk River project, Mont. The proposal blank is divided into five items as follows:

- Item 1. 2 500-K. V. A. generators, with direct-connected exciters, complete.
- Item 2. 6 150-K. V. A. transformers, complete.
- Item 3. Switchboard apparatus.
- Item 4. 1 22,000-volt electrolytic lightning arrester.
- Item 5. Services of an erecting engineer.

Pearl Harbor, Fabricated Steel.

The following bid was received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., on December 28 for furnishing fabricated structural steel and certain other material for pump well, delivered at the naval station, Pearl Harbor, H. T.: Ritter-Conley Mfg. Co., 55 Water St., Pittsburgh, Pa., \$9,075.

Pipe Line, Port Canby.

C. L. Houston, of Astoria, Ore., presented the successful bid, at \$2,225, for constructing 2,400 feet 4-inch pipe line at Port Canby, Wash.

HALLS AND SOCIETY BUILDINGS.

BERKELEY, ALAMEDA CO., CAL.—Club house, 2 story and base, frame, \$20,000. Architects, Parker & Kenyon, 214 Kearny St., S. F. Owners, Twentieth Century Club. The building will be erected at the corner of Derby and College avenue, and will contain besides the large assembly room, a library, banquet room, social hall and a number of small rooms. Interior will be finished in pine, redwood and hardwoods. Oak floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of brick. The exterior of the

building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Lodge hall, 1 story and base, brick. Cost not stated. Architects, Starbuck & Clark, Fresno. Owners, Knights of Pythias. The building is designed for a four-story structure, but only the first story will be erected at this time. The first floor will contain four stores. This work has been estimated to cost \$15,000. The architects are taking figures.

FRESNO, FRESNO CO., CAL.—Convention hall, 2 story and base, reinforced concrete. Cost not stated. Architect, C. K. Kirby, Fresno. Owners, City of Fresno. Bids will be received up to January 20th for the completion of the Rowell Convention Hall, construction of which was abandoned some time ago owing to lack of funds. Plans, specifications and complete information relative to this work may be secured from the architect.

Contracts Awarded.

SALT LAKE CITY, UTAH.—Capitol buildings. Class A construction, \$1,400,000. Architect's name not given. Owners, State of Utah. Contractors, James Stewart Co., New York. Contract calls for the completion of the work exclusive of the plumbing, heating and electric work. Contract price, \$1,040,000.

HOSPITALS.

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete. Cost not stated. Architect, Architectural Dept., Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building will be known as the Hospital for the Infirm Poor, and will be erected on the Relief Home Tract. Plans were previously out for figures, but the bid of the lowest man was rejected as being above the appropriation. New figures are now being taken. Bids will be opened on January 15th. Plans, specifications and full particulars can be secured from the Department of Architecture.

LOS ANGELES, CAL.—Hospital, 3 story and base, reinforced concrete. Cost not stated. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, Westlake Hospital Association. The building will be of reinforced concrete construction, with curtain walls of brick. It will be of sufficient strength to sustain six additional stories. It will have hulk brick exterior facing, metal tile roof, tile corridors and baths, hardwood trim, steam heat, first class plumbing and telephone wiring. Plans are complete and figures will be called for shortly.

LOS ANGELES, CAL.—Hospital wards, 2, 2 story and base, reinforced concrete. Cost not stated. Architect, none. Owner, Los Angeles County. Plans for these two buildings and a two-story addition to the dining hall and several kitchen and stable buildings have been completed. Bids are now being called for and will be opened by the Board of Supervisors on January 27th. Full information relative to the work can be secured from the County Clerk.

HOTELS.

SAN FRANCISCO—Hotel, 8 story and base, brick and steel, \$85,000. Archi-

tecs, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District, and will contain in the neighborhood of 200 rooms and bath. There will be steam heat, elevator service, a vacuum cleaning system and all other modern conveniences. Further details of construction have not been determined but will be given in these columns as the plans progress. Figures will be called for in the course of the next month.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$50,000. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. This building will contain in the neighborhood of 120 rooms, nearly all of which will have connecting baths. Interior finish will be of pine and redwood with some oak and ornamental plaster in the lobby. There will be steam heat, elevator service and a vacuum cleaning system. The exterior will probably be faced with cement plaster. Detail plans are now being prepared and will be out for figures in three weeks or a month.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Peninsular Realty Co. The building will be erected at the northwest corner of Ellis and Fillmore streets. The first floor will be arranged for stores, the hotel entrance and lobby. Upper floors will be divided into about 120 rooms and baths. Interior finish will be of pine and redwood. There will be steam heat and elevator service. The exterior will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$70,000. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner's name withheld. The building will be erected in the north line of Sutter street, between Jones and Leavenworth streets, and will be strictly modern in all its appointments. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and hardwoods. All rooms will have connecting baths. The exterior will be faced with pressed brick. Plans are being prepared.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel, \$70,000. Engineer, W. W. Breite, Clunie Bldg., S. F. Owners, Durst Bros., Oakland. The owners are now sub-letting all contracts. The steel contract has been awarded to P. A. Muller, 1601 Telegraph avenue, Oakland, at \$13,500. Figures are being taken for the brick, concrete, plastering, plumbing, electric work, heating, carpentry and mill work, marble, tile and terrazzo and elevators. The building will be 60x100 feet and will contain 30 rooms and 42 baths.

LONG BEACH, LOS ANGELES CO., CAL.—Hotel, 3 story and base, brick. Cost not stated. Architects, Kvsor & Biggar, Wright and Callender Bldg., L. A. Owners, Moore & Barnett. The building will cover an area of 50x162 feet. There will be nine stores and the hotel lobby in the first story and 51 rooms, 11 private baths and 1 public bath in the upper stories. There will be a concrete foundation and basement, steel beams and columns, enameled brick facing, plate and prism glass will be used in the store fronts. There will be galvanized iron cornice, com-

position roof, skylights and fire escapes. The interior trim and floors will be of pine except the lobby which will have a tile floor. There will be a lavatory in each room, hot water heater, plumbing, steam heat, and electric wiring. Plans are complete and figures are being taken.

SEATTLE, WASH.—Hotel, 5 story and base, reinforced concrete, \$75,000. Architect, Willis E. Dwyer, New York Bldg., Seattle. Owner, J. P. Jones. The plans provide for a 68x120 foot building, faced with brick, and the specifications include tar and gravel roofing, tile, steam heating, plate glass, terrazzo, one elevator, fire escapes, sheet metal, metal lath, hard plastering, sidewalk elevator, sidewalk lights, etc. Mr. Dwyer is now taking bids on the above and also mill work, iron, hardware, painting, brick, carpenter work, lumber, plumbing, electric wiring and electric fixtures. Plans and specifications are complete.

OAK KNOLL, LOS ANGELES CO., CAL.—Hotel addition, 2 story and base, reinforced concrete. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Wentworth Hotel Co. The addition will be 450x50 feet and will contain 78 guest rooms and 40 baths on each of the two floors. Interior finish will be of pine and hardwoods. Construction will be fireproof throughout. A number of frame bungalows are also to be erected on the hotel grounds, which comprise over 23 acres. Plans for the hotel addition are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick. Cost not stated. Architect, A. E. Fetherstonhaugh, Ferguson Bldg., L. A. Owner, J. H. Call. The building will contain 90 guest rooms, a number of public baths and the main lobby and office. There will be steam heat, elevator service and a hot water heating system. Interior finish will be of pine. Bath rooms will have cement floors. The exterior of the building will be faced with ruffled brick. Plans are complete and bids are being taken.

LOS ANGELES, CAL.—Hotel, 6 story and base, reinforced concrete. Cost not stated. Architect, J. Martyn Haenke, Central Bldg., L. A. Owners, Hopper-MacFarlane-Duncan Co. The building will be erected on a lot 107x162 feet. The first floor will contain two stores besides the hotel entrance and lobby. Upper floors are to be arranged for a total of 130 guest rooms and 60 baths. Interior finish will be of pine and redwood with some hardwood. There will be furnace heat and a hot water heating system. The exterior will probably be faced with cement plaster. Preliminary plans only have been prepared.

Contracts Awarded

VANCOUVER, B. C.—Hotel, 4 story and base, brick, \$55,000. Architects, Brauntton & Leibert, Exchange Bldg., Vancouver. Owner, James Borland. Contractor, James Layfield, 1024 Broadway, Vancouver. Contract price, \$55,000.

VANCOUVER, B. C.—Hotel, 4 story and base, brick and steel, \$145,000. Architects, Parr, McKenzie & Day, Vancouver Bldg., Vancouver. Owners, W. J. Bowser and G. L. Wilson. Contractor, E. J. Ryan, 768 Granville St., Vancouver. Contract price, \$145,000.

OAKLAND, CAL.—Hotel, 2 story and base, frame, \$45,000. Architect, Herbert Muggs, 125 Alpine St., S. F. Own-

er, Joseph B. Coryell. Contractor, Charles W. Gompertz. Contract price, \$15,000.

RAILROAD CONST. STATIONS AND EQUIPMENT.

SEATTLE, WASH.—Freight depot, 1 and 3 story reinforced concrete buildings, \$100,000. Architects, Eng. Dept. Oregon-Washington Ry. and Navigation Co., Seattle. Owners, Oregon-Washington Railroad and Navigation Co. Contractors, J. M. Bruce & Co., American Bank Bldg., Seattle. Contract price between \$90,000 and \$100,000. The plans provide for the construction of a three-story 40x50 feet office building, a one-story 40x320 feet freight depot and a 40x760 feet brick driveway.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The dwelling will be erected in the Richmond District and has been designed to contain eight rooms and bath. Interior finish will be of pine, redwood and hardwoods with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. There will be an automatic water heater installed. The exterior will probably be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Ernest Hildebrand, Crocker Bldg., S. F. Owners, Ernest Hildebrand and Antone Lettich. This dwelling has been mentioned in these columns before. Bids are now being taken for all parts of the work except the carpentry work. There will be furnace heat and open fire places with brick mantels. The interior finish will be of pine and redwood. Exterior will be covered with cement plaster on metal lath.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, E. A. Janssen, Hearst Bldg., S. F. The house has been designed for an eight-room dwelling with bath, sleeping porch and laundry. Interior finish will be of pine with hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,500. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Mrs. R. W. Baum. The house will contain in the neighborhood of nine rooms, baths, sleeping porches and laundry. Interior finish will be of pine, redwood and some hardwood. Floors will be of oak in all principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the baths and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal

lath. Plans are complete and figures are now being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,400. Architect, none. Owners, Junk-Riddell Co., 2247 Telegraph Ave., Berkeley. The house has been designed for a seven-room dwelling with bath, sleeping porches and laundry. Interior trim will be of pine, redwood and hardwoods. Oak floors will be used in three rooms. There will be furnace heat and open fire places. Mantels will be of brick. The exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,500. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, E. Oppenheim. The house will contain seven rooms and bath. Interior finish will be of pine and redwood with oak floors in the living and dining rooms. There will be open fire places and brick mantels. Tile will be used in the bath room and kitchen. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,800. Architect, none. Owner, W. S. Montgomery. The house has been designed for a seven-room dwelling with bath and laundry. Interior finish will be of pine and redwood. Floors will be of oak in all principal rooms. There will be open fire places with tile or brick mantels. Tile will also be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame and concrete, \$12,000. Architect, A. Leo Ellis, Shreve Bldg., S. F. Owner's name withheld. Preliminary plans only have been prepared for this work and details of construction cannot be given at this time. The house will be handsomely finished in hardwoods. There will be a central heating system and open fire places. Besides the usual living rooms there will be several baths and sleeping porches. The exterior will probably be covered with cement plaster. Complete details will be given when plans are ready for figures.

SAN SALITO, MARIN CO., CAL.—Bungalow, 1 story and base, frame. Cost not stated. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Dreger. The dwelling will contain six rooms and bath. There will be a large rock terrace blasted out of the hillside with two windows. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. Open fire places will also be used. Mantels will be of tile or brick. The exterior of the house will be covered with cement plaster. Plans are being prepared.

FRUITVALE, ALAMEDA CO., CAL.—Bungalows, 21, 1 story and base, frame, \$1,200 each. Architect, C. N. Cook, Rialto Bldg., S. F. Owners, Powell Bros., Harrison Ave. and Pearl St., Alameda. These cottages will contain from four to five rooms each. All interior finish will be of pine or red-

wood. There will be open fire places in the living rooms with tile or brick mantels. Exteriors will be covered with shingles, rustic and shiplap. Plans are being prepared and when complete the work will be done by Day Labor.

OAKLAND, CAL.—Hissidence, 2 story and base, frame, \$6,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, R. W. Krolitzsch. The house will be erected on Grand Avenue Heights, and will contain in the neighborhood of eight rooms, baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places with brick and tile mantels. Floors in the principal rooms will be of hardwood. Tile will be used in the baths and kitchen. There will be an automatic water heater. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ALBANY, CONTRA COSTA CO., CAL.—Bungalow, 1½ story and base, frame, \$2,000. Architect, none. Owners, Peake-Munro Co., 2135 Shattuck Ave., Berkeley. The bungalow will contain six rooms and bath. All interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place and brick mantel in the living room. Bath will be finished in tile. The exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SCHOOLS.

SAN FRANCISCO—Removal of building, 4 story, Class A construction. Cost not stated. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened on January 22 by the Board of Public Works for moving the present Commercial High School from its site on Grove street, between Larkin and Polk, to a new site on Fell street between Van Ness avenue and Franklin street. A bond of \$125,000 is required of the successful bidder. The building is the largest Class A structure that has ever been attempted to move in this city, and the feat will be watched with more than ordinary interest. The official proposal for this work appears in another column of this issue.

Contracts Awarded.

OAKLAND, CAL.—School, 1 story and base, frame. Cost not stated. Architect, J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. Contractor, C. Christensen, Oakland. Contract price, \$5,494. For a complete list of the figures submitted for this work see under Oakland and Alameda County in this issue.

SEWERS, STREET WORK AND WATER SYSTEMS

SAN FRANCISCO—Water main and by-pass. Cost not stated. Engineer, Constructing Q. M. Dept., U. S. A., Fort Mason. Owners, United States Government. Bids will be received until 10 a. m. of January 16th for constructing additional 10-inch water main and by-pass at Fort Winfield Scott. Plans and specifications can be obtained from the Constructing Quartermaster at Fort



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Mason. The official proposal appears in another column of this issue.

SAN FRANCISCO—High Pressure and service water supply systems. Cost not stated. Engineer, Director of Works, Exposition Bldg., S. F. Owners, Panama-Pacific Exposition Co. Bids will be opened on January 28th for the construction of a high pressure water system and also for a service supply water system at the Exposition site, Harbor View. Full particulars and complete plans and specifications can be obtained from the Director of Works. The official proposal appears under another heading in this issue.

MILK RIVER PROJECT, MONTANA.

—Electrical and hydraulic apparatus. Cost not stated. Engineers, U. S. Reclamation Service, Federal Bldg., L. A. Owners, United States Government. Plans and specifications are complete and bids will be opened on January 22 by the Reclamation Service engineers in Los Angeles for furnishing electrical and hydraulic apparatus for the St. Mary's unit of the Milk River project.

STORES & OFFICE BUILDINGS.

SAN FRANCISCO—Stores and offices, 4 story and base, reinforced concrete, \$10,000. Architects, Frye & Schastey, Monadnock Bldg., S. F. Owners, Hop Woe Society. This will be one of the first high class commercial buildings to be erected in San Francisco's Chinatown. There will be several stores on the first floor and offices above. Interior will be finished in pine and hardwoods. There will be a central heating system. The exterior will be faced with pressed brick. Patent store

fronts will be used. Plans are complete and will be out for figures next week.

SAN FRANCISCO—Stores, 1 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, N. A. and Sarah J. Dorn, Phelan Bldg., S. F. The building will be erected at the corner of Davis and Washington streets, in the wholesale district. There will be two stores with patent store fronts. The exterior will be faced with cement plaster. A contract for the excavating has been awarded to the Sibley Grading and Tearing Co., and plans for the balance of the work are out for figures.

SAN FRANCISCO—Stores and lofts, 2 story and base, brick, \$21,000. Architect, D. C. Coleman, Merchants' Exchange Bldg., S. F. Owner, M. Fisher. The building will be erected at the southeast corner of Pine and Van Ness avenue, and will cover an area of 80 x 84 feet. The first floor will be arranged for automobile sales rooms and the upper floor for light 'ofits. There will be a freight elevator. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, D. Franklin Oliver. The building will be erected at the corner of 14th and Franklin streets, the site of the present Maple Hall which will be moved to another part of the lot. Preliminary plans have been prepared, but no details of the construction can be

given at this time. The building will be fireproof.

PORTLAND, ORE.—Stores and offices, 6 story and base, reinforced concrete. Cost not stated. Architects, Whitehouse & Foulboux, Portland. Owners, Fidelity Trust Co. The building will cover and area of 50x100 feet. Plans provide for one large store on the first floor with a mezzanine. Upper floors will contain 21 offices to the floor, which will be arranged single or en suite. There will be steam heat, elevator service, mail chutes and a vacuum cleaning system. Interior partitions will be of terra cotta tile. There will be metal window sash and frames. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

ALAMEDA, ALAMEDA CO., CAL.—Stores, 1 story and base. Class C construction. Cost not stated. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, Mrs. C. S. Neal. The building will be erected on Park street near Central avenue, and will be arranged for several small stores. Interiors will be finished in pine and redwood. There will be a cement floor and patent store fronts. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded within a few days.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base. Class A construction. Cost not stated. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, Mrs. R. B. Young. This building is to be erected on 7th street. Details of construction are not yet settled and no particulars can be given at this time. The building will not be less than six stories in height and may be carried up to 12 or 14 stories. There will be a complete steel frame. Exterior walls will be of brick. Mr. Young states that actual construction will be started by March 1st.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architects, William Curlett & Son, Title Ins. Bldg., L. A. and Phelan Bldg., S. F. Owners, Merchants' Fireproof Building Co. Contractor, Weymouth Crowell, Story Bldg., L. A. foundations and footings only. Contract price, \$35,740.

PORTLAND, ORE.—Stores and offices, 6 story and base, reinforced concrete, \$100,000. Architect, J. B. Dantoff, Portland. Owners, Marcus and Eugene Coin. Contractors, Boyajohn-Arnold Co., Wilcox Bldg., Portland. Contract price, \$100,000.

LOS ANGELES, CAL.—Stores and lofts, 8 story and base, reinforced concrete, \$50,000. Architects, J. P. Blee and Norman F. Barber, L. A. Owner, Alexander Meyer. Contractors, Barber-Bradley Construction Co., 1224 East 15th St., L. A. Contract price, \$50,000.

THEATRES.

LOS ANGELES, CAL.—Theatre, 3 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owners, Egan School of Dramatic Arts. The building will cover an area of 50x120 feet. The main auditorium will have a seating capacity of about 150 people. Besides the main auditorium there will be music halls and a recital

hall, 30x88 feet. Both of these rooms will be finished in white and gold. Plans provide for a sunken garden the whole length of the building, at one end of which will be an open air stage. The second floor will contain a mezzanine gallery and general offices. The third floor is to be arranged for a number of studios, dance halls and recital rooms. There will be elevator service. Interior partitions will be of hollow tile. The exterior of the building will be faced with blue brick and terra cotta trimmings. Plans are complete and figures are being taken.

SEALED PROPOSALS.

NOTICE TO BIDDERS.

NOTICE is hereby given by the Board of Trustees of Hester School District in the County of Santa Clara, State of California, that sealed bids will be received by said Board at the office of H. C. Jones situated in the Knox Building at the northwest corner of First and Santa Clara streets, in the City of San Jose, County of Santa Clara, State of California, up to Saturday, the 1st day of February, 1913, at 10 o'clock a. m. of said day for furnishing the necessary materials and doing the necessary work in the erection and construction of a school building for said school district to be located therein on the Alameda, between Lenzen and Brown avenues, and for tearing down the building now on said site and removing the material from the grounds, according to the plans and specifications for the same prepared by the architect of said Board and which said plans and specifications are hereby referred to and made a part of this notice.

Copies of said plans and specifications are on file and will be open to inspection at the Builders' Exchange located at 113 West Santa Clara street, in said city, and bidders will find at both of said places a form of bid to be submitted.

Bids for separate work will be considered as the same appear in said plans and specifications or in said form of bid.

Notice is further given that at 10 o'clock a. m. of said 1st day of February, 1913, at said office of H. C. Jones said bids will be opened and considered by said Board.

The contract or contracts will be awarded to the lowest responsible bidder or bidders who will give such security as the Board may require. The Board, however, reserves the right to reject any and all bids.

Each bid must be accompanied by a certified check on a reliable bank for five per cent of the amount of the bid and made payable to H. C. Jones, Clerk of said Board of Trustees.

Dated January 4, 1913.

M. S. MOONE,

H. CENTER,

HERBERT C. JONES,

Board of Trustees of Hester School District.

NOTICE TO CONTRACTORS.

OFFICE OF THE BOARD OF STATE Harbor Commission, Union Depot and Ferry House, San Francisco, Cal., January 7, 1913.

Sealed proposals or bids will be received at this office at or prior to 11:00 o'clock a. m. on Thursday, January 24, 1913, for furnishing materials and con-

structing Pier No. 37, and adjacent Bulkhead Wharf, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Assistant State Engineer and adopted by the Board November 21, 1912, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of fresh cut, close grained, first-class Douglas yellow fir piles, merchantable yellow fir lumber, redwood lumber, Portland cement (which will be furnished the contractor by the Board), sand, crushed rock or gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, car springs, rails and fastenings, asphalt paving roofing, etc. All material used in the structures will be subjected to a rigid examination and test, and if found defective, undersize, unsuitable or not as specified will be condemned and must be removed from the work by the contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal; said check to be made payable to the order of the Secretary of the Board, as a guarantee on the part of the successful bidder that he will within six (6) days after the acceptance of the bid and the award of contract, enter into a written contract to do said work, according to the plans and specifications prepared therefor, and will also execute and file with the Board a bond in such sum as the Board may deem adequate, with two or more sureties, to be approved by said Board and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract, nor will said bid be considered by the Board unless delivered to the secretary, or to the assistant secretary, at the office of the secretary, at or prior to 11:00 o'clock a. m. Thursday, January 23, 1913, at which time and place the bids will be opened. The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids. Plans and specifications of this work to be had at Room No. 18, Ferry Building, upon depositing \$20.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelopes containing bid, "Bid for Pier No. 37."

J. J. DWYER,

THOMAS S. WILLIAMS,

J. H. McALLUM,

Board of State Harbor Commissioners.

JEROME NEWMAN,

Assistant State Engineer.

LEO V. MERLE, JR.,

Secretary.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for One Officer's Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. February 15, 1913, and then and there publicly opened, for the construction of quarters for Inspector of ordnance (one frame house)

at the naval magazine, Puget Sound, Wash. Estimated cost, \$8,500. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. H. R. STANFORD, chief of bureau.

PROPOSALS FOR ELECTRIC EQUIPMENT.

ELECTRICAL APPARATUS—Department of the Interior, United States Reclamation Service, Washington, D. C., December 13, 1912.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until **2 o'clock p. m. January 22, 1913**, for furnishing electrical apparatus for St. Mary Storage Unit, Milk River project, Montana. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. A. P. DAVIS, acting director.

PROPOSALS FOR HYDRAULIC APPARATUS.

HYDRAULIC APPARATUS—Department of the Interior, United States Reclamation Service, Washington, D. C., December 13, 1912.—Sealed proposals will be received at the office of the United States Reclamation Service, Los Angeles, Cal., until **2 o'clock p. m. January 22, 1913**, for furnishing hydraulic apparatus for St. Mary Storage Unit, Milk River project, Montana. For particulars address U. S. Reclamation Service, 605 Federal Building, Los Angeles, Cal., or Washington, D. C. A. P. DAVIS, acting director.

PROPOSALS FOR BRIDGE STEEL.

FABRICATED STEEL AND FIELD RIVETS—Sealed proposals will be received at the office of the purchasing agent, bureau of supply, Manila, P. I., until **8 a. m. January 15, 1913**, and at the office of the insular purchasing agent, bureau of insular affairs, room 1530, 17 Battery Place, New York City, N. Y., U. S. A., until **7 p. m. January 14, 1913**, and then publicly opened, for furnishing all the fabricated steel and field rivets for: Two spans at 90 feet, one span at 100 feet and one span at 130 feet for Nueva Ecija bridges; seven spans at 160 feet for the Laoag bridge, Ilocos Norte, and one span at 160 feet for the Rugao bridge, Isabela, for the government of the Philippine Islands. Envelopes containing proposals should be plainly marked "Proposals for Fabricated Steel for Nueva Ecija, Laoag and Rugao Bridges." Instructions to bidders, general conditions, proposals, plans and specifications may be obtained and examined at the office or offices above named. Additional information will be furnished upon application. Bidders are requested to be present at the time stated above when bids for the work will be opened. Address all communications to the purchasing agent, bureau of supply, Manila, P. I., or insular purchasing agent, bureau of insular affairs, room 1530, 17 Battery Place, New York City, N. Y., U. S. A.

PROPOSALS FOR BOILERS.

BOILERS—Office of Depot Quartermaster, Seattle, Wash., December 28, 1912.—Sealed proposals will be received here until **11 o'clock a. m. January 28, 1913**, for repair work and installing new boilers for U. S. cableship Burnside. For information and pro-

posal blanks address W. H. MILLER, colonel, quartermaster corps, depot quartermaster.

PROPOSALS FOR MOVING BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 22nd day of January, 1913**, for doing the following work, including the furnishing of the necessary labor therefor, to wit:

The removal of the High School of Commerce Building from its present location on Grove street, between Larkin and Polk streets, to a lot on the northerly side of Fell street, between Franklin street and Van Ness avenue.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Bureau of Public Works, and completed within two hundred and ten (210) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$125,000.00.

All proposals offered must be accompanied by a check, certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 15th day of January, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The construction of the Hospital for the Infirm Poor, on the Relief Home Tract.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$12,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, F. J. CHURCHILL, Secretary.

PROPOSALS FOR SCIENTIFIC EQUIPMENT.

SEALED PROPOSALS WILL BE received for permanent scientific equipment for the Lowell High School, as per specification in open session of the Board of Education to be held **Wednesday, January 15, 1913, at 2 p. m.** Proposal blanks furnished by the undersigned. M. R. NORRIS, Acting Secretary Board of Education.

PROPOSALS FOR FOUNDRY EQUIPMENT.

SEALED BIDS WILL BE RECEIVED for furnishing and installing Foundry Equipment, Polytechnic High School, in open session of the Board of Education on **Wednesday, January 15, 1913, between 2 and 3 p. m.**

Proposal blanks furnished by the undersigned. M. A. NORRIS, Acting Secretary Board of Education.

PROPOSALS FOR CARPENTRY, CABINET WORK, CLOCKS AND BELLS.

SEALED BIDS WILL BE RECEIVED for Carpenter and Cabinet Work, Electrical Clocks and Bells and Yale Locks for use in the Girls' High School in open session of the Board of Education **January 15, 1913, between 2 and 3 p. m.**

Proposal blanks furnished in Secretary's office, Temporary City Hall.

M. R. NORRIS, Acting Secretary Board of Education.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMAS-TER, Fort Mason, Cal., January 8th, 1913.—Sealed proposals, in triplicate, for constructing an additional 10 inch water main and By-Pass at Fort Winfield Scott, Cal., will be received here until **11 a. m., January 16th, 1913**, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals to be endorsed "Proposals for Water Main, Fort Winfield Scott" and addressed to LT. COL. GEO. MCK. WILLIAMSON, Q. M. Corps.

PROPOSALS FOR CONSTRUCTING BUILDING.

SEALED proposals will be received at the office of the Hogue Builders' Investment and Securities Company at Stockton, Cal., up to **12 o'clock, noon, January 27, 1913**, and at the office of Glenn Allen, Architect, 1396 Golden Gate avenue, San Francisco, up to **12 o'clock, noon, January 25, 1913**, for all of the labor and materials for the construction of a four-story brick Class "C" apartment building to be erected at the northwest corner of Eldorado and Flora streets, Stockton, Cal.

Plans may be seen at the office of the company at Stockton, or at the office of the architect at San Francisco. Contractors may bid on any or all portions of the work. Each bid is to be accompanied by a certified check for 10% of amount bid, payable to J. B. Henderson, Secretary. Said check to be forfeited by the successful bidder if he fails to enter into contract and give satisfactory bond within five (5) days of date of award.

The right is reserved to reject any or all bids, or to waive any formality in the interest of the company.

(Signed) J. B. HENDERSON.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M., Tuesday, January 28, 1913, for the following work:

Contract No. 21.

For Fabricating and Furnishing Structural Steel for Freight Apron in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of con-

tract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$25.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. A. L. Brownlee. This building has been mentioned in these columns before when the plans were first started. The structure will be erected on Jones street, and is to be arranged for a number of two and three room suites with wall beds and private baths. Interior will be finished in pine and redwood. There will be steam heat and a vacuum cleaning system. Bath rooms will be finished in tile and will have cement floors. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base. Class C construction. Cost not stated. San Francisco. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will occupy a very favorable site and will contain in the neighborhood of 120 rooms, which are to be arranged in two and three room suites with every modern convenience. There will be steam heat, wall beds, connecting baths and a vacuum cleaning system. Interior will be handsomely finished. The exterior of the building will probably be faced with pressed brick and terra cotta. Plans are being prepared and will be out for figures in the course of the next month.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architects, Hladik & Thayer, Monadnock Building, S. F. Owner's name withheld. The dwelling will be erected in the Richmond District and has been designed to contain eight rooms, and bath. Interior finish will be of pine, redwood and hardwoods with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. There will be an automatic water heater installed. The exterior will probably be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$4,000. Architect, Ernest Hildebrand, Crocker Bldg., S. F. Owners, Ernest Hildebrand and Antone Lettich. This building has been mentioned in these columns before. Bids are now being taken for all parts of the work except the carpentry work. There will be furnace heat and open fire places with brick mantels. The interior finish will be of pine and redwood. Exterior will be covered with cement plaster on metal lath.

PIER NO. 37—Concrete pier construction. Cost not stated. San Francisco. Engineer, Asst. State Engineer, Ferry Bldg., S. F. Owners, State of California. Plans have been approved for the construction of this work and bids are now being taken. An official proposal for the work appears in another column of this issue. The pier will be similar in construction to several others recently contracted for by the State Board of Harbor Commissioners and now under construction. Bids will be opened on January 23rd.

PIER NO. 41—Concrete pile construction. Cost not stated. San Francisco. Engineer, Asst. State Engineer, Ferry Bldg., S. F. Owners, State of California. The Harbor Board Thursday approved plans and specifications submitted by Assistant Engineer Carl Uhlig, for pier 41, to be constructed at the foot of Stockton street. The new pier is to be 1,080 feet in length on one side and 880 feet on the other; 200 feet wide, with a spur track on each side; concrete pillars, supported by wooden piling, will be ten feet apart. The pier is to be built at an angle with the seawall, and will act as a breakwater for other docks. It is to be an open wharf, without roof, for handling heavy and bulky articles.

FREIGHT SLIP—Wooden pile construction. Cost not stated. San Francisco. Engineer, Director of Works of the Panama-Pacific International Exposition, Exposition Bldg., S. F. Owners, Panama-Pacific International Exposition. Plans are complete and figures are now being taken for the construction of a freight slip at the Fair Site, Harbor View. The official proposal for this work appears in another column

of this issue. Bids will be opened on January 18th. Bids will be opened by the Fair Commission on January 28th for furnishing and fabricating the structural steel for the apron of the slip. Complete information relative to this work may be obtained from the Director of Works, 617 Exposition Bldg.

FLATS—3 story and base, frame, \$9,000. San Francisco. Architect, J. J. Foley, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on 18th street, between Valencia and Guerrero streets, and has been designed to contain one five-room and two six-room flats. Interior finish will be of pine throughout. There will be open fire places and tile mantels. Baths and entrance will be finished in tile and Alaska marble. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, Julius Nicolaissen 173 23rd Ave., S. F. The building will cover an area of 26x80 feet and will contain two modern flats of five and six rooms each. All interior finish will be of pine or redwood. There will be gas grates and tile mantels. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Oscar Thunberg, 678 9th Ave., S. F. The building will be erected in the Richmond District, and has been arranged for two modern flats of six rooms each. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Baths will be finished in tile. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$4,500. San Francisco, Architects, Welsh Carey, Western Metropolitan Bank Bldg., S. F. Owner, M. W. Fay. This work was mentioned here when the architects first started the plans. The building will contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile with cement floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HIGH PRESSURE AND SERVICE WATER SUPPLY SYSTEMS—Cost not stated. San Francisco. Engineer, Director of Works, Exposition Bldg., S. F. Owners, Panama-Pacific Exposition Co. Bids will be opened on January 28th for the construction of a high pressure water system and also for a service supply water system at the Exposition site, Harbor View. Full particulars and complete plans and specifications can be obtained from the Director of Works. The official proposal appears under another heading in this issue.

GARAGE—2 story and base, brick and steel. Cost not stated. San Fran-

cisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Mary N., Lucy H., and Edith W. Allyn. The building will be erected on the south line of Mission street, between First and Second streets, and will have a frontage of nearly 50 feet and will extend through to a rear street. The first floor and basement will be of concrete. Upper floor will be arranged for lofts. The exterior will be faced with pressed brick. There will be metal window sash and frames. Plans are complete and figures are being taken.

GARAGE—2 story and base, reinforced concrete, \$25,000. San Francisco. Architect, A. Leo Ellis, Shreve Bldg., S. F. Owner's name withheld. The building will be erected on Van Ness avenue, and will be arranged for sales and display rooms on the first floor, shipping and repair shop on the upper floor. Interior of the sales rooms will be finished in hardwoods and tile. The exterior of the building will be faced with cement plaster. Plans are now being prepared and will be complete in the course of the next month.

HOSPITAL—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Architectural Dept., Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building will be known as the Hospital for the Infirm Poor and will be erected on the Relief Home Tract. Plans were previously out for figures but the bid of the lowest man was rejected as being above the appropriation. New figures are now being taken. Bids will be opened on January 15th. Plans, specifications and full particulars can be secured from the Department of Architecture.

HOTEL—8 story and base, brick and steel, \$85,000. San Francisco. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District, and will contain in the neighborhood of 200 rooms and baths. There will be steam heat, elevator service, a vacuum cleaning system and all other modern conveniences. Further details of construction have not been determined, but will be given in these columns as the plans progress. Figures will be called for in the course of the next month.

HOTEL—6 story and base, reinforced concrete, \$60,000. San Francisco. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. This building will contain in the neighborhood of 120 rooms, nearly all of which will have connecting baths. Interior finish will be of pine and redwood with some oak and ornamental plaster in the lobby. There will be steam heat, elevator service and a vacuum cleaning system. The exterior will probably be faced with cement plaster. Detail plans are now being prepared and will be out for figures in three weeks or a month.

HOTEL—4 story and base, brick and steel. Cost not stated. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Peninsula Realty Co. The building will be erected at the northwest corner of Ellis and Fillmore streets. The first floor will be arranged for stores, the hotel entrance and lobby. Upper floors will be divided into about 120 rooms and baths. Interior finish will be of pine and redwood. There will be steam heat and elevator service. The exterior will be

faced with pressed brick. Plans are now being prepared.

HOTEL—7 story and base, brick and steel, \$70,000. San Francisco. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner's name withheld. The building will be erected in the north line of Sutter street, between Jones and Leavenworth streets, and will be strictly modern in all its appointments. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and hardwoods. All rooms will have connecting baths. The exterior will be faced with pressed brick. Plans are being prepared.

REMOVAL OF BUILDING—4 story Class A construction. Cost not stated. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened on January 22 by the Board of Public Works for moving the present Commercial High School from its site on Grove street, between Larkin and Polk, to a new site on Fell street, between Van Ness avenue and Franklin street. A bond of \$125,000 is required of the successful bidder. The building is the largest Class A structure that has ever been attempted to move in this city, and the feat will be watched with more than ordinary interest. The official proposal for this work appears in another column of this issue.

STORES AND OFFICES—Reinforced concrete, \$40,000. San Francisco. Architects, Frye & Schastey, Monadnock Bldg., S. F. Owners, Hop Woe Society. This will be one of the first high class commercial buildings to be erected in San Francisco's Chinatown. There will be several stores on the first floor and offices above. Interior will be finished in pine and hardwoods. There will be a central heating system. The exterior will be faced with pressed brick. Patent store fronts will be used. Plans are complete and will be out for figures next week.

STORES—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, none. Owners, N. A. and Sarah J. Dorn, Phelan Bldg., S. F. The building will be erected at the corner of Davis and Washington streets in the wholesale district. There will be two stores with patent store fronts. The exterior will be faced with cement plaster. A contract for the excavating has been awarded to the Sibley Grading and Teaming Co., and plans for the balance of the work are out for figures.

STORES AND LOFTS—2 story and base, brick, \$21,000. San Francisco. Architect, D. C. Coleman, Merchants' Exchange Bldg., S. F. Owner, M. Fisher. The building will be erected at the southeast corner of Pine and Van Ness avenue, and will cover an area of 80x84 feet. The first floor will be arranged for automobile sales rooms and the upper floor for light lofts. There will be a freight elevator. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

WATER MAIN AND BY-PASS—Cost not stated. San Francisco. Engineer, Constructing Q. M. Dept., U. S. A., Fort Mason. Owners, United States Government. Bids will be received until 11 a. m. of January 16th for constructing additional 10-inch water main and By-

pass at Fort Winfield Scott. Plans and specifications can be obtained from the Constructing Quartermaster at Fort Mason. The official proposal appears in another column of this issue.

Exposition Co. Open Bids For Sewers.

Seven Bids Received For The Construction of Sanitary and Storm Water Sewers.

Seven sets of figures were received by the Panama-Pacific International Exposition Company on January 9th for the construction of sanitary and storm water sewers on the Exposition Site at Harbor View. Michael Murphy presented the lowest figure at \$28,350. From this amount bids ran as high as \$49,000. The following is a complete list of all figures received:

Sanitary and Storm Water Sewers.

Sunset Constr. Co.	\$32,000
Contra Costa Constr. Co.	49,200
Pringle-Dunn Co.	31,000
Healy-Tibbitts Constr. Co.	35,000
Hilmer & O'Connell	43,500
Michael Murphy	28,350
Edward Malley	43,700

Big Opportunities That Are Neglected.

Charles S. Paget, of Canton, Here to Tell Material Dealers of a Splendid New Field.

Charles S. Paget, a member of an old established firm, long identified with many prominent architectural and business projects in the Far East and notably in Southern China, is stopping at the Palace Hotel.

Mr. Paget is an associate member of the American Society of Civil Engineers and his long sojourn in the Orient has given him an insight into conditions, as they exist, in the new and growing republic possessed by few men in the profession. Mr. Paget is an American citizen who has spent eleven years in China and has become identified with the development and progress of the new Chinese Republic. He is here to stimulate American interest and enterprise in that country and would like to meet San Francisco dealers, manufacturers and exporters of building materials with a view of introducing American materials into Southern China.

In speaking of San Francisco and the possibilities at hand for the future development of a most valuable trade with China and the Far East, Mr. Paget said: "I am much impressed with the wonderful development of this city, the excellent and substantial character of its buildings and the wonderful recuperation of the city from the disastrous effects of the earthquake and fire and above all the optimistic spirit of the business men of the city. A wonderful opportunity lies before San Francisco in the development of trade with the ambitious and awaking China."

"TRIANGLE MESH"

The Universal Fabric

TWICE AS MUCH
"TRIANGLE MESH"

IS SOLD IN THE U. S. AS ALL
OTHER FABRICS PUT
TOGETHER.

All the Sincerity, the Prestige and the immense Manufacturing Facilities of the "United States Steel Corporation" stand behind **"TRIANGLE MESH"** and ensure to the Designer the Builder and the Owner the Integrity of the Structure in which **"TRIANGLE MESH"** is used.

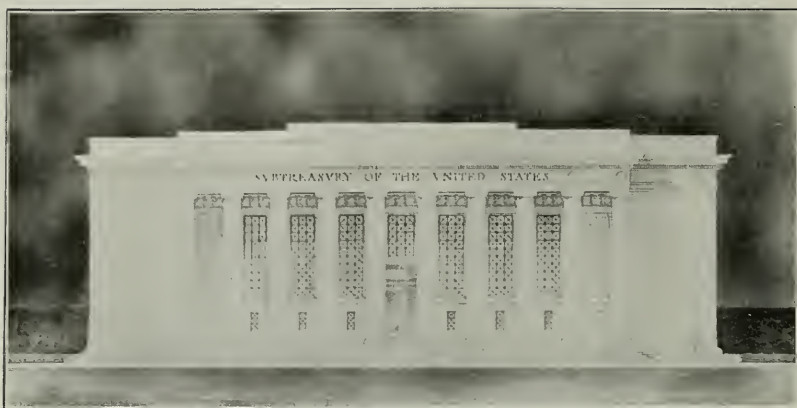
Recent Large "TRIANGLE MESH" Jobs:

S. F. State Armory
W. O. W. Bldg., Oakland
L. A. State Armory
St. Winifred Hospital, S. F.
S. F. Disposal Plant
Water Front Road, City of Oakland

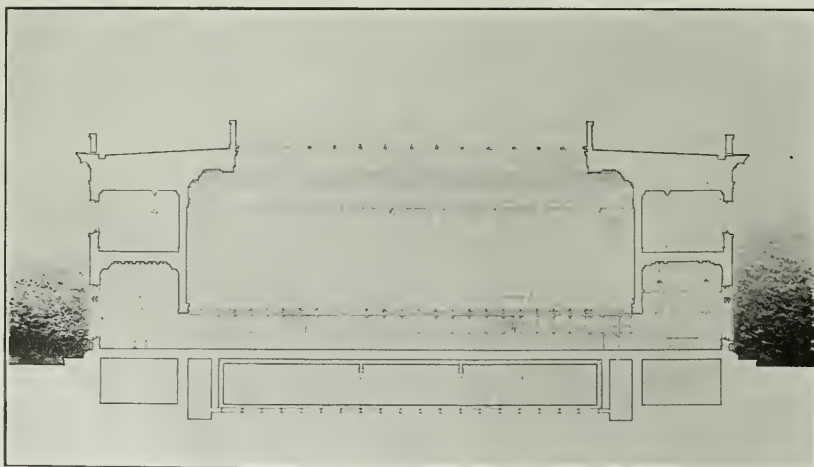
The Lilley & Thurston Co.

RIALTO BUILDING,

SAN FRANCISCO



FRONT ELEVATION UNITED STATES SUBTREASURY BUILDING
San Francisco

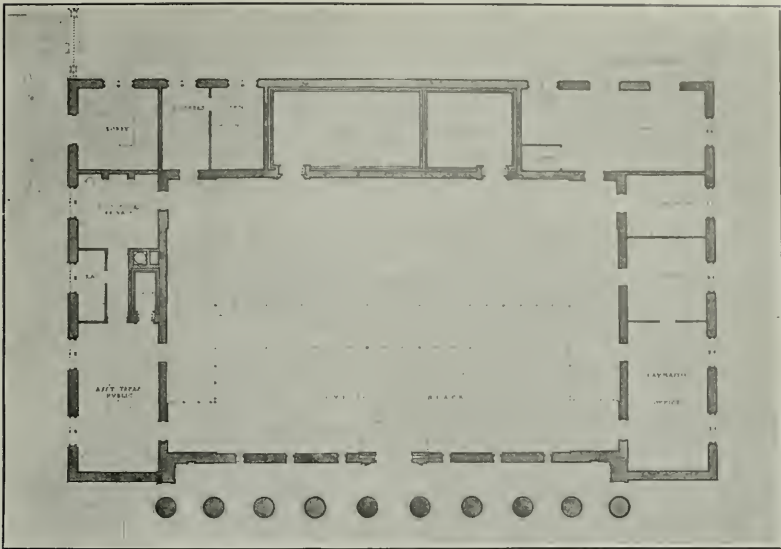


SECTION OF UNITED STATES SUBTREASURY
San Francisco

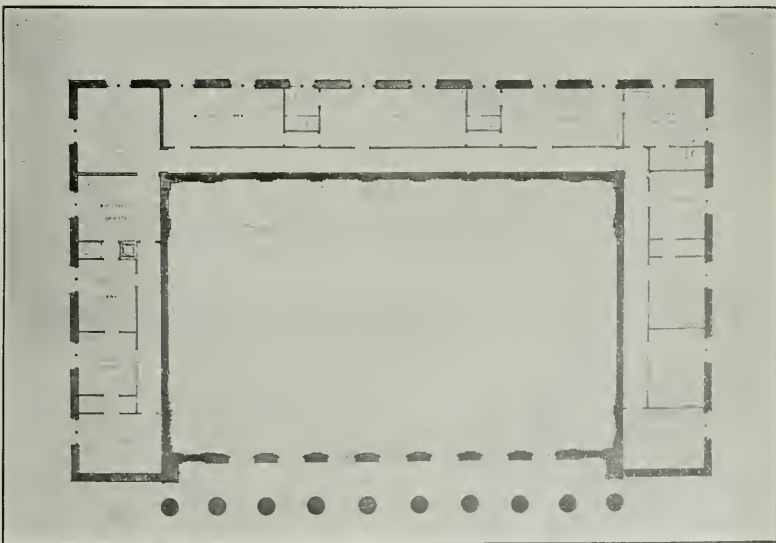
Milton J. Dyer, Architect
Cleveland, Ohio

Building and Industrial News.
January 14, 1913

PLATE A



FIRST FLOOR PLAN UNITED STATES SUBTREASURY
San Francisco



SECOND FLOOR PLAN UNITED STATES SUBTREASURY
San Francisco

Milton J. Deyer, Architect
Cleveland, Ohio

Mr. Paget's views on the splendid opportunities which lie before San Francisco in relation to trade with the Far East are in accord with those held by this paper. The "Builder" has, from time to time, made determined efforts to stimulate the interest of San Francisco firms in construction work abroad, printing advance news of large projects pending in the Far East, but with little success. Many incidents could be sighted of large construction enterprises upon which bids were called and notice given in the press of many Pacific Coast cities which attracted no bidders from this coast. The same condition is true, to a greater or less extent, of government and private work in Hawaii and the Philippine Islands.

Another determined effort will be made by the "Builder" in the near future to stimulate interest in construction work abroad by the publication of construction news from countries of which San Francisco is the logical shipping point. Various prominent business men will be interviewed to learn their stand on the subject and, in cases where possible, plans, specifications and complete information relative to the work will be secured from the authorities.

Mr. Paget will be in San Francisco for the next two or three weeks, after which he will visit Chicago and New York with the purpose in view of stimulating trade relations with the Orient. Later he will interview the merchants and manufacturers of London and Europe. As, in the case of most patriotic citizens who have spent years in foreign lands, Mr. Paget is decidedly American and his greatest ambition is to see his home country come into its own in the matter of foreign trade. As an American he is envious of the splendid energy with which the English and German merchants and manufacturers pursue the export trade opportunities and hopes to see the time when the United States and particularly the Pacific Coast cities will awake and grasp the chance offered to dominate this great commercial field.

BUILDING SUPERINTENDENT.

Glacken, Edwd. E., General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded.

San Francisco.

50	Forbes	McDonald	1900
51	Same	Same	1900
52	Same	Same	1900
53	Talbot	Sass	2000
54	Breeze	McLean	2000
55	Gottlicher	Graham	1200
56	Umer	Stephenson	1200
57	Gartro	Hansen	1700
58	Italo Bank	Owner	2000
59	Both	Hennings	1700
60	Depaoli	New Era	1200
61	Getz	Klein	4000
62	Levin	Gilley	1050
63	Lichenstein	Eisenberg	1800
64	Crocker	Vulcan	1135
65	Royal Invest	Dewar	11464
66	Same	Peterson	14745
67	Same	Hughes	1200
68	Same	Pioneer Window	1050
69	Same	Hicks	729
70	Same	Wade	800
71	Same	Philbin	3006
72	O'Neil	Nichols	1250

Lloyd S. Ackerman

Attorney-At-Law

Building Law and the Law of
Mechanics' Liens.

Rooms 414-418 Nevada Bank Bldg.
14 Montgomery St., S. F.

Refers to Anglo California Trust Co.,
General Contractors' Association, United
States Fidelity & Guaranty Co., Daily
Pacific Builder.

73	Allibert	Esmiol	1250
74	Nilsson	Nilsson	1850
75	Emporium	Emporium	800
76	Groff	Groff	1750
77	Fisher	Fisher	21000
78	Thunberg	Thunberg	5000
79	Novello	Novello	400
80	Carriere	Morillo	400
81	Crane	Thompson	400
82	Cronin	Cronin	400
83	Roberts	Steinauer	800
84	Chapman	Chapman	600
85	Nelson	Nelson	2500
86	Nelson	Nelson	2500
87	Altbus	Trevla	450
88	Früche	Hegin	400
89	Anderson	Anderson	1000
90	Varellas	Gulifoy	500
91	Warehouse Inv	Stoffels	38465
92	Marstapappa	Del Pavera	4850
93	Fisher	Diagon	2500
94	American Can	Dubel	2500
95	Bruns	Klimm	1980
96	Same	Dahlberg	10980
97	Klahn	Klahn	2000
98	Same	Same	2000
99	Marks	Marks	450
100	Kennedy	Kennedy	400
101	Saunier	Saunier	600
102	Dunn	Dunn	1452
103	Yngve	Yngve	3000
104	Lindberg	Anderson	500
105	Tucker	Tucker	750
106	Coleson	Rose	100
107	Dorn	Sibley	1550
108	Ruthie	Wilkie	900
109	Gardner	Pan Wdkg	400
110	Colonial Hotel	Gulifoy	400
111	Stanulat	Stjorn	450
112	Mitrovitch	Partivos	400
113	Mills	Mowat	400
114	Dunne	Bovyer	1800
115	Spandan	Harcor	900
116	Syenga	Annefeld	1640
117	Kane	Montgomery	2628
118	Union Pacific Salt	Wells	1465
119	Same	Wallen	8500
120	Elvin	Elvin	7550
121	Gesting	Moore	5000
122	Dragon	Glaser	650
123	Jordan	Jordan	1000
124	Jordan	Jordan	1000
125	Happ	Lott	2000
126	Nicolaisen	Owner	4000
127	Monteverde	Rossi	5250
128	Mensor	Central Iron	7800
129	Grimes	Weinert	1350
130	Blasagno	Woodridge	3727
131	Young	Trost	6329
132	Friedman	Mollath	3600

(50) SW CALIFORNIA AND NINTH
Ave. Two-story and basement frame
dwelling.

Owner.....Wm. H. Forbes, 211 9th
Ave., San Francisco.
Architect...None.
Contractor...W. L. McDonald, 2530
Dwight Way, Berkeley.
COST, \$1900

(51) W NINTH AVE 26 S California.
Two-story and basement frame dwlg.
Owner.....Wm. H. Forbes, 211 9th
Ave., San Francisco.
Architect...None.
Contractor...W. L. McDonald, 2530
Dwight Way, Berkeley.
COST, \$1900

(52) W NINTH AVE 52 S California.
Two-story and basement frame dwlg.
Owner.....Wm. H. Forbes, 211 9th
Ave., San Francisco.

Architect...None.
Contractor...W. L. McDonald, 2530
Dwight Way, Berkeley.
COST, \$1900

(53) NO. 1819 CALIFORNIA. Repair
fire damage to attic and roof.
Owner.....Mrs. Talbot, Granada
Hotel, San Francisco.
Architect...None.
Contractor...Sass & Son, 648 California
San Francisco.
COST, \$2000

(54) NO. 212 CALIFORNIA. Install
office partitions and small freight
elevator.

Owner.....Breeze Investment Co, 732
Mills Bldg., San Francisco.
Architect...None.
Contractor...N. A. McLean, 225 Chronicle
Bldg., San Francisco.
COST, \$1000

(55) E FOLSOM 150 N Eugenia. One-
story and basement frame dwelling.
Owner.....F. Gottlicher, 769A Clem-
entina, San Francisco.
Architect...None.
Contractor...Wm. H. Grahn, 3008 Harri-
son, San Francisco.
COST, \$1200

(56) W NAPLES 150 S FRANCE. One
story and basement frame dwlg.
Owner.....W. Umer, 222 Raymond,
Ave., San Francisco.
Architect...None.
Contractor...Stephenson & Parry, 222
Raymond Ave., S. F.
COST, \$1200

(57) SE BAKER AND LOMBARD.
Alter store to dining room and panel
kitchen.

Owner.....Max Gartro, 2946 Baker,
San Francisco.
Architect...None.
Contractor...Peter Hansen, 1533 Green,
San Francisco.
COST, \$1700

(58) COLUMBUS AVE AND MONT-
gomery (at junction). Repairs and
alterations to bank.

Owner.....Italo Popular Bank, Prem.
Architect...Italo Zanolini, 504 Mont-
gomery Ave., S. F.
Day's work.
COST, \$2000

(59) SW HAMPSHIRE & TWENTY-
fifth. Alter and add to works.

Owner.....Adolph Both, 942 Capp.
San Francisco.
Architect...None.
Contractor...Adolph Hennings, 1006
Noe, San Francisco.
COST, \$1700

(60) NE SANTA ROSA 150 NW Mis-
sion. One and one-half-story and
basement frame dwelling.

Owner.....J. B. Depaoli, 148 London,
San Francisco.
Architect...None.
Contractor...New Era Bldg. Co., Inc.,
3289 Mission, S. F.
COST, \$1900

(61) W TWENTY-SIXTH AVE 225 N
Judah. Two-story and basement
frame dwelling.

Owner.....E. G. Getz, 24th Ave. and
Lincoln Way, S. F.
Architect...None.
Contractor...F. A. Klein, 1423 24th Ave.,
San Francisco.
COST, \$4000

(62) NO. 1470 CALIFORNIA. Install low pressure steam heating system and one radiator, 1 steam generator in basement and fire proof with wire lath and plaster.

Owner.....L. Levin, 1830 Buchanan, San Francisco.

Architect...None.

Contractor...Gilley-Schmidt Co., 198 Otis, San Francisco.
COST, \$1050

(63) NO. 2432 JACKSON. Wiring, new plumbing, add one room and new roof.

Owner.....Mrs. H. Lichtenstein, 1428 Geary, San Francisco.

Architect...Albert Schroeffer, 68 Post San Francisco.

Contractor...H. Eisenberg, 1428 Geary, San Francisco.
COST, \$1800

(64) SW BUSH AND SANSOME S 68-9xW 137-6. Structural steel and ornamental cast iron for alterations to Moore Watson Building.

Owner.....Crocker Estate Co.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...Vulcan Iron Works, Francisco and Kearny, S. F.

Filed Jan. 6, '13. Dated Dec. 28, '12.

On acceptance.....75%
Usual 35 days.....25%

TOTAL COST, \$1135

Bond, none. Limit, 1 week after Jan. 15, '13. Plans only filed.

(65) NE CALIFORNIA & VAN NESS Ave N 142-2 1/4 x E 100. Lumber, mill, stairs, marble, ornamental iron, post caps, joist hangers, stirrups, rough and finish hardware, roofing, iron gates, fire escapes, flooring, etc for three-story loft building.

Owner.....Royal Investment Co., 750 Phelan Bldg., S. F.

Architect...O'Brien Bros., Clunie Bldg San Francisco.

Contractor...Robt. Dewar & Son, 180 Jessie, San Francisco.

Filed Jan. 6, '13. Dated Jan. 4, '13.

2nd story joists set.....\$2566

Roofed and rough floored.....2866

Completed and accepted.....2866

Usual 35 days.....2866

TOTAL COST, \$11,464

Bond, none. Limit, 40 days after notification. Forfeit, \$10. Plans and specifications filed.

(66) EXCAVATING UP FILLING, concrete walls, floors, wood forms, steel reinforcement on above.

Contractor...Peterson & Rupp.

Filed Jan. 6, '13. Dated Jan. 4, '13.

On list of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$14,745

Bond, none. Limit, 75 days. Forfeit, \$15. Plans and specifications filed.

(67) TIN, GALVANIZED AND CORRUGATED IRON, ornamental caps, etc., on above.

Contractor...J. H. Hughes.

Filed Jan. 6, '13. Dated Jan. 4, '13.

On completion.....\$900

Usual 35 days.....300

TOTAL COST, \$1200

Bond, none. Limit, 30 days after notification. Forfeit, \$5. Plans and specifications filed.

(68) GLASS & GLAZING ON ABOVE. Contractor...Pioneer Plate & Window

Glass Co., 1037 Mission, San Francisco.

Filed Jan. 6, '13. Dated Jan. 4, '13.

On completion.....75%

Usual 35 days.....25%

TOTAL COST, \$1050

Bond, none. Limit, 10 days after notification. Forfeit, \$5. Plans and specifications filed.

(69) ELECTRIC WORK ON ABOVE.

Contractor...Hicks & Polte, 320 Market San Francisco.

Filed Jan. 6, '12. Dated Jan. 6, '13.

50% of wiring installed.....\$273.55

Completed and accepted.....273.55

Usual 35 days.....182.40

TOTAL COST, \$729.50

Bond, none. Limit, 30 days after notification. Forfeit, none. Plans and specifications filed.

(70) PLUMBING, GAS FITTING AND sewerage on above.

Contractor...Wm. Wade, 327 Guerrero, San Francisco.

Filed Jan. 6, '13. Dated Jan. 4, '13.

Roughed in.....\$300

Completed and accepted.....300

Usual 35 days.....200

TOTAL COST, \$800

Bond, none. Limit, 30 days after notification. Forfeit, \$10. Plans and specifications filed.

(71) WOOD AND METAL LATH AND plastering on above.

Contractor...J. J. Philbin, 193 Crescent Ave., San Francisco.

Filed Jan. 6, '13. Dated Jan. 4, '13.

Lathed.....\$800.00

Brown coated.....800.00

Completed and accepted.....879.50

Usual 35 days.....826.50

TOTAL COST, \$3306.00

Bond, none. Limit, none. Forfeit, \$5. Plans and specifications filed.

(72) W HARRISON 195*W Third. Repair fire damage.

Owner.....B. J. O'Neill, 151 Sutter, S. F.

Architect...None.

Contractor...H. D. Nichols, 151 Sutter, San Francisco.

COST, \$1250

(73) NW BROADWAY & STOCKTON. Alter and repair store.

Owner.....Allibert & Esmiol, Prem.

Architect...Fabre & Bearwald, Merchants National Bank Bldg. San Francisco.

Day's work. COST, \$1250

(74) E SAN GABRIEL 25 S Capistrano One and one-half-story and basement frame dwelling.

Owner.....N. F. Nilsson, 358 Coleridge, San Francisco.

Architect...None.

Day's work. COST, \$1850

(75) S MARKET — E Fifth. Install oven.

Owner.....The Emporium, Premises.

Architect...None.

Day's work. COST, \$600

(76) NO. 961 PINE. New floor and partitions in 10 rooms.

Owner.....Mrs. A. Groff, Premises.

Architect...Dunn & Kearns, 957 Monadnock Bldg., S. F.

Day's work. COST, \$1750

(77) SW PINE AND VAN NESS AVE. Two-story and basement brick stores and lofts.

Owner.....M. Fisher, 105 Montgomery, San Francisco.

Architect...D. C. Coleman, Merchants National Bank Bldg., S. F.

Day's work. COST, \$21,000

(78) S CABRILLO 95 W 10th Ave. Two-story and basement frame flats.

Owner.....Oscar Thunberg, 678 9th Ave., San Francisco.

Architect...None.

Day's work. COST, \$5000

(79) NO. 74 GLADYS. Raise and repair dwelling.

Owner.....M. Z. Novello, Premises.

Architect...None.

Day's work. COST, \$400

(80) NO. 1377 FAIRFAX AVE. Install light wells and shingle roof.

Owner.....Joseph Carrere, Premises.

Architect...Peter Morificat, 1333 E-18th, Oakland.

Contractor...Peter Morificat, 1333 E-18th, Oakland.

COST, \$400

(81) SW SECOND AND BRANNAN. Erect platform.

Owner.....Crane Co., Premises.

Architect...None.

Contractor...W. Thompson & Co., 512 Commercial, San Francisco.

COST, \$400

(82) SW TWENTY-NINTH AND SANCHEZ. New front.

Owner.....Mary A. Cronin, 403 29th, San Francisco.

Architect...None.

Contractor...J. Cronin, 403 29th, S. F.

COST, \$400

(83) NO. 1409 BAKER. Alterations and additions to frame building into two flats.

Owner.....Mrs. J. P. Roberts, Prem.

Architect...None.

Contractor...S. Steinauer, 3926 Sacramento, San Francisco.

Filed Jan. 7, '13. Dated Jan. 3, '13.

Completed and accepted.....\$600

Usual 35 days.....200

TOTAL COST, \$800

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(84) W GATES 125 N Powhattan. One-story and basement frame dwlg.

Owner.....Fred Chapman, 35 Banks, San Francisco.

Architect...None.

Day's work. COST, \$600

(85) W SIXTEENTH AVE 275 N Geary. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work. COST, \$2500

(86) W SIXTEENTH AVE 300 N Geary. Two-story and basement frame dwelling.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work. COST, \$2500

(87) E JONES 87-6 S Ellis. Enclose court with concrete wall.

Owner.....B. Altube, 2723 Stuart, Berkeley.

Architect...M. Mattanovich, Hewes Bldg., San Francisco.

- Contractor...Trevia & Pasqualetti, 4007 Bay, San Francisco.
COST, \$150
- (88) NO. 519 SECOND. New floor and front.
Owner.....Mr. Firche, Premises.
Architect...None.
Contractor...Heglin & Carlson, 257 Richland Ave., S. F.
COST, \$400
- (89) N BONVIEW 250 E Eugenia. One story and basement frame dwelling.
Owner.....S. R. Andersen, 4002 22nd, San Francisco.
Architect...None.
Day's work. COST, \$1000
- (90) SE FIFTH AND MARKET. Galvanized iron marquise.
Owner.....P. N. Varellas, Premises.
Architect...None.
Contractor...Guilfooy Cornice Works, 209 8th, San Francisco.
COST, \$500
- (91) S TOWNSEND AND SECOND 89 on Townsend x SE 125. All work except excavation, foundation piers or walls, elevators, elevator doors, outside freight doors and office partitions for three-story and basement reinforced concrete building.
Owner.....The Warehouse Investment Company.
Engineer...A. E. Hornleil, Pacific Bldg San Francisco.
Contractor...Geo. H. Stoffels, Pacific Bldg. San Francisco.
Filed Jan. 8, '13. Dated Jan. 7, '13.
Progressive payments of amount of work done and material actually used in building on 1st and 15th of each month.....
Whatever balance due on completion to be paid 35 days after
TOTAL COST, \$38,465
Bond, \$19,232.50. Surety, Guardian Casualty & Guaranty Co. Limit, 70 days. Forfeit, \$25. Plans and specifications filed.
- (92) E MONTGOMERY 51 N Washington 26-14x62. Alterations and additions to make two-story brick building (stores).
Owner.....Giovanni Cuneo and L. Mastropasqua, 550 Washington, San Francisco.
Architect...Loula Mastropasqua, 580 Washington, San Francisco
Contractor...G. Del Pavero, 1829 Mason, San Francisco.
Filed Jan. 8, '13. Dated Jan. 2, '13.
Roof on\$1212.50
1st coat plaster on 1212.50
Completed and accepted..... 1212.50
Usual 35 days..... 1212.50
TOTAL COST, \$4850.00
Bond, none. Limit, 75 days after Jan. 6, '13. Forfeit, none. Plans and specifications filed.
- (93) E TWENTY-FIFTH AVE 150 N Judah N 25xE 120. All work for one and one-half-story frame dwelling.
Owner.....Jos. and Nellie Fisher, 314 Precita Ave., S. F.
Architect...None.
Contractor...Diston & Hatfield, 22 Parnassus Ave., S. F.
Filed Jan. 8, '13. Dated Dec. 16, '12.
Frame up\$625
Rough plaster on 625
Completed and accepted..... 625
Usual 35 days..... 625
TOTAL COST, \$2500
- Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.
- (94) GRANT PLACE AND FOLSOM. All work for two-story frame and galvanized iron building on lot adj. American Can Company's building.
Owner.....The American Can Co., Mills Bldg., S. F.
Architect...None.
Contractor...Charles Duebel & Co, 225 First, San Francisco.
Filed Jan. 8, '13. Dated Jan. 8, '13.
75% of work installed when concrete in place
75% additional work installed when wood frame erected.....
Balance of 75% of contract price when building completed.....
Usual 35 days, balance.....
TOTAL COST, \$2500
Bond, none. Limit, 25 days. Forfeit, none. Plans and specifications filed.
- (95) E DOLORES 77-6 N 20th N 37-6x E 105 MB 77. Plumbing for three-story frame building (12 apartments)
Owner.....G. Bruns.
Architect...Alfred Coffey, Humboldt Bank Bldg., S. F.
Contractor...Frank J. Klimm, 221 Oak, San Francisco.
Filed Jan. 8, '13. Dated Jan. 7, '13.
Rough gas, water and plumbing pipes in\$700
Completed and accepted..... 785
Usual 35 days..... 495
TOTAL COST, \$1980
Bond, none. Limit, 50 days. Forfeit, \$10. Plans and specifications filed.
- (96) EXCAVATION, CONCRETE, CARPENTER, mill, roofing, plaster, hardware, glazing, patent hues, galvanized iron, etc., on above.
Contractor...A. Dahlberg, 3525 Sacramento, San Francisco.
Filed Jan. 8, '13. Dated Jan. 7, '13.
Rough frame up\$1800
Enclosed and roof on 1500
Brown coated and outside finish on 1500
All finish on 1735
Completed and accepted..... 1700
Usual 35 days..... 2745
TOTAL COST, \$10,980
Bond, none. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.
- (97) E TWENTY-FIRST AVE 225 S Irving. Two-story and basement frame dwelling.
Owner.....A. Klahn, 27 Chenery, San Francisco.
Architect...None.
Contractor...A. Klahn & Son, 1127 Sanchez, San Francisco.
COST, \$2000
- (98) E TWENTY-FIRST AVE 250 S Irving. Two-story and basement frame dwelling.
Owner.....A. Klahn, 27 Chenery, San Francisco.
Architect...None.
Contractor...A. Klahn & Son, 1127 Sanchez, San Francisco.
COST, \$2000
- (99) NO. 831 MARKET. Extend balcony, new floors and metal lath and plaster on ceiling.
Owner.....Marks Bros., Premises.
Architect...B. J. Joseph, 1st National Bank Bldg., San Francisco.
Day's work. COST, \$450
- (100) E MADISON 70 S Sullivan. One-story frame dwelling.
Owner.....G. Kennedy, 225 Madison, San Francisco.
Architect...None.
Day's work. COST, \$400
- (101) S POPE 170 E Mission. One-story and basement frame dwlg.
Owner.....August Sautler, 411 Lundy Lane, San Francisco.
Architect...None.
Day's work. COST, \$500
- (102) N ANZA 80 W 27th Ave. One and one-half-story and basement frame dwelling.
Owner.....J. N. Dunn, 519 27th Ave., San Francisco.
Architect...None.
Day's work. COST, \$1900
- (103) E CLAYTON 436 N Ashbury. Two-story and basement frame dwlg.
Owner.....Karl Yngve, 130 Alpine, San Francisco.
Architect...None.
Day's work. COST, \$3000
- (104) NO. 233 COLERIDGE. New stairs and vestibule.
Owner.....Neil Lendberg, Premises.
Architect...None.
Contractor...Anderson & Bloom, 1207 Scott, San Francisco.
COST, \$500
- (105) E TWENTY-EIGHTH AVE 175 N Geary. One and one-half-story and basement frame dwelling.
Owner.....E. V. Tucker, 346 2nd Ave., San Francisco.
Architect...None.
Day's work. COST, \$750
- (106) NE SUTTER AND OCTAVIA. Alterations and additions to building known as Cosmos Club Building, except electrical work.
Owner.....Coleson Co., 14 Montgomery, San Francisco.
Architect...A. F. and C. M. Rousseau, Monadnock Bldg., S. F.
Contractor...L. A. Rose, 631 29th, S. F.
Filed Dec. 9, '13. Dated Jan. 8, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1452
Bond, \$725. Surety, Massachusetts Bonding & Insurance Co., Limit, Feb. 6, '13. Forfeit, none. Plans and specifications filed.
- (107) SE DAVIS AND WASHINGTON. Excavate lot.
Owner.....N. A. and Sarah J. Dorn, Phelan Bldg., S. F.
Architect...None.
Contractor...Sibley Grading & Teaming Co., 180 Jessie, S. F.
Filed Jan. 9, '13. Dated Jan. 9, '13.
When job completed..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1550
Bond, none. Limit, 12 days. Forfeit, none. Plans and specifications, none.
- (108) NOS. 280-284 WALLER. Repair fire damage.
Owner.....Mrs. Emma Ruthie, Prem.
Architect...None.
Contractor...Andrew Wilkie Co., 454 California, San Francisco.
COST, \$900
- (109) W POLK 30 N Clay. Alter front
Owner.....Annie Gardner.
Architect...None.

Contractor...Panama Woodworking Co.,
3552 18th, San Francisco.
COST, \$400

(110) NO. 425 STOCKTON. Galvanized
iron marquee.
Owner.....Colonial Hotel Co., Prem.
Architect...E. T. Foulkes, Crocker
Bldg., San Francisco.
Contractor...Gulfof Cornice Works, 209
8th, San Francisco.
COST, \$400

(111) NO. 25 HANCOCK. Add one
room, repair and alter dwelling.
Owner.....Edw. Stanguish, Premises.
Architect...None.
Contractor...Sjorgren Bros., 4862 26th,
San Francisco.
COST, \$150

(112) NO. 1604 MARKET. Erect par-
tition and platform.
Owner.....B. Mitrovitch, Premises.
Architect...None.
Contractor...S. Partivos, 433 23rd Ave.,
San Francisco.
COST, \$400

(113) NO. 843 OCTAVIA. Erect glass
partition, install iron girder and
columns.
Owner.....Mills Estate, Premises.
Architect...None.
Contractor...T. Mowat, 2135 Market,
San Francisco.
COST, \$400

(114) NO. 1709 GOUGH. Alter and
add to residence, including carpenter
work, plumbing, tiling, hardwood
floors, etc.
Owner.....F. H. Dunne, Premises.
Architect...None.
Contractor...Bovyer & Sons, 2407 Cali-
fornia, San Francisco.
COST, \$1300

(115) NO. 1918 GREENWICH. Move
building to rear of lot.
Owner.....Adolph and Matilder Span-
dan, Premises.
Architect...W. A. Newman, Hewes
Bldg., San Francisco.
Contractor...J. J. Harcan, 3640 Geary,
San Francisco.
COST, \$500

(116) E SANCHEZ 89 S Cumberland S
25x105 MB 92. All work for one and
one-half-story frame building.
Owner.....Jno. and Johanna Sybenga,
25 Hartford, S. F.
Architect...None.
Contractor...Henry Ahnefeld, 3005 King
Berkeley.
Filed Jan. 10, '13. Dated Jan. 7, '13.
Frame up and rafters on.....\$410
1st coat plaster on.....410
Completed and accepted.....410
Usual 35 days.....410
TOTAL COST, \$1640
Bond, \$820. Surety, National Surety
Co. Limit, 60 days. Forfeit, none.
Plans and specifications filed.

(117) E OCTAVIA 56-3 S Lombard E
100xS 25. All work for two-story
frame blacksmith shop and flat.
Owner.....Patrick F. and Elizabeth
Kane, 2936 Octavia, S. F.
Architect...None.
Contractor...E. J. Montgomery, 1218
Broadway, San Francisco.
Filed Jan. 10, '13. Dated Jan. 7, '13.
Frame up.....\$657
Brown coated.....657
Accepted.....657

Usual 35 days.....657
TOTAL COST, \$2628
90 days from filing. Forfeit, none.
Bond, \$1314. Sureties, John H. Brick-
wedel and Chas. Schlesinger. Limit,
Plans and specifications filed.

(118) N SACRAMENTO 225 E Drumm
N 119-6xE 50. One direct connected
freight elevator for three-story and
basement loft building.
Owner.....Union Pacific Salt Co., 46
Sacramento, San Francisco
Architect...O'Brien Bros., Inc., Clunie
Bldg., San Francisco.
Contractor...Wells & Spencer Machine
Co., 139 Beale, S. F.
Filed Jan. 10, '13. Dated Jan. 10, '13.
Machinery in.....50%
Completed and accepted.....25%
Usual 35 days.....25%
TOTAL COST, \$1465
Bond, none. Limit, 30 days. Forfeit,
\$10. Plans and specifications filed.

(119) CARPENTER, JOINERY, HARD-
ware, joist hangers, trusses, glazing,
lath and plaster, tinning, galvanized
iron, roofing, wire guards, electric
wiring, painting, white washing,
plumbing, gas fitting, sewers, etc., on
above.
Contractor...A. M. Wallen, 1253 Waller,
San Francisco.
Filed Jan. 10, '13. Dated Jan. 10, '13.
2nd story joists in place.....\$1600
Building roofed.....1600
Building floored, plumbing
roughed in and galvanized iron
set.....1600
Completed and accepted.....1575
Usual 35 days.....2125
TOTAL COST, \$5500
Bond, none. Limit, 40 days. Forfeit,
\$10. Plans and specifications filed.

(120) S JESSIE 150 W Mint Ave. Two-
story and basement concrete lofts.
Owner.....Arthur and Ethel Elvin,
3854 23rd, San Francisco.
Architect...Fabre & Bearwald, Me-
tropolis Bank Bldg., S. F.
Contractor...Arthur Elvin, 3854 23rd,
San Francisco.
COST, \$5750

(121) SW BRODERICK & FULTON.
Alter apartments.
Owner.....L. Oesting, 711 Broderick
San Francisco.
Architect...None.
Contractor...F. C. Moore, 595 Fell, S. F.
COST, \$5000

(122) NW SPRING AND SUMMER.
Brick oven.
Owner.....H. Dragon, Premises.
Architect...None.
Contractor...J. P. Glaser & Co., 2070
Union, San Francisco.
COST, \$650

(123) E TINGLEY 197-6 S San Jose
Ave. One-story and basement frame
dwelling.
Owner.....L. Jordan, 325 Bush, S. F.
Architect...None.
Day's work.....COST, \$1000

(124) E TINGLEY 222-6 S San Jose
Ave. One-story and basement frame
dwelling.
Owner.....L. Jordan, 325 Bush, S. F.
Architect...None.
Day's work.....COST, \$1000

(125) E EIGHTEENTH AVE 150 N
Pulton. One and one-half-story and
basement frame dwelling.
Owner.....Mr. Happ, — Cole, S. F.
Architect...P. Schwerdt, 959 Phelan
Bldg., San Francisco.
Contractor...Mr. Lott.
COST, \$2800

(126) W PARKER AVE 151-7 N Geary
Two-story and basement frame flats.
Owner.....Julius Nicolaissen, 713 23rd
Ave., San Francisco.
Architect...None.
Day's work.....COST, \$4000

(127) W WEBSTER 26 S Greenwich S
25xW 85. All work for three-story
and basement frame flats.
Owner.....Giovanni Monteverde, 3005
Webster, San Francisco.
Architect...L. Traverso, 254 Union,
San Francisco.
Contractor...Francesco Rossi.
Filed Jan. 11, '13. Dated Jan. 9, '13.
Enclosed and roof on.....\$1312.50
Brown coated.....1312.50
Completed and accepted.....1312.50
Usual 35 days.....1312.50
TOTAL COST, \$5250.00
Bond, \$2625. Sureties, G. Sagliacomo
and Giovanni Bozzini. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

(128) SE GEARY AND JONES E 28-9x
S 68-9. Structural iron, cast iron,
painting and reinforcement for brick
work and erecting for six-story and
basement Class "C" hotel building.
Owner.....I. Mensor, 2211 California,
San Francisco.
Architect...Albert Schroeffer and H.
J. Brunner, 68 Post, S. F.
Contractor...Central Iron Works, 651
Florida, San Francisco.
Filed Jan. 11, '13. Dated Jan. 10, '13.
Up to 2nd story.....\$1950
Up to 5th story.....1950
Completed and accepted.....1950
Usual 35 days.....1950
TOTAL COST, \$7800
Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(129) NO. 759 LAKEVIEW AVE. Con-
crete, carpentry, plastering and paint-
ing and alterations, etc., for two-story
frame cottage.
Owner.....Thos. H. Grimes.
Architect...None.
Contractor...I. Weinberg, 30 Lakeview
Ave., San Francisco.
Filed Jan. 11, '13. Dated Jan. 11, '13.
Roof on.....\$337.50
Brown coated.....337.50
Finished.....337.50
Usual 35 days.....337.50
TOTAL COST, \$1350.00
Bond, none. Limit, 90 days after Jan.
15, 1913. Forfeit, none. Plans and spec-
ifications filed.

(130) N McALLISTER 100 W Gough
W 44-6xN 137-6. All work for one-
story frame store.
Owner.....Jos. Bisagno, Oakland.
Architect...Wm. H. Crim Jr., 425
Kearny, San Francisco.
Contractor...L. C. Woodridge, 315 28th
Ave., San Francisco.
Filed Jan. 11, '13. Dated Jan. 10, '13.
Ready for roofing.....\$931.75
Plaster completed.....931.75
Completed and accepted.....931.75
Usual 35 days.....931.75
TOTAL COST, \$3727.00
Bond, \$1900. Owner, Maryland Casualty

Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(131) W KEARNY 72-6 N Post N 65x W 107-11. All work except electric work for remodeling and subdividing into lots of 2nd, 3rd and 4th floors of a four-story and basement fireproof building.

Owner.....Ella F. Young.
Architect.....Hermann Barth, 12 Geary, San Francisco.

Contractor.....Robt. Trost, 26th and Howard, San Francisco.

Filed Jan. 11, '13. Dated Jan. 11, '13.
Plaster completed.....\$1600
Marble and terrazzo work done. 1400
Completed and accepted.....1746
Usual 35 days.....1583

TOTAL COST, \$6329

Bond, \$3200. Sureties, Geo. Holl and Chas. A. Gander. Limit, 48 days. Forfeit, \$20. Plans and specifications filed.

(132) W KEARNY 134-11 N Washington S 50-5 N 2 in W 57-6 S 50-2 E 107-11. Grading, concrete and brick work for three-story brick rooming house and stores.

Owner.....Louis Friedman & Samuel Gerson.

Architect.....Joseph Cahen, 45 Kearny, San Francisco.

Contractor.....Mollath Bros. & Knieling.

Filed Jan. 11, '13. Dated Jan. 9, '13.
2nd floor joists set.....\$900
Brick work completed.....900
Completed and accepted.....900
Usual 35 days.....900

TOTAL COST, \$3600

Bond, \$1800. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 days after Jan. 12, '13. Forfeit, \$10. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Jan. 4, 1913—NE HARRISON & 3RD N 85x E 139. George A Clough to J Wenderling.....Jan. 3, 1913
Jan. 4, 1913—W DEVISADERO 100 N Filbert N 37-6xW 30. G K Easton and S F Wagner Easton to R S K MacMillen.....Dec. 31, 1912
Jan. 4, 1913—SE BUSH & GRANT AV S 120 E 68-6 N 60 E 6 N 60 W 69. M Fleishhacker to John G Sutton Co.....Dec. 30, 1912
Jan. 4, 1913—LOTS 186 AND 188 Gift Map No. 2. Karl Eli Haglund to whom it m-y concern.....Jan. 4, 1913
Jan. 6, 1913—NW HOWARD 137-6 NE 13th NE 27-6 NW parallel with 13th 106-04 SE 27-5 SE parallel with 13th 104-104. John Schwormsted to Adolph Henning and Gercke & Fellbach.....Jan. 3, 1913
Jan. 6, 1913—S FELLA PLACE 113-6 E Powell E 24xS 64. Mark Rendle King to whom it may concern.....Jan. 6, 1913
Jan. 6, 1913—E CASTRO 101-6 S Army S 25x E 118. A V Anderson to whom it may concern.....Jan. 4, 1913
Jan. 6, 1913—W FIFTEENTH AVE 225 S Lincoln Way S 100xW 127-6. Sunset Home Realty Co to Cox Bros.....Jan. 4, 1912
Jan. 6, 1913—N OAK 100 E Devisadero 25x94. Giocomo Bacciocco to John Ratto & Bros.....Dec. 30, 1912
Jan. 6, 1913—S TWENTY-SECOND 25 E Hampshire E 25xS 100. Annie Davies to whom it may concern.....Jan. 6, 1913

Jan. 6, 1913—NW MONROE & BUSH N 91-6 W 90 S 91-6 E 80. Edward Beck to Wm S Snook & Sons.....Jan. 2, 1912
Jan. 6, 1913—SE BUSH & MASON E 68xS 84. Howard B Land and Mary L Payne or Mary E Payne, Tra Est Chauncey B Land, dec'd and as Trustees Est Harriet Land, dec'd to L A Hinson.....Dec. 31, 1912
Jan. 7, 1913—OLIVE AVE NO. 633. Clara and Louis Plamondon to Leonard Salomon.....Dec. 20, 1912
Jan. 7, 1913—W FRONT 26-6% N Market — 92-8xW 137-6. A B Spreckels to Pacific Fire Extinguisher Co.....Jan. 7, 1913
Jan. 7, 1913—SE Market 150-14 NE Seventh SE 165-1xNE 75. Boston & S. F. Amusement Co (Lessee) to A G Dish, Dec. 30, '12; Mangrum & Otter, Jan. 4, 1913; Metropolitan Constr Co, Jan. 4, 1913; Mangrum & Otter.....Dec. 31, 1912
Jan. 7, 1913—NW MONROE & BUSH N 91-6xW 80. Edward Beck to Lennig Eng Co.....Jan. 4, 1913
Jan. 7, 1913—S CLAY 60 W Montgomery W 30xS 59-9. Lee Yum, Lee Yeung, Lee Foon and Chan May Choy to J A Hill.....Jan. 4, 1913
Jan. 7, 1913—S WASHINGTON 76-4 E Grant Ave 32-2xS 77-6. H R Whilliar to C D Rankin.....Jan. 6, 1913
Jan. 7, 1913—NE PACIFIC AVE AND Devisadero. George A Pope to J H K e & Co, Dec. 1, 1912; A J Forbes & Son.....Dec. 1, 1912
Jan. 7, 1913—SE CALIFORNIA AND Pierce. D Schroder to whom it may concern.....Jan. 2, 1913
Jan. 7, 1913—E DOLORES 53 S Liberty. Arthur V Weldon to Ludwig B G Koenig.....Dec. 14, 1912
Jan. 7, 1913—NE FIRST & FOLSOM E 87-6xN 61-6. John Campe to Robert Trost.....Jan. 4, 1913
Jan. 7, 1913—NW TWENTY-THIRD Ave and Clement W 30xN 100. J Mora Moss, gdn Est Alfred T Moss (insane) to whom it may concern.....Jan. 4, 1913
Jan. 8, 1913—S BLUXOME 100 W 5th W 80xS 250. Kasper Pischel to Charles Wright.....Jan. 2, 1913
Jan. 8, 1913—N JACKSON 66 E Battery E 71-6xN 91-8. Thomas McDonald to Lindgren Co.....Jan. 8, 1913
Jan. 8, 1913—NE SACRAMENTO AND Webster N 255-4½x275. The Board of Trustees of The Leland Stanford University to W W Anderson & Co.....Jan. 2, 1913
Jan. 8, 1913—E THIRTY-SECOND Ave 125 N California 25x120. Anna M Hanlon to whom it may concern.....Jan. 4, 1913
Jan. 9, 1913—S CALIFORNIA 107-6 W 26th Ave 25x100. M R Colton to R A Crothers.....Jan. 9, 1913
Jan. 9, 1913—NE MONTGOMERY AND Post N 112-6 E 87-6 S 25 W 25 S 82-11 SW 7-10 W 58-11½. Wells Fargo Nevada National Bank to Peerless Agencies Co.....Jan. 4, 1913
Jan. 9, 1913—NE MISSION & FOURTH N 80x E 80. P J Walker Co, agents for The Voorman Co to Dyer Bros Golden West Iron Wks.....Jan. 4, 1913
Jan. 9, 1913—NE GEARY & TAYLOR N 60x E 57-6. Emily W Benedict to Caldwell & Co, Lettich Bros, and H W Moffat & Co.....Jan. 9, 1913
Jan. 9, 1913—W PIERCE 25 S Chestnut S 25xW 110. G Pera to W Philipps.....Jan. 9, 1913
Jan. 9, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E

75 N 25. Greninger Estate Co to Eureka Iron & Wire Wks. Jan. 7, 1913

LIENS FILED.

San Francisco.

Jan. 2, 1913—E COMMONWEALTH Ave 350 N Euclid Ave N 40 m or l x E 120. J N Eynearst vs Antiochete Porter.....\$189
Jan. 3, 1913—S BEACH 68-9 E Larkin E 68-9xS 137-6. F Roladri vs P Arata.....\$2295
Jan. 4, 1913—SE JESSIE AND SW Annie SW 32-6 SE 40 NE 32-6 NW to beg. C Carnevali Marble & Mosaic Co vs Frederick Heas and Williams Bros & Henderson.....\$370
Jan. 8, 1913—W WEBSTER 75 N Sutter N 66-8xW 100. W J MacTavish vs El Dorado Bldg Co, Inc, W C Boswell and Mathilde Propp.....\$300
Jan. 10, 1913—NE MISSISSIPPI AND Mariposa N 100x E 50. George H Tay Co vs Fred Atzeroth, Jacob Witzelburger & D R Campbell.....\$71.21
Jan. 10, 1913—NE SUTTER & GOUGH having frontage 125 on Sutter and 137-6 m or l running back to Palm Ave. No. 1482 Sutter. Sharman Kimball & Co vs Rosalie Roulet and John S King.....\$697.84

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE ALTERATIONS—Frame construction, \$30,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner's name withheld. This work will include the removal of two three-story frame buildings from the present site to the rear of the lot and complete alteration of the same. When complete the new structure will contain 24 apartments of two and three rooms each. There will be connecting baths and wall beds. Steam heat will be installed. A vacuum cleaning system is also specified. The exterior of the building will be covered with cement plaster on metal lath. Plans have been out for figures and a contract will be awarded shortly.

APARTMENT HOUSE AND STORES —3 story and base, frame, \$25,000. Oakland, Cal. Architect, C. N. Cook 14th Bldg., S. F. Owner's name withheld. The building will be erected on a corner lot and has been arranged for eight stores on the first and two for eight stores on the first. These will be arranged in two and three room apartments, all of which will have connecting baths and portal wall beds. A sleeping porch will be a feature of all apartments. Interior trim will be of pine and rewood. There will be steam heat. Baths will be finished in tile and will have cement floors. The exterior of the building will be covered with cement plaster. Patent store fronts are specified in all stores. Plans are complete and will be out for figures shortly.

APARTMENT HOUSE ALTERATIONS—Frame construction, \$25,000. Oakland, Cal. Architect, Chas S. Groves, 2311 Telegraph Ave., Berkeley. Owner, Mr. McLean. The present building, which is 32x70 feet, will be altered so as to contain a number of two and three room suites with bath. T. C.

will be complete new interior trim, new plumbing, plastering and electric work. Open fire places will be used with brick mantels. The exterior of the building will be covered with rustic stone and being prepared.

FABRIC FACTORY—29 buildings of brick and corrugated iron. Cost not stated. The Engine, Alameda Co., Cal. Electric, Engineering Dept., Coast Manufacturing and Supply Co., Eureka, Vice-President and General Manager A. H. Merritt states that building operations will be begun on these four works here about March 1, and that the plant will be running full blast by midsummer. There will be 29 buildings erected on their recently purchased property, and the total floor space in them will be between four and five acres. Most of these buildings will be small, but others will be 250 feet long. They will be built of corrugated iron, with hollow tile brick for fire walls. In addition to the factory buildings and an office building, there will be residences erected for General Manager Merritt, Assistant Manager T. W. Morris, Traveling Expert G. H. Todd and Superintendent A. S. Cole. There will also be bunkhouses for 20 Chinese workmen.

RESIDENCE—2 story and base, frame, \$1,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, E. A. Janssen, Hearst Bldg., S. F. The house has been designed for an eight-room dwelling with bath, sleeping porch and laundry. Interior finish will be of pine with hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$6,500. Oakland, Cal. Architect, L. W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owner, Mrs. R. W. Baum. The house will contain in the neighborhood of nine rooms, baths, sleeping porches and laundry. Interior finish will be of pine, redwood and some hardwood. Floors will be of oak in all principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the baths and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BUNGALOW—1½ story and base, frame, \$3,400. Oakland, Cal. Architect, none. Owners, Junk-Riddell Co., 2447 Telegraph Ave., Berkeley. The house has been designed for a seven-room dwelling with bath, sleeping porch and laundry. Interior trim will be of pine, redwood and hardwoods. Oak floors will be used in three rooms. There will be furnace heat and open fire places. Mantels will be of brick. The exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architect, W. H. Jackson, Albany Bldg., Oakland. Owner, E. Oppenheim. The house will contain seven rooms and bath. Interior finish will be of

pine and redwood with oak floors in the living and dining rooms. There will be open fire places and brick mantels. Tile will be used in the bath room and kitchen. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,800. Berkeley, Alameda Co., Cal. Architect, none. Owner, W. S. Montgomery. The house has been designed for a seven-room dwelling with bath and laundry. Interior finish will be of pine and redwood. Floors will be of oak in all principal rooms. There will be open fire places with tile or brick mantels. Tile will also be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by day labor.

BUNGALOW—1 story and base, frame and concrete, \$12,000. Piedmont, Alameda Co., Cal. Architect, A. Leo Ellis, Shreve Bldg., S. F. Owner's name withheld. Preliminary plans only have been prepared for this work and details of construction cannot be given at this time. The house will be handsomely finished in hardwoods. There will be a central heating system and open fire places. Besides the usual living rooms there will be several baths and sleeping porches. The exterior will probably be covered with cement plaster. Complete details will be given when plans are ready for figures.

BUNGALOWS—21, 1 story and base, frame, \$1,200 each. Fruitvale, Alameda Co., Cal. Architect, C. N. Cook, Rialto Bldg., S. F. Owners, Powell Bros., Harrison Ave. and Pearl St., Alameda. These cottages will contain from four to five rooms each. All interior finish will be of pine or redwood. There will be open fire places in the living rooms with tile or brick mantels. Exteriors will be covered with shingles, rustic and shiplap. Plans are being prepared and when complete the work will be done by Day Labor.

APARTMENT HOUSE—2 story and base, frame, \$10,000. Oakland, Cal. Architect, M. L. Newsom, 812 Broadway, Oakland. Owner, Al Wood. The building is to be erected at the corner of 29th and Grove streets, and has been arranged for two stores on the first floor and four suites of three rooms each on the second floor. Steam heat and wall beds will be installed. All apartments will have connecting bath rooms. Interior finish will be of pine with some hardwood floors. The exterior of the building will be covered with cement plaster on metal lath. Plans for this work are being prepared.

FLATS—3 story and base, frame. Cost not stated. Oakland, Cal. Architect, none. Owner, Delore Roberts, Sheldon Bldg., S. F. The owner has completed the working drawings for a three-story modern flat building, and is now taking figures for the plastering, plumbing, painting and electric work. The balance of the contract will be carried on by Day Labor. Mr. Roberts is president of the Roberts Bros. Construction Co.

CLUB HOUSE—2 story and base, frame, \$20,000. Berkeley, Alameda Co., Cal. Architects, Parker & Kenyon, 244 Kearny St., S. F. Owners, Twentieth Century Club. The building will be

erected at the corner of Derby and College avenue, and will contain besides the large assembly room, a library, banquet room, social hall and a number of small rooms. Interior will be finished in pine, redwood and hardwoods. Oak floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of brick. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOTEL—7 story and base, brick and steel, \$70,000. Oakland, Cal. Engineer, W. W. Breite, Clunie Bldg., S. F. Owners, Durst Bros., Oakland. The owners are now sub-letting all contracts. The steel work has been awarded to F. A. Muller, 1601 Telegraph avenue, Oakland, at \$13,500. Figures are being taken for the brick, concrete, plastering, plumbing, electric work, heating, carpentry and mill work, marble, tile and terrazzo and elevators. The building will be 60x100 feet and will contain 90 rooms and 42 baths.

RESIDENCE—2 story and base, frame, \$6,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, R. W. Krobitzsch. The house will be erected in Grand Avenue Heights, and will contain in the neighborhood of eight rooms, baths and sleeping porch. Interior finish will be of pine, redwood and hardwood. There will be furnace heat and open fire places with brick and tile mantels. Floors in the principal rooms will be of hardwood. Tile will be used in the baths and kitchen. There will be an automatic water heater. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STORES AND OFFICES—12 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, D. Franklin Oliver. The building will be erected at the corner of 14th and Franklin streets, the site of the present Maple Hall, which will be moved to another part of the lot. Preliminary plans have been prepared, but no details of the construction can be given at this time. The building will be fireproof.

STORES—1 story and base. Class C construction. Cost not stated. Alameda, Alameda Co., Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owner, Mrs. C. S. Neal. The building will be erected on Park street near Central avenue, and will be arranged for several small stores. Interiors will be finished in pine and redwood. There will be a cement floor and patent store fronts. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures have been taken. A contract will be awarded within a few days.

Contracts Awarded.

HOTEL—2 story and base, frame, \$45,000. Oakland, Cal. Architect, Herbert Maggs, 125 Alpine St., S. F. Owner, James B. Coryell. Contractor, Charles Gompertz. Contract price, \$15,000.

SCHOOL—1 story and base, frame. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Secorly Bldg., Oakland. Owners, City of Oakland. Contractor, C. Christensen, Oakland. Contract price, \$5,194. For a complete list

of the figures submitted for this work see under Oakland and Alameda County in this issue.

BIDS FOR TENTH AVENUE SCHOOL

The following bids were opened at the Monday evening session of the Oakland Board of Education for the construction of the Tenth Avenue School. Plans for the work were prepared by Supervising Architect J. J. Donovan, Security Bldg., Oakland:

Tenth Avenue School.

Geo. C. Nall.....	\$5750
W. G. Thornally Jr.....	5500
Carnahan & Mulford.....	5549
Schnebly, Hostrawser & Ped-	
grift.....	5594
C. Christensen.....	5494
C E Nichols.....	5550

TIMBER IN THE TROPICS.

One thing which the prophets of worldwide timber famine forget is the supply of tropical timber in a hundred jungles, waiting the demand of the white man. Until recently the coarser, commoner uses of tropical timber were hardly known outside the tropics. Mahogany, ebony, teak and rosewood were brought to northern cities for use in cabinet work, but the same ships which brought these tropical woods carried back pine for use in rough structural work in the tropics.

Of late the subtropical woods, cypress and eucalyptus have come to the front for all sorts of uses. Now "greenheart," an equatorial wood very common in Brazil and British Guiana, has been chosen for the locks of the Panama canal.

Investigators keep reporting that this or that tropical wood is really well fitted for ordinary use and can be had at a moderate price by the use of modern lumbering methods. Twenty years in the tropics will grow a forest larger than can be produced in a century in the north.

With the full utilization of the hot lands of earth the timber famine will be indefinitely postponed. — Chicago Journal.

Building Contracts Awarded.

Oakland.

45 Coit	Coit	2500
46 Hewitt	Grewner	3900
47 Same	Same	4350
48 Same	Same	4250
49 Same	Same	3850
50 Same	Same	3850
51 Same	Same	3850
52 Same	Same	3650
53 Coryell	Gompertz	25312
54 Abbott	Miller	400
55 McHenry	Button	700
56 Durst	Muller	13590
57 Junk	Riddell	3400
58 Lundquist	Owner	1500
59 Ext Bldg. Co.	Nap Sant	4500
60 Root	Myers	9775
65 Pierson	Pierson	1500
67 Kahn	Auto Spktr	17685
71 Steinberg	McDonald	1900
72 Bezo	St. Mary	578
76 Peppin	Peppin	1500
77 Cornwall	Stone	900
78 Bell	Stewart	2400
79 Clayton	Begler	1600
80 Sydes	Sydes	2400
81 Roberts	Roberts	3000
82 Whitney	Whitney	2500
83 Logan	Johnston	2000
84 Allee	Allen	2900
85 Malley	Malley	5000
86 Same	Same	5000
87 Fleitner	Peterson	1700
88 Johnson	Duval	500
89 Y M I.	McInnis	400

90 Oppenheim	Inter-Cities	3550
91 Howard	Converse	4080
92 Mitrovich	Olson	1900
93 Wood	Stanley	2000
94 Hurlbut	Holland	1200
95 Coit	Coit	2500
96 Marquis	Marquis	1100
97 Same	Same	1100
98 Wood	Stanley	2000
99 Same	Same	2000
100 Alltucker	Tufts	2241
103 Lelz	Brigham	6500
104 Boltz	Vauzandt	700
105 Valerage	Cook	600
106 Oakland	Williams	78912

(45) E BROADWAY 70 N Maulla, Oak-	
land. One-story 5-room dwelling.	
Owner.....C. B. Coit, 1522 Broadway,	
Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...R. Coit, 1522 Broadway,	
Oakland.	

COST, \$2500

(46) N SIXTIETH 360 W Colby, Oak-	
land. One-story 6-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, Bacon	
Bldg., Oakland.	

COST, \$3900

(47) N SIXTIETH 320 W Colby, Oak-	
land. One-story 6-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, Bacon	
Bldg., Oakland.	

COST, \$4350

(48) N SIXTIETH 280 W Colby, Oak-	
land. One-story 6-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, Bacon	
Bldg., Oakland.	

COST, \$4250

(49) N SIXTIETH 245 W Colby, Oak-	
land. One-story 6-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, Bacon	
Bldg., Oakland.	

COST, \$3850

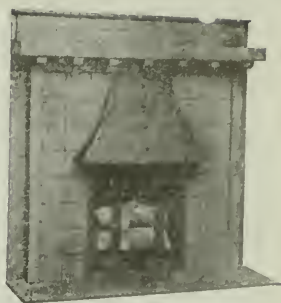
(50) N SIXTIETH 165 W Colby, Oak-	
land. One-story 5-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, Bacon	
Bldg., Oakland.	

COST, \$3650

(51) N SIXTIETH 130 W Colby, Oak-	
land. One-story 6-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	
Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, Bacon	
Bldg., Oakland.	

COST, \$3350

(52) N SIXTIETH 130 W Colby, Oak-	
land. One-story 6-room dwelling.	
Owner.....R. S. Hewitt, 22 Bacon	
Bldg., Oakland.	



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager

Mantels, Grates and Tiles. Fire Sets, Andirons
Portable Baskets and Grates, Floor and
Wall Tiling in Original Designs.
1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone Oakland 8622

Architect...A. J. Mazurette, 15th and	
Broadway, Oakland.	
Contractor...W. M. Grewner, 22 Bacon	
Bldg., Oakland.	

COST, \$3650

(53) NE SIXTEENTH AND WOOD 50	
x115, Oakland. Excavations, founda-	
tions, lumber, mill work, plumbing,	
plastering, painting, glazing, wiring,	
marble and mosaic, tinning and gal-	
vanized iron, sewers, roofing, side-	
walks and curbs for two-story frame	
hotel.	

Owner.....Joseph B. Coryell, Crocker
Bldg., San Francisco.

Architect...Herbert B. Maggs, 125 Alpi-

ne, San Francisco.

Contractor...Charles W. Gompertz, 503

Market, San Francisco.

Filed Jan. 6, '13. Dated Jan. 2, '13.

2nd story joists set..... 1/4

Roof on 3/4

Completed 1/4

Usual 35 days..... 1/4

TOTAL COST, \$25,312

Bond, none. Limit, 100 days after 10th
of Jan. Forfeited, none. Plans and
specifications filed.

(54) NO. 3908 BROOKDALE AVE.,	
Oakland. Addition.	
Owner.....Mrs. A. M. Abbott, Prem.	
Architect...None.	
Contractor...H. Miller, 3825 Allendale	
Ave., Oakland.	

COST, \$100

(55) NO. 1756 BROADWAY, Oakland.	
Alterations.	
Owner.....McHenry & Kaiser, Prem.	
Architect...None.	

Contractor...J. W. Button, 5930 Tele-

graph Ave., Oakland.

COST, \$700

(56) NE TENTH AND CLAY, Oak-	
land. Steel work for seven-story	
hotel.	
Owner.....Durst Bros.	
Architect...W. W. Breite, Chubb	
Bldg., San Francisco	

Contractor...F. A. Muller, 663 41st, Oak

COST, \$12,500

(62) E HOTEL CLAREMONT TRACT
Co S Eucalyptus Path, Oakland. One
and one-half-story 7-room dwlg.
Owner.....Junk-Riddell Co., 2247
Telegraph Ave., Berkeley.
Architect...None.
Day's work.....COST, \$2400

(63) NW SIXTY-NINTH AVE 500 N
Flora, Oakland. One-story 5-room
dwelling.
Owner.....A. G. E. Lindquist, 1661
69th Ave., Oakland.
Architect...None.
Day's work.....COST, \$1500

(64) N MANIPANA BLVD, 515 W
Paloma Ave., Oakland. Two-story 7-
room dwelling.
Owner.....Extenslon Bldg. Co., Oak-
land Bank of Savings.
Architect...Hutchinson Bros., 470 13th
Oakland.
Contractor..R. H. Van Sant, 1st National
Bank Bldg., Okd.
COST, \$4500

(65) N TWENTIETH 100 W Broad-
way, Oakland. Two-story brick
garage.
Owner.....Abbie J. Root, 1641 Broad-
way, Oakland.
Architect...Leo J. Nichols, Macdon-
ough Bldg., Oakland.
Contractor..Myers & White, 1641
Broadway, Oakland.
COST, \$9775

(66) W FORTY-FIRST AVE 105 N E-
16th, Oakland. One-story 5-room
dwelling.
Owner.....F. H. Pierson.
Architect...None.
Day's work.....COST, \$1500

(67) SIXTEENTH, TELEGRAPH AVE
and San Pablo Ave, Oakland. Auto-
matic sprinkler system for four-story
Class "A" department store.
Owner.....Kahn Realty Co, 12th and
Washington, Oakland.
Architect...C. W. Dickey, Central Bk.
Bldg., Oakland.
Contractor..Automatic Sprinkler Co. of
America, Merchants' Ex-
change Bldg., S. F.
Filed Jan. 7, '13. Dated Nov. 8, '12.
On 1st and 15th of each month 75%
Usual 35 days.....25%
TOTAL COST, \$17,685
Bond, \$8843. Surety, U. S. Fidelity &
Guaranty Co. Limit, as soon as possi-
ble. Forfeit, none. Plans and speci-
fications filed.

(71) NW NINTH AND BROADWAY,
Oakland. Alterations and additions.
Owner.....Steinberg (Lessee),
Premises.
Architect...None.
Contractor..Alex McDonald, 2329 Sal-
inger Ave., Oakland.
COST, \$1000

(72) COR. DOUGLAS AND BRUSH,
Lot 42 Monarch Tract, Oakland. Cer-
tain work on building.
Owner.....P. Rego, — Jones Ave., Okd
Architect...None.
Contractor..Joe St. Mary, 2203 92nd
Ave., Oakland.
Filed Jan. 8, '13. Dated June 25, '12.
\$250 down and \$20 a month from
date of contract with 7% interest
on deferred payments.....
TOTAL COST, \$578
Bond, none. Limit, as soon as possible.

Forfeit, none. Plans and specifications
none.

(76) S 109TH AVE 175 E Bancroft
Ave., Oakland. One-story 6-room
dwelling.
Owner.....J. B. Peppin Jr., San Le-
andro.
Architect...None.
Contractor..J. B. Peppin.
COST, \$1500

(77) NO. 970 FIFTY-NINTH, Oakland
Alterations and repairs.
Owner.....John Cornwall, Premises.
Architect...None.
Contractor..E. P. Stone, 1212 Carrison,
Berkeley.
COST, \$900

(78) N APGAR 335 W Market, Oak-
land. One-story 5-room cottage.
Owner.....G. R. Bell, 4232 25th, S. F.
Architect...None.
Contractor..B. A. Stewart, 615 41st,
Oakland.
COST, \$2400

(79) NE NINETY-SIXTH AVE AND
Plymouth, Oakland. One-story four-
room dwelling.
Owner.....Bertha J. Clayton.
Architect...None.
Contractor..Mallick & Begier, 2000 90th
Ave., Oakland.
COST, \$1600

(80) E ROSEDALE AVE 160 S Santa
Rita, Oakland. One-story five-room
dwelling.
Owner.....P. K. Sydes, 1951 42nd Ave.,
Oakland.
Architect...None.
Day's work.....COST, \$2400

(81) S FIFTY-NINTH 100 W Canning,
Oakland. Two-story 8-room flats.
Owner.....Delore Roberts, 465 59th,
Oakland and 224 Sheldon
Bldg., San Francisco.
Architect...None.
Contractor..Roberts Bros. Co., Inc., 465
59th, Oakland.
COST, \$3000

(82) E CHICAGO AVE 40 S Cleveland
Oakland. One and one-half-story 6-
room dwelling.
Owner.....H. A. Whitney, 223-4 First
National Bank Bldg., Okd.
Architect...None.
Day's work.....COST, \$2500

(83) S FIFTY-SECOND 152 E Grove,
Oakland. One-story 5-room dwelling
Owner.....W. B. Logan, 9th and
Broadway, Oakland.
Architect...None.
Contractor..J. C. Johnston, 2329 Sal-
inger Ave., Oakland.
COST, \$2000

(84) S FIFTY-SECOND 220 W West,
Oakland. Two-story 6-room dwlg.
Owner.....M. Allen, 829 52nd, Okd.
Architect...None.
Day's work.....COST, \$2900

(85) S FAIRBANKS AVE 200 E
Walker Ave., Oakland. Two-story 7-
room dwelling.
Owner.....F. T. Malley, 3001 Grove,
Oakland.
Architect...None.
Contractor..H. Malley, 3001 Grove,
Oakland.
COST, \$5000

(86) S FAIRBANKS AVE 300 E

Walker Ave., Oakland. Two-story 7
room dwelling.
Owner.....F. T. Malley, 3001 Grove,
Oakland.
Architect...None.
Contractor..H. Malley, 3001 Grove,
Oakland.
COST, \$5000

(87) SE FRUITVALE AND ELWOOD
Aves., Oakland. One-story 5-room
dwelling.
Owner.....H. A. Pleitner, 954 Fruit-
vale Ave., Oakland.
Architect...None.
Contractor..A. L. Ferguson, 3268 Pren-
tiss, Oakland.
COST, \$1700

(88) NO. 306 LEE, Oakland. Add to
garage.
Owner.....Roosevelt Johnson, 306
Lee, Oakland.
Architect...None.
Contractor..Oliver Duval & Son, 502
1st National Bank Bldg.,
Oakland.
COST, \$500

(89) NO. 263 TWELFTH, Oakland.
Alterations.
Owner.....Young Mens' Institute, 263
Twelfth, Oakland.
Architect...None.
Contractor..Harrington McInnis Co.,
676 63rd, Oakland.
COST, \$400

(90) COR. BOULEVARD WAY AND
Gerard Ave., being Lot 10 Blk "A"
Map Grand Ave Heights by the Parks,
Piedmont. All work for one-story
frame dwelling.

Owner.....E. and May Oppenheim,
Oakland.
Architect...None.
Contractor..Inter-Cities Home Build-
ers, Bacon Bldg., Oakland.
Filed Jan. 9, '13. Dated Jan. 3, '13.
1st floor on.....\$550
Up, boarded in, rough plumbing
and wiring done.....750
Plaster completed.....750
1st coat paint on, plumbing done,
and doors hung.....750
Completed and satisfactory evi-
dence no liens exist or usual 35
days.....750
TOTAL COST, \$3550
Bond, none. Limit, 75 days. Forfeit,
\$5. Plans and specifications filed.

(91) LOT 16 BIK "D" Map Piedmont
Knoll, Oakland. All work for two-
story and basement 7-room frame
dwelling.
Owner.....Mrs. Susie E. Howard,
Oakland.
Architet...None.
Contractor..Wm. M. Converse, 568 62nd
Oakland.

Filed Jan. 9, '13. Dated Jan. 6, '13.
Frame up.....\$730
1-st coat plaster on.....730
Completed.....730
Usual 35 days.....730
Rough lumber.....470
Mill work.....450
Sash and doors.....240
\$1160

to be paid by owner to furnishers
TOTAL COST, \$4080
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(92) E GROVE 69.5 N 38th N 29½ E
97, Oakland. All work for one-story
frame store building.
Owner.....John Mitrovich, 472 9th,

Oakland.

Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...Alfred Olson, 1116 Myrtle, Oakland.

Filed Jan. 9, '13. Dated Jan. 8, '13.
Frame up ¼
Enclosed and 1st coat plaster on ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$1900

Bond, none. Limit, Mar. 1, '13. Forfeit, \$1 Plans and specifications filed.

(93) N MILLS 180 E Seminary Ave., Oakland. One-story 5-room dwlg.
Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.
Architect...None.
Contractor...E. E. Stanley.

COST, \$2000

(94) S "B" 390 E Jones (98th) Ave., Oakland. One-story 4-room dwlg.
Owner.....A. Hurlbut, 541 E-16th, Oakland.
Architect...None.

Contractor...Hurlbut & Holland, 541 E-16th, Oakland.

COST, \$1200

(95) E BROADWAY 100 N Manila Ave., Oakland. One-story 5-room dwlg.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect...None.

Contractor...Roger Coit, 1522 Broadway Oakland.

COST, \$2500

(96) S SANTA RITA AVE 80 E 42nd Ave., Oakland. One-story five-room dwelling.

Owner.....E. M. Marquis, 2827 Russell Berkeley.

Architect...None.
Day's work. COST, \$1100

(97) S SANTA RITA AVE 80 E 42nd Ave., Oakland. One-story five-room dwelling.

Owner.....E. M. Marquis, 2827 Russell Berkeley.

Architect...None.
Day's work. COST, \$1100

(98) N MILLS 210 E Seminary Ave., Oakland. One-story five-room dwlg.
Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.

Architect...None.
Contractor...E. E. Stanley.

COST, \$2000

(99) N MILLS 240 E Seminary Ave., Oakland. One-story five-room dwlg.
Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.

Architect...None.
Contractor...E. E. Stanley.

COST, \$2000

(101) N PAGODA AVE 581 E College Ave., Oakland. All work for one-story 6-room bungalow.

Owner.....Mrs. Susan C. Alltucker.
Architect...None.
Contractor...Geo. K. Tufts, 2746 Hille-gass Ave., Oakland.

Siled Jan. 11, '13. Dated Jan. 10, '13.
Foundation in lumber on ground ¼
Frame up and plastered..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$2344

Bond, none. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

(103) W WEBSTER 50 N Fourth, Oakland. Two-story brick building.
Owner.....Geo. W. Leisz, 425 Van Dyke Ave., Oakland.

Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...H. B. Brigham, 269 Bacon Block, Oakland.

COST, \$6500

(104) NO. 3650 PENNIMAN AVE., Oakland. Alter and add.
Owner.....Mrs. Ella A. Boltz, Prem.
Architect...None.

Contractor...Robert Vauzandt, 2828 Viola, Oakland.

COST, \$700

(105) NO. 621 THIRTY-EIGHTH, Oakland. Alterations and additions.
Owner.....Helen A. Valerga, Premises
Architect...None.

Contractor...E. P. Cook, 1538 Hopkins, Oakland.

COST, \$600

(106) S FORTY-FIFTH 456 W Broadway. One-story reinforced concrete school building.

Owner.....City of Oakland.
Architect...John J. Donovan, Security Bank Bldg., Oakland.

Contractor...Williams Bros. & Henderson, Monadnock Bldg., S. F.

COST, \$78,912

Building Contracts Awarded.

Berkeley.

57 Peterson Peterson 500
58 Holm Holm 1000
73 Berkeley Owner 499
74 Montgomery Owner 3300
75 Broderick Peake 2000
100 Carver Peake 3000
102 Haviland Reynolds 1000

(57) SE MATHEWS AND CARLTON, Berkeley. Three-room residence.

Owner.....Andrew Peterson, 1032 Carlton, Berkeley.

Architect...None.
Day's work. COST, \$500

(58) S GRAYSON 135 W San Pablo Ave., Berkeley. Four-room cottage.
Owner.....Miss Marie Holm, 1034 Grayson, Berkeley.

Architect...None.
Day's work. COST, \$1000

(73) E PARK 30 N Grove, Berkeley. Public comfort station.

Owner.....City of Berkeley, City Hall.
Architect...Building Department, City Hall, Berkeley.

Day's work. COST, \$499

(74) N YOLO 200 E Grove, Berkeley. Seven-room dwelling.

Owner.....W. S. Montgomery, 2321 Ward, Berkeley.

Architect...None.
Day's work. COST, \$3800

(75) N SONOMA 80 W Colusa, Berkeley. Five-room dwelling.

Owner.....W. L. Brodrick, 1544 Bonita Ave., Berkeley.

Architect...None.
Contractor...Peake-Munro Co., 2035 Shattuck Ave., Berkeley.

COST, \$2000

NOTE:—Ready for plaster.

(100) LOT 16 BLK 4 Kellogg Tract, Berkeley. All work for one and one-half-story 6-room frame dwelling.
Owner.....Mrs. Eugenie L. Carver, Berkeley.

Architect...None.
Contractor...Peake-Munro Co., 2035 Shattuck Ave., Berkeley.

Filed Jan. 10, '13. Dated Jan. 3, '13.
Frame up ¼
1st coat plaster on ¼
Completed and accepted..... ¼
Usual 35 days..... ¼

TOTAL COST, \$2000

Bond, none. Limit, 75 days. Forfeit, \$1. Plans and specifications filed.

(102) S OXFORD 89 E Marla Ave., Berkeley. Garage.

Owner.....P. A. Haviland, 597 32nd, Oakland.

Architect...Wm. Reid, 2930 Otis, Bkly.
Contractor...A. S. Reynolds, 543 8th, Oakland.

COST, \$1000

Building Contracts Awarded.

Alameda.

59 Hillen Hillen 2000
60 Dunleavy Fish 2000
61 Hillen Hillen 2000
68 Randell Stuart 2300
69 Strang Strang 2000
70 Connor Delaney 3500

(59) NO. 1516 STANTON, Alameda. One-story dwelling.

Owner.....R. C. Hillen, 1500 Fernside Blvd., Alameda.

Designer...W. W. Landgrebe, 1500 Fernside Blvd., Alameda.
Day's work. COST, \$2000

(60) NO. 3006 SAN JOSE AVE, Alameda. One-story dwelling.

Owner.....F. T. Dunleavy, 3000 San Jose Ave., Alameda.

Designer...M. H. Fish, 1528 Court, Alameda.
Day's work. COST, \$2000

(61) NO. 1520 STANTON, Alameda. One-story dwelling.

Owner.....R. C. Hillen, 1500 Fernside Blvd., Alameda.

Designer...W. W. Landgrebe, 1500 Fernside Blvd., Alameda.
Day's work. COST, \$2000

(68) NO. 1341 PALM, Alameda. One-story dwelling.

Owner.....J. B. Randell, 251 Kearny, San Francisco.

Architect...J. B. Randell.
Contractor...R. B. Stuart, — MacGee, Berkeley.

COST, \$2300

(69) NO. 1352 BURBANK, Alameda. One-story dwelling.

Owner.....V. N. Strang, 2015 13th Ave, Oakland.

Designer...V. N. Strang.
Day's work. COST, \$2000

(70) NO. 2009 CENTRAL AVE., Alameda. Alter dwelling.

Owner.....S. B. Connor, Premises.
Architect...Plans by owner.
Contractor...Delaney & Randlett, 2303 Central Ave., Alameda.

COST, \$3500

COMPLETION NOTICES.

Alameda.

Jan. 2, 1913—W VICKSBURG 125 N 51st Ave N 61.43 W 130 S 19.30 E to beg. Oakland. Robert Y and Loraine K Boronda to whom it may concern.....Dec. 31, 1912

Jan. 3, 1913—LOT 74 Dowling Tract being No. 1748 81st Ave., Oakland. Katherine McLaughlin to Jos Plittner.....Dec. 12, 1912

Jan. 3, 1913—LOT 144 and NW 5 ft. Lot 140 Map Ppty of R Corder, Jr, Brooklyn Tp. Theodor Schmitz to William Bertsch.....Dec. 21, 1912

Jan. 4, 1913—S YOLO AVE 100.30 E Grove E 40xS 120, Bkly. E I and Mary Krocsa to whom it may concern.....Jan. 2, 1913

Jan. 4, 1913—LOT 14 BLK 3 May 4th Ave Terrace, Okd. W E McChesney to whom it may concern.....Jan. 2, 1913

Jan. 6, 1913—LOT 7 BLK 30 Map Havenscourt, Oakland. Piedmont Heights Bldg Co to J V Matteson.....Dec. 30, 1912

Jan. 6, 1913—E BURBANK 139 S Central Ave S 39x E 110, Ala F N Strang to F N Strang.....Jan. 8, 1913

Jan. 6, 1913—LOT 7 BLK 6 East Piedmont Heights Extension, Okd. F W Winsor to A F Eliel.....Dec. 27, '12

Jan. 6, 1913—LOT "D" BLK 17 Map No. 2, Claremont, Bkly. Duncan McDuffie to Walter Soranson.....Jan. 2, 1913

Jan. 7, 1913—LOTS 8 AND 9 BLK 3 Berkeley Square, Bkly. Alfred S Kay to Patrick-Nelson Bldg Co.....Jan. 3, 1913

Jan. 7, 1913—LOT 10 BLK 2, Berkeley Square, Bkly. Wm Steinbach to Chas L Trow.....Dec. 18, 1912

Jan. 7, 1913—LOT 14 BLK 25, Fairmont Park, Bkly. Patrick-Nelson Bldg Co to Patrick-Nelson Bldg Co.....Jan. 6, 1913

Jan. 8, 1913—N E-FIFTEENTH 170 W Fruitvale Ave., Okd. Ottilia L Gilliland to R B Litton.....Jan. 7, 1913

Jan. 8, 1913—E RHODA AVE 550 S Madeline S 50x E 125, Okd. George Stackhouse to W H Bertsch.....Jan. 6, 1913

Jan. 8, 1913—PTN LOT 32 BLK 16 Map Boulevard Park, Brooklyn Tp., Okd. Claude Scheelk to whom it may concern.....Jan. 6, 1913

Jan. 8, 1913—W TENTH 136 1/2 S Cedar 30x130, Bkly. Carl Ericsson to whom it may concern.....Jan. 8, 1913

Jan. 8, 1913—ADDISON NO 2034, Bkly Wells Fargo Express Co to J W Johnson.....Dec. 18, 1912

Jan. 8, 1913—DANA NO. 2642, Bkly. Mrs Annie E Stover to Sullivan Bros.....Jan. 7, 1913

LIENS FILED

Alameda.

Jan. 4, 1913—E FAIRMONT AVE 70 S Bayo Vista, Okd. N O Nelson Mfg Co vs W H Miller.....\$83.31

Jan. 4, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. The California Door Co, \$306.60; Hogan Lumber Co, \$480.02 vs M F Mortensen and Sigfrid A Miller.....

Jan. 8, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. Herbert Hausen vs M F Mortensen & Sigfrid A & Hilma E Miller.....\$102.50

Jan. 9, 1913—NW TAFT AVE AND Broadway W along Taft Ave 37.26 N 66 E 122.85 S 108.09, Okd. A K Goodmundson vs Andrew Mattison and N A Truebeck.....\$96

Jan. 11, 1913—LOT 19 BLK 6 Map Boulevard Park, Brooklyn Tp, Okd. Hogan Lumber Co vs H D Graves and Mary A Richardson.....\$738.08

Jan. 11, 1913—S ELMWOOD AVE 45 W Linden Ave Ptn Lot 12 Blk "D" Elwood Park, Bkly. Contra Costa Bldg Material Co vs The Edward Barry Co.....\$155.66

Jan. 11, 1913—LOT 4 BLK "F" Map Northbrae Terrace, Bkly. Sunset Lumber Co vs F L Clark and Wm M Converse.....\$645.90

Jan. 11, 1913—SW ELMWOOD AVE and Linden Ave Ptn Lot 13 Blk "D" Elwood Park, Bkly. Contra Costa Bldg Material Co vs The Edward Barry Co.....\$158.33

SAN JOSE AND THE SANTA CLARA VALLEY.

Building Contracts.

SANTA CLARA COUNTY.

NO. 1124 S-SECOND, San Jose. New roof and repair residence. Owner.....W. H. Rogers, Premises. Architect.....None. Contractor.....W. J. Moor, 239 Orchard, San Jose. COST, \$1000

NO. 847 WHITTEN AVE, San Jose. Re-model residence and build tank frame. Owner.....John White, Premises. Architect.....None. Day's work.....COST, \$450

E FOURTEENTH, 5th Lot N of Washington, San Jose. Five-room cottage. Owner.....E. E. Weldon, 78 Marshall Ave., San Jose. Architect.....None. Day's work.....COST, \$2000

NO. 651 S-ORCHARD, San Jose. Two-room cottage. Owner.....R. Pera, Premises. Architect.....None. Day's work.....COST, \$400

NOTICE OF NON-RESPONSIBILITY. Jan. 7, 1913—S BROAD 100 W Plymouth Ave W 60xS 125. Homestead Realty Co as to improvements on leased property.....

Building Contracts.

SAN MATEO COUNTY.

LOTS 3 AND 4 BLK 25 SUBDVN NO. 1, Crocker Tract, San Mateo. All work for four-room cottage. Owner.....Edson Harry Prentice, Daly City. Architect.....None. Contractor.....David Houle, 660 Market, San Francisco.

Filed Dec. 30, '12. Dated Dec. 19, '12. Frame up.....\$450 Brown coated.....450 Completed and accepted.....450 Usual 35 days.....450 TOTAL COST, \$1800 Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

EL CERRITO PARK, Lot bounded by Noblar and El Cerrito avenues and

properties of N. M. Tobin, The Bowie Estate Co. and the El Cerrito Land Co., San Mateo. All work except portion of veranda for frame addition of one story to club house.

Owner.....San Mateo Polo Club of Hillsborough.

Architect.....Howard & White, Lick Bldg., San Francisco.

Contractor.....Cavanagh Bros., San Mateo Filed Jan. 3, '13. Dated Jan. 2, '13.

Frame up.....\$1443 Brown coated.....1443 Completed and accepted.....1443 Usual 35 days.....1443

TOTAL COST, \$5772

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

CROSSWAY ROAD, Burlingame, San Mateo Co. All work for one-story frame building.

Owner.....Paul Sontag.

Architect.....Chas. Scanlan, Burlingame Contractor.....Chas. Scanlan.

Filed Dec. 28, '12. Dated Oct. 1, '12. Frame up.....\$600.00 Plastered and 1st coat painting on exterior.....600.00 Completed and accepted.....577.50 Usual 35 days.....592.50

TOTAL COST, \$2370.00

Bond, limit, forfeit, none. Specifications only filed.

WOODSIDE — on Lot deeded to owner June 12, 1912, by Eva D. Clamer et al.

All work for one-story and attic frame residence and 1-story garage.

Owner.....Elsie A. Drexler, Call Bldg San Francisco.

Architect.....Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor.....F. H. Boring.

Filed Jan. 4, '13. Dated Jan. 2, '13. On 5th of each month as work progresses.....75% Usual 35 days.....25%

TOTAL COST, \$16,460

Bond, \$8230. Surety, American Surety Co. Limit, 110 days. Forfeit, none.

Plans and specifications filed.

Completion Notices.

SAN MATEO COUNTY.

RECORDED ACCEPTED

Dec. 30, 1912—CROSSWAY ROAD Lot 6 Blk 12 Map 2, Burlingame. Paul Sontag to whom it may concern.....

Dec. 21, 1912

Dec. 30, 1912—LOT 7 BLK 42 Map Easton Add'n to Burlingame No. 3. Helm Goldman to David Kelly.....

Dec. 20, 1912

Dec. 31, 1912—BLK 2 CONCORDIA Land Co. J A Volmer to Arthur Markley.....

Jan. 2, 1913—POLHEMUS AVE AND Solby Lane, Fair Oaks, Louis Stern to Donnelly & Waller.....

Dec. 28, 1912

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

WHARF—Timber pile construction. Cost not stated. Martinez, Contra Costa Co., Cal. Engineer, J. C. Arnold, Martinez. Owners, Town of Martinez. Plans and specifications have received the official approval of the Town Trustees, and Federal aid in financing the construction is now being sought through Congressman Currie. The

structure as planned will be 80 feet in width and 1300 feet long. Bids will not be called for until action has been taken by the Government. Announcement will be made in these columns when the work is advertised.

BUNGALOW—1 story and base, frame. Cost not stated. Sausalito, Marin Co., Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Dreger. The dwelling will contain six rooms and bath. There will be a large rock terrace blasted out of the hillside with two windows. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. Open fire places will also be used. Mantels will be of tile or brick. The exterior of the house will be covered with cement plaster. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$10,000. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, 611 Macdonald Ave., Richmond. Owner, W. W. Felch. The building has been arranged for nine apartments all of which will have telephone connection with the entrance, portal wall beds and individual gas heaters. Interior finish will be of Jenesero. Entrance steps will be of terrazzo. Plate, art and leaded glass will be used. The exterior of the building will be covered with cement plaster. Plans are complete and figures are now being taken. A contract will be awarded within a day or two.

BUNGALOW—1½ story and base, frame, \$2,000. Albany, Contra Costa Co., Cal. Architect, none. Owners, Peake-Munro Co., 2135 Shattuck Ave., Berkeley. The bungalow will contain six rooms and bath. All interior finish will be of pine and redwood. Some hardwood floors will be used. There will be an open fire place and brick mantel in the living room. Bath will be finished in tile. The exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—6 story and base, brick and concrete, \$75,000. Fresno, Fresno Co., Cal. Architect, R. L. Felchlin, Fresno. Owners, E. L. Lacour and R. L. Felchlin. The building will be erected on Tulare street between N and M streets. Preliminary plans show a building containing about 40 suites of two and three rooms each. There will be steam heat, elevator service and wall beds. All apartments will have connecting baths. Further details have not been decided upon. The exterior will probably be faced with pressed brick. Plans are being prepared and the work will be supervised by Mr. Felchlin.

Building Contracts.

CONTRA COSTA COUNTY.

LOT 17 BLK 39, City of Richmond. All work for two-story brick building. Owner.....Anna C. D. Burfeind, S. F. Architect.....James T. Nabett, Richmond. Contractor, J. H. Pluth and Mathew Morton, Richmond. Filed Jan. 8, '13. Dated Jan. 2, '13.
2d floor joists on wall set.....\$966.50
Roof on\$966.50
Building plastered\$966.50
Building completed\$966.50
Usual 85 days.....\$1289.00
TOTAL COST, \$6155.00

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Jan. 8, 1913—LOT 3 BLK 18, City of Bay Point. Jas Guarassio, \$33; 11 Cesa, \$95.50 vs Adolph Engle.....	
Jan. 9, 1913—SE PTN LOT 101, San Pedro Rancho. Thomas Farlinger vs Charles Pederetti.....	\$91.85

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED	ACCEPTED
Jan. 9, 1913—LOT 10 AND PTN LOT 11 Blk 119, City of Richmond. Hoyt & Greene, Inc to T S Handley.....	
.....	Jan. 3, 1913

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
Jan. 6, 1913—LOT 17 BLK 86, City of Richmond. Richmond Lumber Co to Charles Chacola and Mrs Figone	\$58.99

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—4 story and base. Class C construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Glenn Allen, 1396 Golden Gate Ave., S. F. Owners, Home Builders' Investment and Securities Co., Stockton. The building will be erected at the corner of Eldorado and Flora streets and will contain a large number of apartments of two, three and four rooms each. There will be private baths, wall beds, steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and some hardwoods. The exterior will be faced with pressed brick. Plans are complete and figures are being taken. An official call for bids appears in this issue. Bids will be opened on January 27th. Plans and specifications can be secured from the architect in San Francisco.

Building Contracts.

SACHAMENTO COUNTY.

LOT 6 KATHLEEN TCT, Sacramento. Building to be remodeled into two six-room flats. Owner.....Rose B. Rich. Architect.....Alden V. Campbell, Casey Bldg., Sacramento. Contractor.....G. S. Hayes. Filed Jan. 6, '13. Dated Dec. 31, '12. COST, \$2680

LOT 4 J, K, 4TH AND 5TH STS. Sacramento. Steam heating and ventilation on seven-story hotel building. Owner.....Marsh Investment Co. Architect.....Cuff & Diggs, Elks' Bldg., Sacramento. Contractor.....Ransome Concrete Co, 328 J St., Sacramento. Sub-Contractor.....General Eng. Co., 281 Natoma, San Francisco. Filed Jan. 8, '13. Dated Jan. 6, '13. COST, \$10,882

LOT S, I, J, 5TH AND 6TH STS, Sacramento. Mill work for five-story Class "C" brick building. Owner.....Young Mens' Christian Association.

Architect.....E. C. Hennings, 1005 K St., Sacramento. Contractor.....Hansome Concrete Co. 328 J St., Sacramento. Sub-Contractor.....Taylor & Co., 2001 Grand St., Alameda. St., Alameda. Filed Jan. 8, '13. Dated Dec. 17, '12. COST, \$7659

NE ELEVENTH AND O STS NO. 1193 "O," Sacramento. Alterations to 28 rooms and 4 stores in first floor of building. Owner.....Louis F. Breuner, 1103 O St., Sacramento. Architect.....Plans by A. Willonor. Contractor.....H. Goldnan. COST, \$7475

PLUMBING ON ABOVE. Sub-Contractor.....Latourette-Fical Co., 3431 Sacramento Ave., Sacramento. COST, \$1935

PAINTING ON ABOVE. Sub-Contractor.....Capitol Paint Co. Filed Jan. 7, '13. Dated Dec. 28, '12. COST, \$1192

Completion Notices.

SACRAMENTO COUNTY.

RECORDED	ACCEPTED
Jan. 7, 1913—E 30 FT. LOT 3 BLK G, H, 18th and 19th Sts, Sacramento Geo B Lorenz to Murrell & Haley	Jan. 7, 1913
Jan. 7, 1913—LOT 15 BLK E AND LOT 10 Blk F, Lot 13 Blk D, Fairmount & Co Vine and Upper Stockton Road Trainor Demand Co to H Goldman	Dec. 26, 1912
Jan. 8, 1913—FRONT AND "Q" STS. Sacramento. Western Pacific Railway Co to Van Emon Elevator Co	Jan. 4, 1913
Jan. 9, 1913—S ½ OF E ½ OF LOT 7 F, G, 22nd and 23rd Sts, Sacramento G A Briggs to W E Stevens.....	Dec. 28, 1912

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 1 BLK 263 E, Stockton. Erect frame building. Owner.....Clarence E. Dunbar, 1320 E-Lafayette, Stockton. Architect.....None. Day's work.....COST, \$1200
S 30 FT. LOT 1 BLK 263 E, Stockton. Frame building. Owner.....Clarence E. Dunbar, 1320 E-Lafayette, Stockton. Architect.....None. Day's work.....COST, \$1200

LOTS 10 AND 12 BLK 36 S M C, Stockton. Frame building. Owner.....C. Dobson. Architect.....None. Day's work.....COST, \$1800
LOT 3 BLK 263 E, Stockton. Frame building. Owner.....Clarence E. Dunbar, 1320 E-Lafayette, Stockton. Architect.....None.

Day's work. COST, \$1200

LOT 7 AND W 19 OF LOT 9 BLK 100
S M C. Stockton. Frame building.
Owner.....Harves & Penlger.
Architect.....None.
Day's work. COST, \$2000

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

APARTMENT HOUSE—3 story and base, frame, \$27,500. Merced, Merced Co., Cal. Architects, Hladik & Thayer, Monadnock Bldg., S. P. Owner's name withheld. The building will contain a total of 16 apartments, which will be arranged in two and three room suites. All apartments will have wall beds and private baths. A roof garden will be a feature of the building. The building has been designed in the Spanish Renaissance, the exterior being covered with cement plaster on metal lath. An elaborate entrance has been designed. Plans are complete and figures will be taken from contractors in Merced.

Building Contracts.

FRESNO COUNTY.

LOTS 19 AND 20 BLK 190, Fresno. All work for two-story and basement frame building with brick foundation. Owner.....Paul Orphan, Fresno. Architect.....A. C. Swartz & Son, Fresno.

Contractor.....E. A. Turner, Fresno.
Filed Jan. 6, '13. Dated Jan. 2, '13.
Frame work completed.....\$650
1st plastering completed..... 650
Building completed 650
Usual 35 days..... 620
TOTAL COST, \$2570
Bond, \$1300. Surety, L. B. Ulrey.
Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOTS 29 AND 32 BLK 71, Fresno. Remodeling building.
Owner.....Fresno Street Improvement Co., Fresno.

Architect.....E. Mathewson, Fresno.
Contractor.....McElroy & Riggins, Merced
Filed Jan. 4, '13. Dated Dec. 24, '12.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3842
Bond, \$2000. Surety, United States Fidelity & Guaranty Co. Limit, Feb. 15, '13. Forfeit, \$10. Plans and specifications filed.

NOTE—Contractor to receive \$5 for each day the work is completed before February 10, 1913.

Completion Notices.

FRESNO COUNTY.

RECORDED	ACCEPTED
Jan. 7, 1913—LOTS 1, 2, 3 BLK 83, Fresno. J B Olcese, executor to whom it may concern.....Dec. 28, 1912	
Jan. 7, 1913—LOTS 10, 11, 12 BLK 3, Bartlett Heights, Fresno. C J and F J Craycroft to whom it may concern .....Jan. 4, 1913	

LOS ANGELES AND SOUTH-EARN CALIFORNIA.

HOSPITAL—3 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, Westlake Hospital Association. The building will be of reinforced concrete construction, with curtain walls of brick. It will be of sufficient strength to sustain six additional stories. It will have blue brick exterior facing with metal tile roof. There will be tile corridors and baths. There will be hardwood trim, steam heat, first class plumbing and telephone wiring. Plans are complete and figure will be called for shortly.

HOTEL—3 story and base, brick. Cost not stated. Long Beach, Los Angeles Co., Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Moore & Barnett. The building will cover an area of 50x162 feet. There will be nine stores and the hotel lobby in the first story and 54 rooms, 14 private baths and 4 public baths in the upper stories. There will be a concrete foundation and basement, steel beams and columns. The exterior will be faced with enameled brick. Plate and prism glass will be used in the store fronts. There will be a galvanized iron cornice, composition roof, skylights, and fire escapes. The interior trim and floors will be of pine. A tile floor will be used in the lobby. There will be a lavatory in each room. There will be a hot water heater, plumbing, steam heat, electric wiring. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, R. B. Young & Son, Lankershim Bldg., L. A. Owner, W. W. Middlecoff. The building is to occupy a corner site and will contain a total of 90 rooms, which will be arranged in suites of two and three rooms each. All suites will have connecting baths and wall beds. Interior finish will be of pine, redwood and some hardwoods. Bath rooms will be finished in tile. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with ruffled brick. Plans are now being prepared.

HOTEL ADDITION—2 story and base, reinforced concrete. Cost not stated. Oak Knoll, Los Angeles Co., Cal. Architect, Myron Hunt, Hiernani Bldg., L. A. Owners, Wentworth Hotel Co. The addition will be 45x56 feet, and will contain 78 guest rooms and 40 baths on each of the two floors. Interior finish will be of pine and hardwoods. Construction will be fireproof throughout. A number of frame bungalows are also to be erected on the hotel grounds, which comprise over 23 acres. Plans for the hotel addition are complete and figures are being taken.

HOTEL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect A. E. Fetherstonhaugh, Ferguson Bldg., L. A. Owner, J. H. Call. The building will contain 90 guest rooms, a number of public baths and the main lobby and office. There will be steam heat, elevator service and a hot water heating system. Interior finish will be of pine. Bath rooms will have cement floors. The exterior of the building will be faced with ruffled brick. Plans

are complete and bids are being taken.

HOSPITAL WARDS—2, 2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, none. Owner, Los Angeles County. Plans for these two buildings and a two story addition to the dining hall and several kitchen and stable buildings have been completed. Bids are now being called for and will be opened by the Board of Supervisors on January 27th. Full information relative to the work can be secured from the County Clerk.

STORES AND LOFTS—6 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, Mrs. R. B. Young. This building is to be erected on 7th street. Details of construction are not yet settled and no particulars can be given at this time. The building will not be less than six stories in height and may be carried up to 12 or 14 stories. There will be a complete steel frame. Exterior walls will be of brick. Mr. Young states that actual construction will be started by March 1st.

THEATRE—3 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owners, Egan School of Dramatic Arts. The building will cover an area of 160x120 feet. The main auditorium will have a seating capacity of about 450 people. Besides the main auditorium there will be music halls, recital hall, 30x88 feet. Both of these rooms will be finished in white and gold. Plans provide for a sunken garden the whole length of the building, at one end of which will be an open air stage. The second floor will contain a mezzanine gallery and general offices. The third floor is to be arranged for a number of studios, dance halls and recital rooms. There will be elevator service. Interior partitions will be of hollow tile. The exterior of the building will be faced with blue brick and terra cotta trimmings. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architects, Slingsloff & Ena, Security Bldg., L. A. Owner, Ward Dawson, Wright and Callender Bldg., L. A. The building will contain 56 rooms, which will be arranged in two and three room suites. There will be steam heat, elevator service, wall beds and connecting baths. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

BRIDGE—Reinforced concrete \$8,000. Pasadena, Los Angeles Co., Cal. Engineer, City Engineer, Pasadena. Owners, City of Pasadena. Plans are being considered for the construction of a reinforced concrete bridge which will replace the wooden structure over the Arroyo Seco at Devil's Gate. The engineer's estimate of this work is \$7,863, and the cost will be divided between the City of Pasadena and Los Angeles County.

Contracts Awarded.

STORES AND OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, William Curlett & Son, Title Ins. Bldg., L. A., and Phelan Bldg., S. F.

Owners, Merchants' Fireproof Building Co., Contractor, Weymouth Crowell, Story Bldg., L. A., foundations and footings only. Contract price, \$35,740.

FACTORY GROUP—1 and 2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Bradford Baking Co. Contractor, G. J. Ramsey, Pioneer Truck Co., 201 North Main St., L. A. Contract price not stated. Note: The present one-story building will be increased three stories in height. There will also be a two-story building, 74x45 feet, and a one-story structure triangular in shape, 165x120x200 feet. All will be of reinforced concrete construction.

SEATTLE AND WASHINGTON.

HOTEL—5 story and base, reinforced concrete, \$75,000. Seattle, Wash. Architect, Willis E. Dwyer, New York Bldg., Seattle. Owner, J. P. Jones. The plans provide for a 65x120 foot building, faced with brick, and the specifications include tar and gravel roofing, tile steam heating, plate glass, terrazzo, one elevator, fire escapes, sheet metal, metal lath, hard plastering, sidewalk elevator, sidewalk lights, etc. Mr. Dwyer is now taking bids on the above and also mill work, iron, hardware, painting, brick, carpenter work, lumber, plumbing, electric wiring and electric fixtures. Plans and specifications are complete.

ELECTRICAL AND HYDRAULIC APPARATUS—Cost not stated. Milk River Project, Montana. Engineers, U. S. Reclamation Service, Federal Bldg., L. A. Owners, United States Government. Plans and specifications are complete and bids will be opened on January 22 by the Reclamation Service engineers in Los Angeles for furnishing electrical and hydraulic apparatus for the St. Mary's unit of the Milk River project.

CHURCH—2 story and base. Class A construction, \$150,000. Seattle, Wash. Architects, Rebb & Mendel, Denny Bldg., Seattle. Owners, First Church of Christ, Scientist. Work of completing this structure will be commenced within a few days. It is estimated that the interior finish, plumbing, electric work and heating still to be done will cost in the neighborhood of \$75,000. Bids will be called for at once.

Contracts Awarded.

CON' AWARD

HOTEL—4 story and base, brick, \$55,000. Vancouver, B. C. Architects, Braunton & Leibert, Exchange Bldg., Vancouver. Owners, James Borland Co., Contractor, James Layfield, 1024 Broadway, Vancouver. Contract price, \$55,000.

HOTEL—4 story and base, brick and steel, \$145,000. Vancouver, B. C. Architects, Parr, McKenzie & Day, Vancouver Bldg., Vancouver. Owners, W. J. Bowser and G. J. Wilson. Contractor, E. J. Ryan, 768 Granville St., Vancouver. Contract price, \$145,000.

STORES AND OFFICES—6 story and base, reinforced concrete, \$100,000. Portland, Ore. Architect, J. B. Dantoff, Portland. Owners, Marcus and Eugene Cohn. Contractors, Royjohn-Arnold Co., Wilcox Bldg., Portland. Contract price, 100,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—2 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Fred S. Allerton, Wilcox Bldg., Portland. Owner's name withheld. The building will cover an area of 50x100 feet. There will be three stores on the first floor and five three-room apartments with private baths on the upper floor. There will be steam heat, hot and cold running water and wall beds. The interior will be finished in pine throughout. The exterior will be faced with cement plaster. Plans are now being prepared.

STORES AND OFFICES—6 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, Whitehouse & Foulhoux, Portland. Owners, Fidelity Trust Co. The building will cover an area of 50x100 feet. Plans provide for one large store on the first floor with a mezzanine. Upper floors will contain 21 offices to the floor, which will be arranged singly or en suite. There will be steam heat, elevator service, mail chutes and a vacuum cleaning system. Interior partitions will be of terra cotta tile. There will be metal window sash and frames. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

MINOR JOBS ABOUT ALAMEDA CO.

1316 97th Ave., Okd.; alterations; owner, C. T. Jansen, Premises; contractor, C. T. Lind, Premises; cost, \$185.

603 Apgar, Okd.; alterations; owner, A. A. Jobling, 814 18th; cost, \$150.

1320-26 Washington, Okd.; alterations; owner, Westphal Estate, Prem.; contractor, P. H. Jackson & Co., 237 First, San Francisco; cost, \$200.

2133 90th Ave., Okd.; alterations and additions; owner, S. P. Co., 13th and Franklin; cost, \$250.

1355 34th, Okd.; alterations; owner, J. Larona, Premises; cost, \$200.

4329 Howe, Okd.; brick fireplace; owner, Effie C. Drew, Premises; contractor, R. Dalziel, 3rd and Washington; cost, \$50.

7206 Rudsdale Ave., Okd.; alterations; owner, Mrs. Harvy; contractor, W. C. Carter, 1353 60th Ave.; cost, \$200.

3520 Webster, Bkly.; outside chimney; owner, Mr. Lutgen, Premises; contractor, Chas. B. Ollis, Bkly.; cost, \$250.

N University Ave 200 E Grant, Bkly.; office; owner, Dr. Bohano—1813 University Ave.; contractor, W. S. Gilbert, 1756 Vine; cost, \$250.

1418 Jefferson, Okd.; alterations; owner, Surety Mtg. & Bldg. Co., 7th and Cedar; cost, \$250.

3410 35th Ave., Okd.; alterations; owner, M. Markster, 338 Magnolia; cost \$150.

N Crofton 250 E Boulevard Way, Okd.; one-story garage; owner, P. J. Potter, 504 Crofton; contractor, J. B. Rickman; 385 Adams; cost, \$175.

536-538 20th, Okd.; alterations; owner, Thos. H. B. Varney, 1304 Webster; cost, \$250.

205 12th, Okd.; marquee repairs; owner, Layman Real Estate Co., 1421 Broadway; contractor, J. R. D. MacKenzie, 431 15th; cost, \$180.

536-538 20th, Okd.; alterations; owner, Thos. H. B. Varney, 1304 Webster; cost, \$250.

1671 9th, Okd.; alterations; owner, Frank Gonsalves, Premises; cost, \$100.

767 53th, Okd.; fire repairs; owner,

A. Thompson, 6007 Shattuck; cost, \$151 Frank Young, 764 53th; contractor, E. 463 Central Ave., Ala.; addition to dwelling; owner, Marion Flisk, Prem.; contractor, Ed. Shaw, 5th and Central Ave.; cost, \$150.

1333 Park Ave., Ala.; carpet cleaning room; owner, Brown Furniture Co., 1339 Park; cost, \$150.

TOPOGRAPHIC DRAFTSMAN.

Copyist Topographic Draftsman.
February 5-6, 1913.

The United States Civil Service Commission announces an open competitive examination for topographic draftsman and copyist topographic draftsman, for both men and women, on February 5 and 6, 1913. From the register of eligibles resulting from this examination certification will be made to fill a vacancy in the position of topographic draftsman at \$1000 per annum in the Coast and Geodetic Survey, and vacancies as they may occur in the positions of topographic draftsman and copyist topographic draftsman, unless it is found to be in the interest of the service to fill any vacancy by reinstatement, transfer, or promotion.

The salary of the position of topographic draftsman ranges usually from \$1,000 to \$1,500 per annum, and for copyist topographic draftsman from \$900 to \$1,500 per annum.

Competitors will be examined in the following subjects, which will have the relative weights indicated:

TOPOGRAPHIC DRAFTSMAN.

Subjects.	Weights.
1. Drawing (a specimen of topographic drawing will be given for reproduction in india ink)...	35
2. Lettering (test of short words in different styles of lettering, and numbers are given.....)	35
3. Mathematics (comprising arithmetic, algebra to and including problems involving quadratics, plane and solid geometry, plane trigonometry, logarithms, mensuration, and projections)	30

Total 100
Time allowed, two days of seven hours each.

Competitors who fail to attain an average rating of at least 70 in the subjects of drawing and lettering will not be eligible for appointment. Not more than five hours will be allowed on the second day for the work in lettering. No submitted drawings will be accepted. Competitors who average 70 per cent or over in the subjects of drawing and lettering may also have their names entered on the copyist topographic-draftsman register, provided that they state in answer to Question 1 of the application that they desire both examinations.

All topographic-draftsman positions in the Departments of Washington are filled from this register, or, if there are no eligibles therefrom, from the copyist topographic-draftsman register.

COPY TOPOGRAPHIC DRAFTSMAN.

Subjects.	Weights.
1. Drawing (a specimen of topographic drawing will be given for reproduction in india ink) ..	50
2. Lettering (test of short words in different styles of lettering,	

and numbers are given). 50

Total 100

The tests in drawing and lettering are identical with those given in the topographic draughtsman examination. Competitors who take both examinations will take these tests but once. No multiple drawings will be accepted.

Time allowed, two days of seven and one hour, respectively.

Competitors will be furnished drawing paper, but they must supply themselves with drawing board not less than 15 inches square, pen, ink, and any other drawing materials which they deem necessary.

Age limit, 18 years or over on the date of the examination.

ASBESTOS FACTORY OPERATING.

REDWOOD CITY, January 10.—An asbestos factory is now in operation at Redwood City and the new process which was installed as an experiment has proven so successful that a \$75,000 building will be erected at once. The plans provide for a \$1,000,000 plant of which the proposed building is to be a unit.

EXPOSITION AND CITY HALL BONDS READY FOR DELIVERY.

Yesterday the last of the city bonds purchased in July by N. W. Halsey & Co. for a syndicate and amounting to \$5,608,000 were delivered. The bonds to be turned over are exposition bonds amounting to \$1,000,000, on which the premium to be paid is \$37,074 additional, and City Hall and Civic Center bonds amounting to \$308,000, on which the premium is \$15,715.70.

The accrued interests, which will also be paid to City Treasurer McDougall by the purchaser, amounts to \$9583.30 on the exposition bonds and \$585 on the City Hall and Civic Center bonds.

The amount of the bonds sold last July were: Exposition, \$1,000,000; City Hall and civic center, \$2,948,000; sewer, \$400,000; fire, \$680,000; school, \$400,000; hospital, \$180,000. The Exposition Company postponed calling for the proceeds of the exposition bonds until the money was needed, and the city saved interest by deferring delivery. Half of the \$1,000,000 and premium will be turned over to the Exposition Company now and the remainder is to be held by the city until March.

APPROPRIATIONS FOR PRESIDIO.

WASHINGTON, January 11.—At a conference between Secretary of War Stimson, Major-General Murray and Representative Kahn, plans for the expenditure of \$1,650,000 for new barracks, Quartermaster's building and stables at the Presidio were discussed. The plans recently worked out by the War Department to do away with isolated commands and posts and concentrate troops in brigades probably will result in transferring the cavalry now at the Presidio to Monterey and bringing to the Presidio in their place three full regiments of infantry.

To place the Presidio in shape to care for the increase in troops, to make room for the Federal exhibit building of the Panama-Pacific International Exposition in the Presidio grounds and to place the reservation in the best possible condition for the exposition, it was decided that Secretary Stimson will soon send to Congress supplementary estimates for

these purposes. The appropriation of \$1,650,000 will be divided as follows:

Removing the Presidio stables to another site and for new stables, \$450,000; for a new Quartermaster's depot at Fort Mason, \$100,000; for new barracks near the Presidio entrance, \$75,000. In order to make room for the Federal exhibit building it will be necessary to remove the present stables. New stables have been needed for some time, as the present ones are unsightly and old.

The Quartermaster's storehouse at Fort Mason will be needed also for exposition purposes. It is planned to make the new barracks at the Presidio entrance large enough for a regiment.

PERMANENT INJUNCTION AGAINST LUMBER TRUST.

NEW YORK, January 11.—The Government's petition for a permanent injunction against the Eastern States Retail Lumber Dealers' Association, alleged to be a combination in restraint of trade, was granted Thursday by the Federal District Court. Final arguments for and against the injunction were heard a few weeks ago.

The defendants include also the New York Lumber Trade Association, the Building Material Men's Association, the New Jersey Lumber Men's Protective Association, the Retail Lumber Men's Association, the Retail Lumber Men's Association of Baltimore, the Lumber Exchange of the District of Columbia and others.

The Government's petition, filed in 1911, alleged that the defendants were engaged in a conspiracy in restraint of interstate trade, operated through the instrumentality of blacklists, fines, and expulsion from membership, and that by trade agreements they arbitrarily fixed prices.

WASHINGTON, January 11.—The Government's victory at New York against the so-called lumber trust is regarded by officials of the Department of Justice as one of the most important accomplishments under the Sherman anti-trust law, because it limits in large measures the power and privileges of the much discussed "middle man" in commerce.

The decision is construed here as meaning that the consumer of lumber, untrammelled by the retailer, may purchase direct from the wholesaler or manufacturer, and the latter may sell direct to the public without the interference of a combination of retailers.

The issue decided was one of three civil proceedings and one criminal prosecution against retail lumber dealers' associations charged with conspiracy by various means to prevent the public from dealing directly with the manufacturer or wholesaler of lumber.

The lumber trust cases still pending, constituting in the aggregate a nationwide movement, are directed against the Michigan Retail Lumber Dealers' Association, filed at Detroit; the Colorado and Wyoming Lumber Dealers' Association, filed at Denver, and the Lumbermen's Secretaries' Bureau of Information, filed at St. Paul. In addition there is pending at Chicago an indictment charging the secretaries of fourteen retail lumbermen's associations, covering twenty-three states, from Pennsylvania to the Pacific Coast,

with conspiring to control the marketing of lumber through the retailer.

STATE BOARD PROPOSED FOR CITY WATER SUPPLIES.

SACRAMENTO, January 10.—A series of bills that are to directly affect the State Board of Health have been prepared and are in the possession of former Senator Louis H. Roseberry of Santa Barbara.

The majority of the bills propose minor changes in the present laws, but there is one which provides for supervision by the State Board of all city water supplies. A sanitary engineer to have charge of such supervision is provided for. The State Board is to see to it that the water supply is sanitary and its powers go to further.

Former Senator Roseberry is here in the interest of the measures.

WILL BUILD FERRY BOATS.

A contract for the construction of another steel ferry boat to be a duplicate of the Alameda, now under construction at the West Oakland ship yards, has been let by the Southern Pacific Company to the New Jersey Ship Building Works. The hull will cost \$98,000. The name of the new vessel will be the Santa Clara. A third contract will be let shortly for the San Mateo. This fleet will be placed on the broad gauge run. All of the vessels will be of steel, including the upper works. They will make the trip from pier to pier in 12 minutes. The Alameda will be placed in commission within six months. The two wheels will be operated independently by different engines.

ONE ADDITIONAL TREASURY BID.

Work Will Probably Be Awarded to Grant Fee Although Three Lovest Men Stand a Chance.

The greatest difference between the three lowest lump sum bids for the San Francisco Sub-Treasury Building is but \$13,200. While the bid of Grant Fee, \$384,300, is regarded as the one that will be accepted still with the twenty-four alternative propositions there can be no certainty of this until after all deductions have been compiled by the Supervising Architect's office. The three lowest figures were as follows: Grant Fee, \$384,300; Lindgren & Co., \$397,400 and Eugene Schuler, Wahpeton, S. D., \$397,500. Two local firms are represented and in all probability the work will go to one or the other.

One bid, that of Connors Bros., Lowell, Mass., was omitted from the list of figures received from Washington Monday, but was forwarded later and is \$407,437. The bid of the King Lumber Co., Charlottesville, Va., should read \$444,000.

NEW YORK ARCHITECTURE.

Judging from the remarks made about New York buildings by Achille Duchene, the French architect now over here, he is one of the not too numerous foreigners who realize that for things American to be different from things European is or may be

reason for commendation rather than for reprehension.

Our skyscrapers do not shock his artistic sensibilities; instead, he credits them with something of beauty, steadily increasing, as well as with a certain grandeur, and he rejoices over the many evidences he finds in this country of departure from the strict utilitarianism with which foreign critics so often charge us.

Especially enthusiastic is M. Duchene in his comments on the new Grand Central station as a triumphant attainment of beauty through simplicity of line. Those of us who have had occasion to observe, and inclination to observe carefully, that huge structure through its long approach to the completion now near, will fully agree with the French architect's praises of its magnificent severity. Frankly adapted in every detail to the purposes it is to serve, its gleaming corridors and lofty chambers are yet monumental, and to the sensitive they will always be a training and an education in applied esthetics.

The station is impressive without being depressive—an end not easy of attainment. The emotions it evidently gave to M. Duchene will be shared by more Americans than he perhaps believes. Certainly it proves that our builders can do more than copy the masterpieces of Europe, even if they have been, very properly, the humble students of those masterpieces.—New York Times.

SHIPBUILDING RECORD SHOWS AN INCREASE.

WASHINGTON, January 7.—Shipbuilding in the United States during the last six months of 1912 amounted to 791 vessels, aggregating 163,384 tons. This was an increase of 49,000 tons and seven vessels over the corresponding period of 1911. Seventy-three vessels were steel and the remainder of wooden construction. The total steel tonnage was 98,109.

GOLD PRODUCTION AND PRICES.

The increase in the world's production of gold during the year 1912 is due entirely to South Africa. That country shows an increase of about \$20,000,000, which not only compensates for a decrease of \$16,000,000 in the United States, Mexico and Australia, but leaves a net increase of \$4,000,000. The Transvaal is expected soon to reach its maximum production. As the higher levels of the mines become worked out and as mining at deeper levels proves unprofitable, it will begin to show a decrease. We must then look to the virgin fields of Rhodesia and to new fields yet to be discovered for maintenance of the present sale of production.

Great demand for gold from India, which country has swollen its imports of the metal from \$50,000,000 in 1909 to \$140,000,000 in 1912, has gone far to offset the effect on prices of the increased production in recent years. If that country continues to increase its consumption on the same scale, and if a demand arises from China and other Asiatic countries as they come into closer touch with Western civilization and commerce, the value of gold may return to the figure at which it stood

before the output began to boom. This is another way of stating that prices of commodities would recede.

Of course, the depressing effect of gold production on prices may be offset by counteracting causes, but at least the trend of prices would be less upward than if gold production were increasing simultaneously with a growth of demand for necessities out of proportion to growth of supply.—Portland Oregonian.

CIVIC CENTER PURCHASES.

Arrangements have been completed by the supervisors' building committee to purchase for civic center purposes the site of the old supreme court building at the northwest corner of Larkin and McAllister streets from Isaac Kohr for \$107,500, the lot being 120 by 137½ feet. The committee is also considering the purchase of additional land for the Cooper school for the price of \$13,550.

OCTOBER R. R. TRAFFIC BEATS ALL RECORDS.

The receipts and the expenses of the steam railways for the month of October, 1912, are greater than for any other month in their history. Net operating revenue, which is the gross income before anything has been taken out for taxes and rentals, interest on bonds, appropriations for betterments or dividends, averaged \$15.71 per mile of line per day, which contrasts with \$13.74 for October 1911, an increase of \$1.97. This is an increase per mile of line for the month of \$61.13, or 14.4 per cent.

The monthly summary of the Bureau of Railway Economics, compiled from the reports of railways to the Interstate Commerce Commission, covers for October 226,636 miles of line, or about 96 per cent of all the steam railway mileage of the United States. The aggregate net operating revenue for this mileage was \$107,440,518, which is greater by \$14,870,125 than that for October, 1911. The increases were due in greatest proportion to the freight traffic, which is always greater the year.

AFTER NEW BRIDGE FOR STATE HIGHWAY.

REDDING (Shasta Co.), January 8.—Now that the new Board of Supervisors has taken office, the City Trustees are making a move to secure the building of a new bridge across the Sacramento at the north end of Market street, this being necessary to have the State highway routed through the business center of Redding. Otherwise it will swing across the river over the Free Bridge, a mile south of Redding and thus sidetrack the city.

Mayor Harry W. Glover appeared before the Supervisors and asked for a conference. The Supervisors agreed to confer with the City Trustees.

The bridge, if it is built at all, will have to be erected at the joint cost of the city and county. It will cost at least \$50,000.

NEVADA BANKS PROSPER.

RENO (Nev.), January 8.—State Bank Examiner Eugene Howell's annual report to Governor T. L. Odde shows that the State banks of Nevada are in an excellent condition and that the practice of allowing over-

drafts has been almost entirely done away with. He reports the organization of the new bank of Wells, in Elko County, and that the Bullfrog Bank, which suspended in 1909, has paid 53½ per cent and that another dividend of about 5 per cent is soon to be declared.

EXPOSITION INCREASES STOCK.

The Board of Directors of the Panama-California Exposition Company of San Diego—the company that has charge of the exposition to be held in the South in 1915—has filed a certificate of increase of capital stock in the office of the Secretary of State. The capital stock has been increased from \$1,000,000 to \$3,500,000, an increase of \$2,500,000.

TO ELECTRIFY MILWAUKEE LINE.

WASHINGTON, January 8.—What Secretary Fisher believes to be the beginning of the electrification of all transcontinental railroads was marked Tuesday by a grant to the Great Falls (Montana) Power Company to transmit over public domain under strict Government regulations power for the electrification of 450 miles of tracks of the main line of the Chicago, Milwaukee and Puget Sound Railroad between Harlowtown, Mont., and Avery, Idaho.

The fact that the Great Falls Company was "willing to accept the fullest provisions for the protection of public interests, even where all it was asking was for a transmission line," is of even greater importance from the public-benefit view, asserted Secretary Fisher, than the further great electrification of railroads which must follow.

The grant, which is for fifty years, was worked out under the act of March 4, 1911, relating to electrical transmissions, telephone and telegraph lines.

TO REPRODUCE THE GRAND CANYON.

A gigantic replica of the Grand Canyon of Arizona, the most elaborate concession of its kind ever devised for a world's fair, is being arranged by the Santa Fe Railroad as its feature of participation in the 1915 Exposition. The concession will reach a cost of \$250,000.

The canyon will be shown on staff and canvas, with every device of the expert scene painter brought into use.

In obtaining the wonderful sunset colors of the canyon walls—colors which the master artists of this generation have tried in vain to duplicate on canvas—the architects of the scheme will resort to electrical illumination.

It is planned to give spectators a first glimpse of the artificial canyon from an observation platform. The rugged desert and its mighty chasms will open to view, with much the effect of well-known paintings of the canyon which hang in railroad offices and hotels all over the land.

ABATEMENT OF THE SMOKE NUISANCE.

Later cities have come to look to electricity to cure the great evil of soft coal burning locomotive smoke. New York city has eliminated the locomotive from all passenger trains enter-

PATENTS

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ing that city, and Philadelphia has received assurance which justifies the expectation that electricity will in due time be used at Broad-street Station for local traffic at least. The smokeless locomotive for freight and passenger service alike is more promising for the general abolition of the railway smoky nuisance. If Pittsburg receives such a blessing, the growing murkiness of Philadelphia atmosphere must also give place again to the limpid clarity that formerly characterized it.

West Philadelphia particularly will have occasion to rejoice when the black smoke emitting locomotives disappear from that section. With the steady annual increase in the enormous business of the Pennsylvania Railroad, its locomotives have multiplied correspondingly, and the smoke which they scatter for miles over city residences has for thirty years past made many sections of that part of the city less and less desirable to live in. Nevertheless, because of other advantages, population continues to gain there, the people living in hope that the smoke nuisance will in some way be overcome.

That hope has been long disappointed, but the statement laid before the Council of Pittsburg will give it a new

basis. The people of that city have the strongest possible motive to fight the smoke nuisance, and if they succeed, their victory will redound to the common benefit of all afflicted in any degree by the same grievance.—Philadelphia Press.

The Parcels Post is causing a great howl to emanate from the express companies already. As yet it is only fragmentary and primitive compared to European countries yet it is a beginning made in the face of opposition by enormous wealth. John Wanamaker, who was at one time Postmaster General, has always been in favor of the Parcels Post and is also enthusiastically in favor of Government ownership of the telegraph and telephone.

In a recent interview in commenting upon the victory achieved in getting this much of parcels service by the government he is reported to have said:

"I want to see the two great servants of The People, the telegraph and the Post Office, reunited, and the telephone brought in to enhance the value of the combination.

Public interest, private needs, and the popular will call for these agencies to protect the great postal system of the country. The longer their employment is delayed, the greater the aggravation and injustice to The People, and the costlier it will be.

The electric current belongs to The People by right, and is bound to become their servant—not of a class, nor of one-sixty-fourth of the population, as at present.

I don't believe in the confiscation of vested rights; but if the Government can spend \$400,000,000 on the Panama Canal for limited interests, it could find money to purchase telegraph and telephone lines, and perhaps cable service."

In other words it is Wanamaker's opinion that the great public utilities

belong to the people because of their universal use and that no private monopoly should be allowed to control them.

Wanamaker is a merchant prince, the owner and head of one of the great department stores of the country. This is his idea of the Post Office, the telegraph and the telephone. The control of these great public utilities by the government is sure to come sooner or later. In the meantime the Pacific States Telephone Company still continues to hold possession of and operate the Home Telephone Company of this city in open and direct violation of their contract with the City and the terms of their franchise and in direct opposition to the expressed will of the People.

The permanent injunction secured by the Federal Government against the retail dealers in lumber combines promises to be far reaching in its effect. So far as reports go in the associated press dispatches, little can be said of the merits of the case. From the facts as given it would seem that the court had determined that the Trust had violated the Sherman Anti-trust law and had combined to raise prices to the consumer. Whether the reform expected will result remains to be seen.

The lumber combine is another demonstration of dealers over reaching themselves and becoming arrogant with the increase of power. If the dissolution of the combine results in cheaper lumber to the consumer, if it reduces unnecessary cost of distribution and unjust profit of the middle man the building business and the individual dealer will profit thereby. The decision of the court has been hailed with a good deal of satisfaction by the department of justice in Washington, according to reports. The public generally will await practical results.

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Perspective View of Proposed New Buildings For St. Joseph's Hospital. Designed By Architect Walter King Of Stockton.

Accepted Design For New City Hall Building At Larkspur, Marin County. Designed By Architect C. O. Clausen of San Francisco.

TUESDAY, JANUARY 21, 1913.

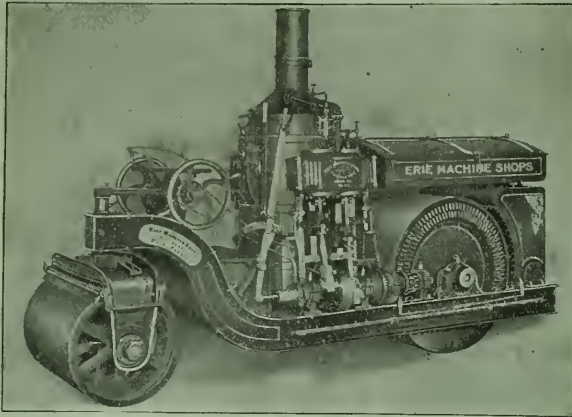
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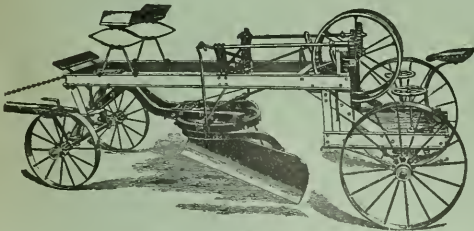
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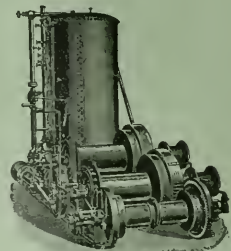


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Editorial Comment.

Some fifty cities reported to the American Contractor show an aggregate gain in building construction for the month of December, 1912, over the same month of 1911 of about 26 per cent. This is in a great measure due to the substantial gain recorded in New York which shows an increase of about 64 per cent and some of the more substantial cities throughout the middle west. Chicago being the only city of importance that showed any loss of comparative importance.

Building statistics are interesting in many particulars. If they are accurate they show an accurate index of prosperity and growth.

For instance, New York always shows a vast amount of money spent in building as does also Chicago, and in a less degree such cities as Cleveland, Pittsburgh, Boston and Baltimore. But Philadelphia, for instance, the third city in size shows a building record about equal to San Francisco. So also St. Louis, a sleepy old southern town of twice the size of San Francisco, shows a building record of far less amount. The cities that are doing things show substantial building records. Those that are simply marking time are those that have attained their growth and are no longer increasing in population. Statistics for December are shown in the following table:

	December, 1912	December, 1911
	Cost.	Cost.
Akron	\$ 254,085	\$ 175,770
Atlanta	918,490	324,678
Baltimore	541,805	702,810
Birmingham ..	172,194	102,277
Boston	2,119,435	1,119,435
Buffalo	359,000	1,394,000
Cedar Rapids ..	334,000	238,000
Chicago	4,878,600	6,805,300
Cincinnati	352,295	694,360
Cleveland	2,517,430	2,330,500
Columbus	157,473	129,437
Denver	273,700	370,150
Detroit	1,506,000	1,083,700
Evansville	83,305	75,135
Fort Wayne	228,350	57,350
Grand Rapids ..	124,305	117,522
Harrisburg	99,350	31,825
Hartford	226,450	206,130
Indianapolis	527,105	759,445
Kansas City	876,060	426,806
Los Angeles	2,270,680	1,131,325
Louisville	133,020	213,490
Manchester	57,020	58,715
Memphis	374,156	215,000
Milwaukee	610,573	682,635
Minneapolis	2,963,330	400,225
Nashville	118,890	33,053
Newark	1,169,285	814,121
New Haven	227,130	557,320
New Orleans	120,111	199,295

Manhattan	14,388,519	7,198,121
Brooklyn	2,648,026	2,618,949
Bronx	2,732,752	2,180,230
New York	19,719,327	11,997,300
Norfolk	89,731	92,157
Oakland	667,724	517,539
Omaha	168,650	164,000
Paterson	69,427	128,713
Philadelphia	2,558,890	1,737,840
Pittsburg	514,800	867,419
Portland	712,110	1,293,526
Rochester	549,602	696,005
St. Joseph	65,891	15,240
St. Paul	312,850	419,304
St. Louis	1,608,373	635,408
San Antonio	158,174	165,165
San Francisco ..	1,088,126	1,207,429
Scranton	144,675	227,675
Shreveport	80,694	24,502
South Bend	28,900	88,300
Toledo	230,123	141,757
Wilkesbarre	65,004	216,698
Worcester	225,537	298,317

Total

Senator Root, acting for the administration, has introduced into the Senate a bill to repeal that portion of the canal bill that provides for the exemption from tolls of American shipping. In doing this he is acting in the interests of the eight transcontinental railroad lines whose interests he serves.

This step will pass the matter up to Congress directly and there is every reason to suppose that the administration measure will get it just where the administration got it last November.

What treaty obligations would be violated by exempting American coastwise shipping is hard to see. But as Taft and Root believe that nobody has a right to be heard but the representatives of wealth the demand of the railroads is the only thing to be considered.

The Chinese republic is the country of the future. The oil empire is in a state of transformation. The rich valleys of the Yangtze and the Hoango that have for untold ages supported countless millions of people will awaken to modern progress and modern mechanical devices will transplant the antiquated methods of farming that have been used for thousands of years.

American capital and American products will find opportunity in the land of the celestial kingdom. Modern buildings and modern sanitation will supplant the old shacks of the pest ridden cities and it will only be a comparatively short time till the public and private life of the orientals will be modernized.

For the school master has been abroad in the land. The young Chinese have been educated abroad. They have become imbued with modern ideas of science, of politics and of govern-

ment. And they not only know the value of modern methods but they know the value of sanitation, of permanent construction and healthful conditions. So that when government buildings go up in the new China they are very likely to be constructed along modern lines. And as fast as may be and as fast as conditions will admit the cities will be made sanitary in a degree. This will necessarily involve modern construction. Here is an opportunity for American builders. In yesterday's *Bull* was printed an interview with Mr. Paget, an engineer who comes from Canton, China, and in it some suggestions are made to American builders to get into the work and look over the ground. Building must be done over there. There is no reason why Americans should not do it. If money is to be made there is no reason why Americans should not make it.

As usual the Senators and Assemblymen at Sacramento are introducing an untold number of bills. The trouble with us is that we are getting too many laws. The courts have hardly had time to construe a law till a lot of other measures are passed covering the subject so that one never knows what the situation is. Reforms are needed, more or less radical, but reform does not necessarily open the way to a lot of freak measures that nobody knows anything about.

OPPORTUNITY.

Master of human destinies am I;
Fame, Love and Fortune on my footsteps wait
Cities and fields I walk; I penetrate
Deserts and seas remote, and passing
by
Hovel and mart and palace, soon or late
I knock unbidden once at every gate!
If sleeping, wake—if feasting rise before
I turn away. It is the hour of fate,
And they who follow me gain every state
That mortals desire, and conquer every foe
Save Death; but those who doubt or
hesitate,
Condemned to failure, penury, and woe,
Seek me in vain, and uselessly implore—
I answer not and I return no more.

—John J. Ingalls.

THE REPLY.

They do me wrong who say I come no more
When once I knock and fail to find you in;
For every day I stand outside your door
And bid you wake, and rise to fight and win.
Wail not for perished chances passed away!
Weep not for golden ages on the wane!
Each night I burn the records of the day
At sunrise every soul is born again.
When down in mire, wring not your hands and weep.
I lend my arms to all who say,
"I can."
No shame-faced outcast ever sank so deep
But yet might rise and be again a man.
Art thou a mourner? Rouse thee from thy spell,

Art thou a sinner? Sins may be forgiven.

Each morning gives thee wings to flee from hell.

Each night a star to guide thy feet to Heaven.
—Wichita Beacon.

Sharp sand and gravel are not the only components of good concrete.

A five-story concrete building, the concrete being made of oyster shell from the reefs of Galveston Bay, has been erected at Galveston, Texas. The owners of the building and its constructors, Mr. Polin and G. Tietze, claim this material is better and cheaper than concrete made with gravel. Shell concrete built into a wall 3 feet high and 3 1/2 feet long in 1882 withstood the severe test of fire and water and is today as sound as when built. It is estimated that the shells of 5,896,000 oysters are imbedded in the walls of this building. This is said to be the only building of the kind in the world.

Telephotography or sending photographs by the telegraph is meeting with good success in Europe. Dr. Korn, the Berlin Scientist, is said to be sending photographs between stations located at Berlin, Paris and Monte Carlo and they are successfully used in press work. However, there is little demand for this sort of thing there as photographs can be sent between these stations by mail in a comparatively short space of time. For this reason he expects to take up the question of operating upon the Atlantic cable and is confident that he will be able to send photographs across the ocean. He is also considering the matter of coming to America in order to apply the system to a line between New York and San Francisco.

Some of the miscarriages of justice where special privilege has had control are well illustrated in a recent New York case which is stated in an editorial in the *Sacramento Bee* as follows:

"Sixteen years ago Miss Harriet Nugent was struck by a Metropolitan Railway Company's horse car in New York and so badly hurt her leg had to be amputated. In addition, the sight of her right eye was destroyed.

A lawyer named Benjamin Oppenheim took her case and gained a verdict for her of \$5000. The railway company appealed, and thirteen years ago caused Oppenheim to be disbarred from practicing law, on the ground that he had obtained witnesses to swear falsely.

But the other day, the higher Court sustained the original verdict of \$5000 and added \$6000 for interest. Besides that, it appears that the testimony upon which Oppenheim was disbarred was false and was manufactured against him at the instance of the Metropolitan Railway Company. Oppenheim will shortly be readmitted to the bar."

It is such methods as these that makes anarchists and dynamiters out of the people who suffer such wrongs and impositions.

These long delays of justice, the uncertainties of litigation, and the ability of rich litigants to keep matters forever in the courts is what has brought

about the necessity for industrial insurance and the abrogation of all claims for contributory negligence and the like.

In the above case not only the attorney rest under a cloud for thirteen years, but he was disbarred from practicing his profession for that period, all through perjured testimony procured by a wealthy company whose directors are the financial lights of this country.

The publishers of the *Boise Capital News* have been sentenced to ten days in jail and pay a fine of \$500 because they published a criticism of Colonel Roosevelt on their decision denying the right of the Progressive electors on the ballot.

This is certainly an unwarranted assumption of power and action without a warranted precedent. This criticism was made after the decision was rendered and the paper printed it as a matter of news. By what right the Supreme Court of Idaho punish the publishers of the *Boise News* for contempt is certainly something hard for any freedom loving citizen to see. They certainly assume a dignity which the constitution does not give them and arrogate to themselves a sanctity never conferred upon them by the people. No such power can be tolerated in a free country. Especially by a set of pig headed judges who only see their own side of a political question and are willing at all times to serve interests of wealth and privilege.

In a case of this sort the judges have the same redress against libel or slander that any other citizen has. If they can make any kind of a decision and then put any body in jail for criticizing them it is high time that a change is made. They are not only ready for the recall but the Idaho judges should themselves be in jail instead of the newspaper men.

Coating wood and glass by means of atomized metals is now a commercial process. Steam is used as a medium in much the same manner that air is used in painting and whitewashing. In illustrating the process an interesting incident is used in connection with the account of developments in the field of electricity, narrated in a recent number of the *Scientific American*:

A big tungsten bulb in a store window suddenly burned out and passers-by were astonished to note that the bulb took on the appearance of polished copper. Investigation showed that a thin film of copper covered the inner surface of the glass and formed a reflecting surface as fine as any silver mirror. The bulb hung vertically and the larger end was opaque, but the copper coating at the other end was thin enough to see through if held against a strong light. The explanation is simple. When the tungsten filament broke, a short circuit was produced on the copper supports, heating the copper until it vaporized (not difficult in a partial vacuum). The copper vapor coated the glass like so much dust, adhering more firmly, however. Atomized metals are now produced on a commercial scale for coating glass, wood and other objects. The usual procedure is to force the molten metal with a jet of steam against the object to be coated. The steam breaks up the metal into a very fine state of division and the particles adhere very well.

Progress Of The American Institute Of Architects As Indicated By Its History.

Extracts From Opening Address of President Walter Cook, of New York, at the 46th Annual Convention, Washington, D. C., December, 1912.

"The one thing that stands out in the history of the Institute is the constantly increasing interest of our members in its aims and its aspirations, and the constantly increasing unity in their views as to the best means of attaining these. Our one purpose is the encouragement of the best architecture, in every sense of the word; any advantage to the architects themselves—the improvement of their position in the community or of their material interests—follows as a matter of course; but this is not first in our minds. During the year which is nearly at an end a great deal has been accomplished, especially in furthering that education of the public toward a correct understanding of what we seek, which is our first and most pressing necessity.

"If the results of these efforts of ours have come but slowly it is perhaps in part our fault; for astonishing as it may seem, this public, or the best part of it, has listened to us with interest and good will, and in the great majority of instances has recognized the force of our arguments and the truth of what we have advanced. One example of this, and the most important one perhaps, has been the conduct of the competition for the capitol of the State of Missouri. Beginning as it did with certain conditions laid aside, which were, as we believe, not for the best interest of the State, the Capitol Commission invited a delegation of the Institute, which had called its attention to these conditions, to visit them and confer with them. This conference was a most satisfactory one, and the result was a competition for this great public building conducted in a manner which was eminently judicious, and which bids fair to add one more to our great and beautiful monuments. And recently the Capitol Board has sent its thanks to the committee of the Institute whose members advised with them. Certainly all our thanks are due to these enlightened gentlemen for the aid they have given to good art, and for the example they furnished to our whole country. And this is only one—the most prominent it is true—of many such incidents in affairs great and small, which go to prove that after all our countrymen are broadminded and patriotic and only need to have the truth shown them.

"Unfortunately we have to record one experience of a quite different nature. The Tarsney Act, authorizing the designing of our Government buildings by architects, has been repealed; and for the moment these great monuments of our country have been handed over to an official factory, to be turned out by the yard; for whatever the talent and the ability of the Supervising Architect of the Treasury, this is what must of necessity result. Nothing of this sort has ever happened in any civi-

lized country, so far as I know, unless our own unhappy experiment of years ago may be considered an exception. It is quite unnecessary for me to speak of the so-called arguments which were employed in urging this repeal—the plea of an economy which has we believe been shown not to exist, and certain others which displayed such an almost ludicrous ignorance of the whole subject, that we can but shrug our shoulders and say with Figaro, that we hasten to laugh, lest we be obliged to weep. But if any of our special guests of this year—sculptors, painters or authors—are unacquainted with them, we hope they will without delay read certain of the official documents which have been published, for they will find them most delectable. And they will certainly appreciate the logical sequence of this repeal—the establishment shortly of a special department of the Government for the manufacture of all sculpture and decorative paintings, followed rapidly by still another, whose duty shall be to turn out all odes, sonnets or lyric verse which may be needed to celebrate the achievements of our enlightened Republic.

However, we are hopeful and optimistic; we have faith in the sober second thoughts of our representatives in Congress; and we look forward with confidence to legislation in the near future which will not simply re-enact the Tarsney Act—for it had its imperfections—but will give us something even better for our country and its art.

"All of our experiences, be they victories or defeats, only serve to accentuate the need of which I have already spoken—the need to do all we can to enlighten our fellow-citizens in those matters which are our special province; to awaken their interest and better their understanding of what we do and how we do it. And the Institute during the past year has given its best attention to this subject. It has established its own special organ in the Journal; the first number of which is before you, and for which I bespeak your earnest support and its new Committee on Public Information has done good and faithful work, which will I feel assured result in much good.

"And here I wish to thank the earnest and hardworking members of the various committees to whom the affairs of the Institute have been entrusted, and to whom all of us are so much indebted. Nothing has more impressed me than the disinterested devotion to our common cause of so many busy men, who have willingly sacrificed for it their time and given to it their best service. I trust all our members will realize this, and that all will be eager and willing to add their own efforts whenever the occasion demands it. Our growing influence and power in the community rest upon this

—that we all work together for the good cause.

"As for the architectural work of our country and our time, to which we are devoting our lives, it moves on apace. Every day sees new and important buildings, and we admire and blame and criticize as the mood is upon us. It is very hard for us, who are so much in the thick of the battle, to see clearly and to give any calm-minded judgment upon it as a whole. But within a few months I have had the good fortune to talk with two fellow-architects of acknowledged eminence from across the water. Their verdict was one of enthusiastic praise for our achievements; and they made comparisons between what we are doing here, and what is done in other countries, which were most flattering to us. So I think we are justified in some self-congratulation."

Report of Committee on President's Address Made to and Approved by the 46th Annual Convention.

The President in his address makes the comment that the significant fact in the history of the Institute is the constantly increasing interest of its members in its aims and aspirations, and the constantly increasing unity in their views as to the best means of attaining these. The status of the architectural profession is still ill-defined in many parts of the United States. The issues with which the architects have had to reckon are complex and are rooted in stubborn conditions. Environments most various have wrought upon the ideas and the ideals of the architects themselves. It would be difficult to exaggerate the untoward character of some of these environments. Some of us—perhaps most of us—have been so closely involved in puzzling and trying situations that we have failed to see the entire field in its perspective and some of us have been prone to take a somewhat pessimistic view of the immediate outlook for the profession. It is therefore a cause for congratulation to the Institute that its president, a man of wide experience, high ideals, and singularly temperate mind, has been enabled, amid all the perplexing questions with which the Board has had to deal, so to preserve his sense of proportion and his wise optimism that he can deliberately affirm the constantly increasing interest of the members in the aims and aspirations of the Institute and, through all the divergencies of opinions, can note a constantly increasing unity in the views of the members as to the best means of carrying out the high purpose of the Institute.

Your committee believes that the President stands on firm ground when he asserts that, during the past year, marked progress has been made in ed-

menting the public toward a correct understanding of what we seek. But in this connection your committee cannot forbear to lay still further emphasis on the fundamental truth—that a genuine solidarity of opinion in the profession itself as to professional ideals is an indispensable pre-requisite to a proper recognition of status in the eyes of the public. The architects must themselves analyze and decide questions of ethics as between one another and as between themselves and the public with dispassionate forethought and with an eye single to the highest interest of the profession and the entire community. The first step toward the education of the community by the architects must be the education of the architects themselves.

The pulse of mind of your president is equally in evidence in his reference to the repeal of the Tarsney Act, which he treats as a disagreeable episode to be viewed philosophically rather than as a tragic finality calling for fierce invective. Viewed largely, man and his government and his institutions are but a passing show; and, if the tides of a democracy are sometimes destructive, we do well to remind ourselves that only in a society capable of change is there the possibility of progress. A generation of new lawmakers—like a generation of new children—has newly to be educated. The Institute's work is cut out for it. It hardly requires that we recommend a resolution instructing the president and the Board of Directors to take action in the premises. We venture to usurp the authority of this convention and to advise the president and the Board of Directors that it is the sense of the Institute that the President and the Board of Directors should, at the earliest time, take steps to prepare or cause to be prepared and, in due time, to submit to the proper congressional committee a bill for an act that shall not only replace the Tarsney Act but shall—as our president has said—"give us something even better for our country and its art."

Respectfully submitted,
THOMAS M. KELLOGG,
H. VAN BUREN MOGONIGLE,
ALLAN B. POND,

Chairman.

CORPORATION CHECK EXHIBITED IN DEMAND OF SOUTHERN PACIFIC AND UNITED RAILWAYS.

By Chas. K. McChutey in Sacramento Bee.

CHICAGO, January 9.—I was reading a number of things in various Bees the other evening, and I fell to wondering.

I wondered what the thinking people of California ten years from now would think of the alleged thinking people of the California of today.

What set me to thinking was the account of the supposedly important and insolent manner in which William Spruille, President of the Southern Pacific, and Patrick Calhoun, President of the United Railroads, had spoken of and to the Railroad Commission of that State.

And I rejoiced to find that John M. Eschleman, President of the Railroad Commission, had answered that impertinence and that insolence in a befitting manner.

What Brazen Threats Are These?

Have the voters of California paused to consider the insufferable cheek of these would-be dictators of the State—these mount-piecers of corporations which have controlled the State politically for years to the degradation of the State, and which now threaten political annihilation to all who dare stand in their path.

Do the People of California really understand it these men in so many words have told the Railroad Commission—the only one in the history of the State that ever was anything better than a tool of the Southern Pacific—that if its members dare to continue to legislate for The People and against the grinding exactions of the corporations, these corporations will make it their business to crush every honest man in any administrative office who stands in their pathway?

Influencing Some Employees.

Not only have they declared that, but the Southern Pacific has done more: It has induced some of its employees to appear before the Railroad Commission and threaten that body that the trainmen on the road would organize politically against the members of the Railroad Commission if that body did not stop bothering the company.

In plain English, the Southern Pacific avers it will raise again its pirate flag, and it will have a political organization of its employees to help it (make every official) walk the gangplank who does not knuckle down to its desires.

Eschleman's Manly Answer.

Chairman Eschleman has answered this arrogant insolence in fitting terms. He has demonstrated that the regulation of railroads in California by the People have been saved \$2,000,000 did not prevent the Southern Pacific in the last year making \$199,611 more than it did in the year preceding.

And he has shown also what a contemptible thing it is for the Southern Pacific to try to drum its employees into making the work of an honest Railroad Commission, in order that the State may be placed again at the mercy of Herrin's official lackeys—and all under the stale and lying pretense that honesty to The People means so much loss to the corporation that it will have to reduce wages in order to pay its way.

Calhoun's Brazen Insolence.

It would be inconceivable that insolence could go farther, were it not for the fact that Patrick Calhoun, President of the United Railroads, also took a hand at insulting and threatening the Commission.

Mr. Patrick Calhoun lives in San Francisco and not in San Quentin, not by reason of any righteous justice in the matter, but only because the Goddess with the 8 tails was cross-eyed if not blind when she selected Abraham Ruef as a victim instead of his employer.

The Boughten Mr. Calhoun.

The money value of this wholesale slaver by the prostitution of public officials applied on behalf of the United Railroads for permission from the Railroad Commission to issue five-year serial notes to the amount of \$5,000,000 to retire existing bonds of a part of its system.

The Commission declined to see the

United Railroad's books and accounts and records, in order to determine whether the permission should be granted. Calhoun not refused to allow the Commission to see any books, but he did so in an insolent and threatening speech. In a pompous and arrogant manner he talked about personal and property and sacred rights, and declared:

"It is better to face the rising sun at turn to the night that has passed, with all its noxious vapors, and to the animals and beasts of prey that skulk in the darkness."

The Calhoun Luck.

If Patrick Calhoun had any sense of the eternal fitness of things he would spend the remainder of his days in assisting the citizens of California to forget his crimes—not in forcing recollection thereof by his bitter assaults upon honest public officials.

It is extremely lucky for Patrick Calhoun that the night that has passed as well as the nights that are here, did not and do not see him entering out his heart in a State prison cell.

Are There Similar Entries?

Can it be that his indignation at the request of the Railroad Commission to examine the books of the United Railroads was all because of a guilty conscience?

Can it be that there are other entries in these books of a similarly illuminative character to that of over \$300,000 drawn by Patrick Calhoun for "special services."

Calhoun's Unclean Hands.

No matter what may be said of the Southern Pacific in this matter, at least William Spruille—so far as anybody knows—comes before the Commission with clean hands, even if in an insolent manner. Personally he is a very likable man.

But not all the perfumes of Arabia could cleanse the hands of Patrick Calhoun—the hand which directed the payment of the money which bribed the Supervisors of San Francisco—the hand which manipulated the scheme for which his brother plotter languishes in San Quentin—the hand which directed his general counsel to pay that money over to Abraham Ruef.

They Want to Breek Johnson.

This combination of the Southern Pacific and the United Railroads is no thing so much at the Railroad Commission as it is at the entire administration of Governor Hiram W. Johnson.

The powers that have been are anxious to be again. They seek to wreck politically the man who promised to kick Herrin and the Southern Pacific out of the government of California if he were elected Governor and who kept that promise.

Reiteration Sometimes Helping.

I am aware that in the writing to the citizens of California, I am but repeating, but diving into their ears that with which already they are perfectly familiar.

But iteration and iteration and "I named reiteration" is not a bad thing, sometimes, when the purpose is to cause the public indignation upon some particularly odious public offense.

Wanda That Same Thought.

And if anything more shameful has occurred in California in years than

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the open threat of the Southern Pacific and the United Railroads to pull the members of the Railroad Commission politically if they do not desist from doing their duty by The People, then I fail to remember what it was.

And again I am thinking what the thinking people of ten years from now will think of the complacency of the alleged thinking people of the California of today under the brazen impudence and arrogant threats of the Southern Pacific and United Railroads.

PIKES PEAK NOT THE HIGHEST.

What is the highest mountain in Colorado? "Pikes Peak," nineteen persons out of twenty will answer, and incorrectly. The twentieth may know that the two highest mountains in the State are Mount Massive and Mount Elbert, both in Lake County, in the Leadville district. The altitude of each of these mountains, according to the United States Geological Survey, is 14,402 feet above sea level. The height of Pikes Peak is 14,108 feet. Moreover, there are fifty or sixty other peaks in Colorado approximately as high—over 14,000 feet. The lowest point in Colorado is 3,350 feet above sea level. Of all the States Colorado has the highest average altitude, estimated by the Geological Survey at 6,800 feet.

Although not the highest mountain, Pikes Peak is probably the best known peak in the United States. There was at one time a Weather Bureau station on its summit, and it now has a substantial railway station at the terminus of the highest railway line in North America. It can also be reached by an excellent wagon road and trail which connect the summit with Colorado Springs.

WASTE CONNECTIONS THAT DO THE WORK.

The "Forster" Closet Waste Connections are the latest, simplest and most sanitary waste connections on the market. The peculiar feature of the "Forster" Waste Connections is the groove, which prevents the packing from spreading, thus making the joint absolutely sanitary. The "Forster" Waste Connections ARE THE BEST. For sale at all dealers.

CHICAGO NEAR FAILURE.

CHICAGO, Jan. 17.—Mayor Harrison told a committee of aldermen and citizens that Chicago would find itself in bankruptcy soon unless the legislature gives financial relief.

Firms desiring news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO.—Apartment house 6 story and base, brick and steel, \$125,000. Are feet, C. T. Ryland, 357 Polk St., S. F. Owners, L. Kingston Realty Co. Mr. Ryland has worked up only one-eighth scale drawings and the arrangement of the rooms, type of construction and all other details of the building have not been determined. Working drawings will be completed as rapidly as possible. Further information will be given as the plans progress. The building is to be erected on Sutter street west of Mason, and will have a frontage of 87 feet and a depth of 137½ feet.

SAN FRANCISCO.—Apartment house, 3 story and base, frame. Cost not stated. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected at the corner of 17th avenue and Lake street, and has been designed to contain six apartments of four rooms and bath each. The interior will be finished in pine, redwood and some hardwood. There will be a central heating system, wall beds and connecting baths. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO.—Apartment house, 6 story and base, reinforced concrete, \$55,000. Architect, David Salfeld, Clunie Bldg., S. F. Owner, Frank J. Klimm. This building has been mentioned here before when plans were first out for figures. It has been found necessary to revise the drawings to some extent and new figures will be called for shortly. The building will be arranged for several stores on the first floor and a large number of two and three room suites on the upper five floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine and redwood. All suites will have wall beds and private bath room. The exterior of the building will be faced with cement plaster.

SAN FRANCISCO.—Apartment house, 5 story and base, reinforced concrete, \$75,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on Bush street and will have a frontage of 50 feet and a depth of 137½ feet. Interior will be arranged for ninety rooms, which will be divided into two and three room suites with private baths and separate entrances. There will be steam heat, elevator service and a vacuum cleaning system. Wall beds will be used throughout. Bath rooms will be finished in tile. The exterior of the building will be faced with white cement plaster. Plans are now being prepared.

SAN FRANCISCO.—Apartment house, 6 story and base, brick and steel, \$70,000. Architects, Miller & Chalmers, Lick Bldg., S. F. Owners, S. C. and S. G. Buckbee. This building will be erected on Jones street and has been

described in these columns before. The working drawings are now nearly complete and will go out for figures within a few days. The building will have a street frontage of 60 feet and a depth of 120 feet. Upper floors will be arranged in suites of two and three rooms with connecting baths. All apartments will have wall beds. There will be steam heat, elevator service and a vacuum cleaning system. The exterior will be faced with pressed brick.

SAN FRANCISCO.—Apartment house, 5 story and base, Class C construction, \$125,000. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, Patrick J. Garland. The building is to be erected at the corner of Geary and Larkin streets, and will contain in the neighborhood of 120 rooms, which will be arranged in suites of two and three rooms each. All apartments will have wall beds and private baths. Interior will be finished in pine, redwood and hardwood. Bath rooms will have cement floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within a few days.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$25,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Mrs. Adelaide Welder. The building is to be erected on Castro street, near 14th, and will contain 18 suites of two and three rooms each. There will be steam heat and a vacuum cleaning system. All apartments will have connecting baths and wall beds. Interior finish will be of pine and redwood with some hardwood. Bath rooms will be finished in tile. Entrance lobby will be wainscoted with tile and have marble steps. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architects.

LOS ANGELES, CAL.—Apartment house, 5 story and base, Class B construction, \$125,000. Architect, J. W. Calhoun, Mason Bldg., L. A. Owner, A. L. Hill. The building will cover an area of 96x148 feet. Plans provide for a total of 183 guest rooms, which will be arranged in two, three and four room suites with baths and wall beds. There will also be a large lobby, amusement room, ball room, billiard room and ladies' parlor. Steam heat, automatic elevators and a vacuum cleaning system will be installed. Interior will be finished in pine and mahogany. Considerable tile and marble will be used. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

LOS ANGELES, CAL.—Apartment house, Class A construction. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owner, P. L. Auten. The building will be of the reinforced concrete type and will contain 228 rooms, which will be arranged in

large suites of from four to six rooms each. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile with composition floors. There will be steam heat, elevator service, wall beds and a vacuum cleaning system. Construction will be fireproof with metal window sash and frames and hollow tile interior partitions. The exterior will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL. — Apartment house, 4 story and base, brick. Cost not stated. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, H. V. Bard. The building will be 50x140 feet and will contain 108 rooms, arranged in two and three room suites. All suites will have connecting baths and wall beds. Interior finish will be of pine. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 3 story and base, frame. Cost not stated. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, C. J. Christie. The building will be 50x121 feet, and will contain 72 rooms, arranged in two and three room suites with wall beds and private bath rooms. There will be steam heat and a hot water heating system. Interior finish will be of pine, redwood and some oak. Bath rooms will have tile walls and composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are in the course of preparation.

OCEAN PARK, LOS ANGELES CO., CAL. — Apartment house, 4 story and base, brick, \$10,000. Architects, Ye Planry Building Co., Title Insurance Bldg., L. A. Owners, Hoyt Bros. The building will contain 55 rooms, arranged in suites of two and three rooms each with private bath and wall beds. Interior finish will be of pine and redwood. There will be steam heat. Hot and cold water will be supplied to all rooms. Bath rooms will have composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 3 story and base, brick. Cost not stated. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, S. L. Weintraus. The building will cover an area of 50x90 feet and is to contain 51 rooms besides the lobby, amusement room and parlors. Suites will consist of two and three rooms each. There will be wall beds and private baths. Steam heat and elevators will be installed. Interior finish will be of pine, redwood and oak. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

SALEM, ORE. — Apartment house, 2 story and base, brick, \$30,000. Architect, Fred A. Legg, Salon. Owner, A. Hofer. The building is to be 75x120 feet and will contain a number of two, three and four room suites. There will be wall beds and connecting baths. Either steam or hot water heating system will be installed. The exterior will be faced with pressed brick. Interior partitions will be of tile. Interior finish is to be of pine and redwood

with some oak. Plans are being prepared.

Contracts Awarded.

VENICE, LOS ANGELES CO., CAL. — Apartment house, 3 story and base, brick, \$10,000. Architect's name not given. Owners, D. D. Smith and J. P. Mitchell. Contractors, Fireproof Construction Co., Venice. Contract price, \$10,000.

LONG BEACH, LOS ANGELES CO., CAL. — Apartment house, 3 story and base, brick, \$18,775. Architects, Austin & Lochridge, 18 Locust Ave., Long Beach. Owner, N. W. Ward. Contractor, J. W. Davidson, 325 Walnut St., Long Beach. Contract price, \$18,775. Note: This contract does not include the wall beds.

BANKS.

OAKLAND, CAL. — Bank addition, 1 story to 12 story Class A building. Cost not stated. Architect, L. B. Dutton, Chronicle Bldg., S. F. Owners First National Bank of Oakland. Preliminary plans are being prepared for an addition of one story to the present Class A building. This floor, like all of the upper stories, will be arranged for modern offices. Elevator service and steam heat will be extended, and the new portion of the building will be made identical with the rest of the structure. Plans are being prepared.

Contracts Awarded.

LODI, SAN JOAQUIN CO., CAL. — Bank, 1 story and base, reinforced concrete, \$25,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, Bank of Lodi. Contractor, general construction, Lucas, \$31,975; plumbing, Henderson & Co., \$3,412.50; heating and ventilating, Gnekow, \$2,696. For a complete list of figures presented see under Sacramento, Stockton and Northern California in this issue.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO — Apparatus for freight slips. Cost not stated. Engineer, Director of Works, Exposition Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications have been completed for the hydraulic plant to be installed to operate the freight slip aprons at the new dock on the Harbor View site. Bids will be opened on January 28th. The official proposals appears in this issue.

TACOMA, WASH. — Dock and warehouse, concrete and frame construction, \$200,000. Engineer, City Engineer, Tacoma. Owners, City of Tacoma. Commissioner of Works Owen Woods states that plans for this work are complete and that figures on the construction will be called for within a short time. The dock and warehouse are the first of several large municipal improvements to be made in Tacoma.

TACOMA, WASH. — Bridge, steel construction \$250,000. Engineer, Engineering Dept., Oregon-Washington Railroad and Navigation Co., M. B. Pajer, Supt., Tacoma. This company has recently announced their intention of constructing a large steel bridge on the tide water flats in Tacoma. Full particulars can be secured from Supt. Bayar.

MONROVIA, LOS ANGELES CO., CAL. — Bridge, concrete and steel. Cost not stated. Engineer, City Engineer, Monrovia. Owners, Towns of Monrovia and Arcadia. These two neighboring towns have instructed the City Engineers to prepare plans and specifications at once for a bridge to connect the two towns. None of the particulars have been published as yet.

PHOENIX, ARIZ. — Bridges, 2, steel and concrete, \$70,000. Engineer's name not given. Owners, San Carlos Indian Reservation. Congressman Carl Hayden has secured an appropriation of the above amount for the construction of two bridges and the Interior Department has ordered plans and specifications prepared.

CHURCHES.

TACOMA, WASH. — Church, 2 story and base, brick and concrete, \$50,000. Architect, R. E. Borhek, Savage-Scotfield Bldg., Tacoma. Owners, Pilgrim Congregational Church. The building will be erected on a corner site and is to be designed in the classic style of architecture. There will be a large main auditorium besides several Sunday school rooms, pastor's study, social rooms and parlors. There will be a central heating system. Interior finish will be of pine and ornamental plaster. The exterior will be faced with cement plaster. Plans are being prepared.

SPOKANE, WASH. — Church, 2 story and base, brick and concrete, \$40,000. Architect's name not given. Owner, Emmanuel Baptist Church. Plans and specifications are complete and figures are being taken by the Building Committee for the construction of this work. The building will contain besides a large main auditorium, Sunday school rooms, pastor's study, social hall and parlors. There will be steam heat and a modern system of ventilation. Interior will be finished in pine and ornamental plaster. The exterior of the building will be faced with cement plaster.

SEATTLE, WASH. — Church, 2 story and base, brick and concrete, \$50,000. Architect, David J. Myers, Central Bldg., Seattle. Owners, Westminster Presbyterian Church. The architect states that while plans and specifications for this work are complete construction has been postponed until spring. This action was taken by the members of the Building Committee in order that a contract for the entire structure might be let and that funds would be available.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL. — Church, 1 story and base, brick. Cost not stated. Architects, Metcalf & Davies, Long Beach Bank Bldg., Long Beach. Owners, First Brethren Church. Contractors, Long Beach Brick Co., Sevins and Ximeno Sts., Long Beach. Contract price not stated.

FACTORIES & WAREHOUSES.

LONG BEACH, LOS ANGELES CO., CAL. — Warehouse, 1 story and base, reinforced concrete, \$30,000. Architect, George Harding, Citizens' National Bank Bldg., L. A. Owner, City Transfer, Van and Storage Co. The building will be 50x125 feet and fireproof throughout. There will be concrete

doors, metal window sash and frames and underwriters' doors. Freight elevators will be installed. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Warehouse, 1 story, reinforced concrete and steel. Cost not stated. Architect's name not given. Owners, Outer Harbor Dock and Wharf Co., Union Oil Bldg., L. A. The building will be 105 feet wide and 377 feet long. Construction throughout will be fireproof. Pile foundation is now being driven and the balance of the construction will follow at once. Work is being carried on under the personal direction of the owners, and full particulars can be secured from them.

FIRE HOUSES AND JAILS.

HOLLYWOOD, LOS ANGELES CO., CAL.—Fire and police department building, 2 story and base, brick, \$40,000. Architect, J. J. Backus. City Hall Bldg., L. A. Owners, City of Hollywood. The building will contain the offices of the department heads. There will be a central heating system, pine interior trim and modern plumbing. The exterior will be faced with pressed brick. Plans have received the approval of the Police and Fire Commissioners and the Art Commission. Bids will be taken by Mr. Backus for all parts of the work.

GARAGES.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, none. Owner, Mark G. Jones, Merchants' Trust Bldg., L. A. The building is to be erected on the site of an old residence on Flower street near 10th, and will be designed for a commercial garage. Mr. Jones has not selected an architect and no details of the building have been determined. Full particulars will be given in these columns as the plans progress.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, none. Owner, W. L. Riley, 210 S. Fremont St., L. A. The building will be erected on West Second street, and is to cover an area of 74x135 feet. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. The exterior of the building will be faced with pressed brick. The owner is preparing the plans and the work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

New Army Construction.

The army officers who have to do with the construction of barracks and quarters at army posts in the United States and in the Philippines have been much handicapped by lack of funds, and that situation is not likely to be improved by any action of Congress during the present session. The estimate has been cut to the bone. Of the total estimate of \$1,697,500 only \$270,000 is for new construction in this country, this being for work at Fort Slocum, Fort Sill, Fort Huachuca, Presidio of San Francisco, Fort Bliss, Fort Sam Houston, Fort Logan, Fort Mc-

Pherson and Governors Island. At the last named place it is proposed to construct a hangar for the new army hydro airplane at a cost of \$7,500. A part of the expense on this item will go for the shelter of troops in China, where the rates are considered high as compared with the rates in this country. For the Philippines it is hoped to obtain an appropriation of \$500,000, of which \$320,000 is for new construction of buildings for the permanent posts of Stotsenberg and McKinley and other places. It has been found that the earlier construction was inadequate, and it is now proposed to replace the nipa buildings with those of concrete construction, which will withstand the ravages of the insects and resist the effects of the typhoons.

Isthmian Canal Dry Dock.

The Navy Department is interested in the plans for a dry dock for use in connection with the operation of the Isthmian Canal. Colonel Goethals appeared before the House committee on appropriations at the last session and urged authorization for the construction of a dry dock and permanent docks and shops. He stated that this construction could be undertaken without increasing the total estimated appropriations for the construction of the canal. The main dry dock will be situated at Balboa on the Pacific side and will be capable of accommodating any vessel that can pass through the canal locks. It will have a length of 1,000 feet and a width of 110 feet and will be of the same size as the Pearl Harbor dry dock. The dry dock at Balboa will have a rock foundation and its sides will be lined with concrete. A similar auxiliary dry dock will also be built there. The Navy Department will be able to make use of the large dock, which has been designed and constructed to meet the requirements of the navy. The estimated cost of the dry dock will be \$1,719,000, while the total cost of the construction of the terminals, including wharves, shops, etc., will be \$1,658,000.

Puget Sound Navy Yard, Officers' Quarters.

The contract for the construction of two officers' quarters at the navy yard, Puget Sound, Wash., has been awarded to Carlson & Son, Seattle, Wash., at \$13,484.60.

Pearl Harbor, Magazine Buildings.

No action has yet been taken regarding the award of contract for constructing five magazine buildings at the naval training station, Pearl Harbor, H. T., bids for which were opened December 21st.

Building, Puget Sound, Wash.

The chief of the bureau of yards and docks, Navy Department, is calling for bids to be opened February 15th for the construction of one frame house at the naval magazine, Puget Sound, Wash. The structure is to be two stories and attic, with brick foundations, complete with hot water heating, plumbing, and electric wiring. The building is to be 12x28 feet.

Pearl Harbor, Structural Steel.

The contract for furnishing structural steel, etc., for pump well at the

naval station, Pearl Harbor, H. T., bids for which were opened December 28th, has been awarded to the Ritter-Conley Mfg. Co., Pittsburgh, Pa., at \$9,075.

Indian School Building.

The following bids were received by the Commissioner of Indian Affairs, Department of the Interior, Washington, D. C., on January 14th for the construction of a frame day school building for the Likely Day School, Cal.:

J. A. Blunt, Fort Bidwell, Cal., \$4,875, 180 days.

W. D. Lovell, Minneapolis, Minn., \$6,000; 100 days.

John Plato, Hemet, Riverside Co., Cal., \$6,985; 180 days.

Thomas Enson & H. P. Wood, Alturas, Cal., \$7,000.

Building, Fort D. A. Russell.

The following is schedule of the bids received at the office of the constructing quartermaster, Fort D. A. Russell, Wyo., on November 25, 1912, and December 18, 1912, respectively, for the construction of railroad spur, sidings, track scale, and scale house:

Item 1, bids received under original plans and specifications November 25; 2, bids received under modified plans and specifications December 18.

Union Pacific Railroad Co., Omaha, Neb., item 1, \$66,564.11.

R. N. La Fontaine, Cheyenne, Wyo., for scales only, item 1, Fairbanks, \$3,330; Strait, \$3,066.75; Howe, \$3,176.75; item 2, \$3,145; \$2,775, and \$2,991. For scale house, item 1, \$365; 2, \$350.35.

Hastings, Young & Dumm, Cheyenne, Wyo., item 1, \$68,900; 2, \$46,000.

Colorado & Southern Railway Co., Denver, Colo., item 1, \$72,000; 2, \$51,012.50.

Howard & Wood, Cheyenne, Wyo., item 2, \$48,200.

All bids received on November 25 were rejected by the chief, quartermaster corps, U. S. Army, by his office letter No. 38758, dated December 7, 1912, which letter also directed that steps be taken to readvertise the work for approximately five days—December 13 to December 18.

Under letting of December 18 the bid submitted by Messrs. Hastings, Young & Dumm, being the lowest bid received for the work complete, including installation of the "Strait" scale, and making a reduction of \$500 for the privilege of using "so-so A. S. C. E. section open-hearth rails," the chief of the quartermaster corps, U. S. Army, awarded the contract to that firm at total cost to the United States of \$46,100.

Philippine Construction Difficulties.

The War Department has received from the Philippines the plans for permanent construction, including concrete barracks, quarters, and stables, for the colonial army, consisting of four regiments of infantry, two regiments of cavalry, one regiment of field artillery, and auxiliary troops. The cost will be about \$200,000, exclusive of administration, storage, power plants, etc. To this, however, must be added the cost of storehouses and other buildings for the military establishment on the Luneta hill to replace the present structures, the cost of which will be \$2,000,000, making a total that

will be required to permanently house and provide for the colonial army of from \$8,000,000 to \$10,000,000. Work to the extent of \$1,000,000 only can be handled in the course of a year, owing to the labor and other existing conditions in the Philippines. There are many obstacles which the quartermasters find very trying. The supply of skilled labor and suitable foremen is far short of the demand, consequently it is usually necessary to pay a high price for inferior men. If every other condition were favorable this alone would constitute a serious handicap. New men cannot be imported as continuous employment cannot be guaranteed, and new men are of little value, because if they understand their business they cannot communicate their ideas to the native laborer, skilled or otherwise. The price is cheap, but the quality is correspondingly poor, and during considerable portions of the year the supply is also far short of the demand. Many features of Filipino labor, too numerous to mention, lead to the conclusion that it is not nearly so cheap as it looks on paper; in fact, its drawbacks make it practically as expensive as labor in the United States. Due to the undeveloped state of the country and the great distance from manufacturing materials are not cheap. Steel and cement must be brought from afar; stone (even for concrete work) is usually inaccessible and above the average cost in the United States; sand is about normal; hardware, plumbing, etc., must add cost of transportation to their original prices, and even the native woods, which are the only ones suitable for use there, cost from \$100 to \$150 per M in the market. None of the above items can be obtained in large quantities in even a reasonable short time, so that it requires watchfulness and foresight to avoid running out of materials and entailing the annoyance and money loss due to cessation of work.

Submarine Testing Dock.

One of the interesting recommendations made by the naval general board and submitted to Congress is that for a testing and wrecking dock that may be used for salving submarines of any size, docking submarines, and testing to determine resistance to external water pressure. It has been figured out that two docks of this description will ultimately be required for the Atlantic and one each for the Pacific coast, Hawaii, Panama, Guam, and the Philippines. There is great need of such docks in view of the increasing number of submarines and the age of some of the older vessels of that class. The plans of the Navy Department for this structure contemplate the building of a large cylinder which can be filled with water. Into this the submarine is placed and subjected to any degree of pressure, accomplishing the same results as sinking the submarine for 200 feet below the surface. This country was the first to exact this practical demonstration of the resistance of submarines to water pressure at great depth. Now all the nations have added that requirement to their contracts for submarine boats. The dock which it is proposed to build is similar to an Italian structure.

Electrical Transmission Line.

A committee has been appointed by the chairman of the Isthmian Canal Commission to:

1. Review the plans for the proposed high-tension power-transmission line across the isthmus.
2. Consider the various features of the telephone and telegraph cables, the possible disturbance to signal system, the probability of the future electrification of the Panama Railroad, and to
3. Make recommendations relative to the best and most economical construction to be employed for all the different electrical conductors, all phases of the matter being taken into consideration, including any protection to electrical lines, and to guard against any possible attempts to cut communication in time of war.

The committee consists of Messrs. Edward Schildhauer, Lieut. F. Mears, Capt. W. H. Rose, C. P. Bleakley, W. H. Fenley, and W. R. McCann.

Reclamation Work.

The Secretary of the Interior has authorized the Reclamation Service to award the following contracts for the construction of about 46 miles of the Vandallia south canal, Milk River irrigation project, Mont.: To J. E. Hilton, of Billings, Mont., schedules 1 and 3, involving the excavation of approximately 533,550 cubic yards of material, contract price \$118,150. To Charles Wilhite, of Boise, Idaho, schedule 2, involving the excavation of about 302,550 cubic yards of material, contract price, \$51,700. The work is situated on the south side of Milk River adjacent to the main line of the Great Northern Railway and in the vicinity of Vandallia, Tampico, Glasgow, and Nashua, Mont.

Construction of Army Quarters.

The chief of the quartermaster corps has approved the tentative plans for the construction of army quarters in the United States at a cost of \$143,000.

The services to be performed under this item will be done by contract. With the sum estimated it is contemplated to construct the following quarters:

Fort Riley, Kans., 1 double captain's quarters, \$16,000.

Fort Sill, Okla., 1 set (5 set) bachelor's officers' quarters, \$31,000.

Fort Huachuca, Ariz., 1 double captain's quarters, \$8,000.

Presidio of San Francisco, Cal., 2 field officers' quarters, \$20,000.

Fort Bliss, Tex., 3 double company officers' quarters, \$48,000.

Fort Sam Houston, Tex., quarters for employees of pack train, \$1,000.

Fort McPherson, Cal., 1 double set officers' quarters, \$16,000.

All of the above amount will be required for new construction.

Estimate is \$7,869.80 in excess of the amount expended for this purpose for the fiscal year 1912.

All of the foregoing construction has been approved by the Secretary of War and will be included in the 1914 estimates.

The amounts estimated for the above quarters are the amounts estimated by this office as the probable cost of such construction.

During the fiscal year 1912 officers' quarters were constructed as follows:

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Schofield Barracks, Hawaii, officers' quarters, infantry post, \$86,000.

Schofield Barracks, Hawaii, flooring and framing tents, 1st infantry, \$10,000.20.

Fort Huachuca, Ariz., double set of officers' quarters, \$7,500.

Yosemite, Cal., 1 field officers' quarters, \$1,510.

Yosemite, Cal., 6 company officers' quarters, \$7,620.

Schofield Barracks, Hawaii, commencing construction of 5 field officers' quarters and 16 double officers' quarters, \$22,500.

For the fiscal year 1913 there was allotted \$206,000 to provide for construction of buildings under this item, as follows:

Fort Sheridan, Ill., teamsters' quarters, \$14,000.

Fort Huachuca, Ariz., 2 double sets of lieutenants' quarters, \$20,000.

Fort Huachuca, Ariz., double set of captain's quarters, \$12,000.

Limitation fixed by Congress for construction of officers' quarters in the United States: General's quarters, \$15,000; field officers' quarters, \$12,000; line officers' quarters, \$9,000.

Military Post at Fort Kamehameha.

The estimate submitted by the Secretary of War of \$158,500 for a coast artillery post in the Hawaiian Islands contains the following provision:

That the Secretary of War be and he is hereby authorized to establish on the military reservation at Fort Kamehameha a four company post for the accommodation of the coast artillery required to protect the naval base at Pearl Harbor on the island of Oahu, Hawaii: Provided, That a contract or contracts may be entered into by the Secretary of War for the construction of the necessary officers' quarters, barracks, administration building, dispensary with 12-bed emergency ward and operating room, guardhouse, and other necessary buildings, including their lighting and heating, water system, sewers, roads, and walks, to be paid for as appropriations may be from time to time he made by law not to exceed, in the aggregate, the sum of \$356,500, of which \$158,500 shall be immediately available.

Concerning this subject the report of the general staff is as follows:

The seacoast defenses protecting the naval base of Pearl Harbor, on the island of Oahu and located at the entrance to that harbor at the post of Kamehameha, are practically so far

completed as to require the presence at that post of the four companies of coast artillery troops which are to man and operate the defensive armament there located. These troops should be provided with shelter and stationed at the post at the earliest practicable date, not only to care for this armament, but to operate it in case of need.

The delay in estimating for the construction of this post has been due to a discussion of the question whether certain shallow ponds in the vicinity of the site should be filled, at a cost of about \$100,000, before the construction of the buildings of the post is undertaken. This question having been decided by the Secretary of War in the negative—that is, he having reached the conclusion that, inasmuch as suitable ground for the location of the buildings as of the post is available, that shelter for the troops should first and as promptly as possible be provided and that the question of filling the ponds should be left for future consideration—the following estimate of the cost of construction of the complete post is submitted:

Four barracks at \$30,000.....	\$120,000
One field officer's quarters.....	8,000
Night company officers' quarters (married) at \$6,000.....	48,000
One building, four bachelor suites, with officers' mess and club room	14,000
One administration building.....	10,000
One dispensary with 12-bed emergency ward and operating room	15,000
One combined quartermaster and commissary storehouse.....	16,000
Two double sets noncommissioned staff officers' quarters	12,000
One guardhouse and one stable	20,000
One combined artillery, engineer, and ordnance storehouse	8,000
One wagon shed	1,500
Quarters for four civilian employees	12,000
One post exchange building.....	25,000
Crematory	5,000
Water system	8,000
Sewer system	7,000
Roads and walks	15,000
Electric light	12,000

Total\$356,500

The foregoing estimate, as stated, is for the post, complete, inasmuch, however, as the total amount probably cannot be obtained this year, it is recommended that an estimate for \$158,500, or sufficient to provide for the shelter of one-half of the garrison (two companies of coast artillery), be submitted to Congress in detail as follows, with a view to starting the construction of shelter for this necessary garrison at the earliest date practicable:

Two barracks	\$60,000
Four company officers' quarters	24,000
One administration building	10,000
One dispensary, etc.....	15,000
One combined quartermaster and commissary storehouse.....	16,000
One double set noncommissioned staff officers' quarters.....	6,000
One crematory	5,000
One stable	6,000
One wagon shed	1,500
Water system	8,000
Sewer system	7,000

Total\$158,500

HALLS AND SOCIETY BUILDINGS.

MODESTO, STANISLAUS CO., CAL.—Lodge hall, 3 story and base, brick, \$20,000. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owner, John S. Tully. The first floor of the building will contain stores and an entrance to the lodge hall. Upper floors have been leased to the Modesto Elks. Interior finish will be of pine throughout. Steam heat will be installed with an oil burning furnace. The exterior will be faced with pressed brick. Plans are now being prepared and will be completed as rapidly as possible.

ANAHEIM, ORANGE CO., CAL.—Lodge hall, 2 story and base, brick, \$30,000. Architect, Oscar Lagnan, Anaheim. Owners, Anaheim Masonic Temple Association. The building will cover an area of 90x125 feet. The first floor will be arranged for two stores. There will be a number of offices in the front portion of the second floor and lodge rooms in the rear. A central heating system will be installed. Interior finish will be of pine and oak. The exterior of the building will be faced with pressed brick. Plans have been approved and bids will probably be called for at the next meeting of the owners on January 20th.

PORT ANGELES, WASH.—Lodge hall, 3 story and base, brick, \$50,000. Architect, Julian Everett, Walker Bldg., Seattle. Owners, Port Angeles Elks' Hall Association. The building will be 80x100 feet. The first floor will contain stores and the upper two floors large and finely finished lodge rooms. There will be steam heating and elevator service. Interior finish will be of pine and hardwood. The exterior will be faced with pressed brick. Plans are complete and figures have been taken under advisement.

PORTLAND, ORE.—Auditorium, 2 story and base, Class A construction, \$100,000. Architect, Freedlander, New York. Owners, City of Portland. Mr. Freedlander has just returned to New York to complete the working drawings for this big structure, which will occupy an entire city block. The main auditorium will have a seating capacity of 16,000 people. In addition there will be a completely equipped kitchen, banquet room, smoking rooms and a ball room. Construction will be fireproof throughout. Auditorium floor is to be flat. Exterior will be faced with terra cotta. Bids will be called for in the spring.

HOSPITALS.

SAN FRANCISCO, Hospital, 1 story and base, reinforced concrete. Cost not stated. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, Union Iron Works. This building is a part of the program of improvement that the company has underway. The structure will be Class A in all respects, and will contain the most modern equipment throughout. Interior will be finished in pine, tile and hardwood. There will be a central heating system. The exterior will be faced with cement plaster. Plans are now being prepared.

LOS ANGELES, CAL., Hospital, 3 story and base, brick and concrete. Cost not stated. Architect, Frank L.

Stoff, Gro. Bldg., L. A. Owners, Westlake Hospital Association. The building will contain a number of wards both public and private. Foundations and bearing walls have been designed to carry three additional stories. There will be steam heat and elevator service. Interior finish will be of pine and hardwoods with all corridors finished in tile. The exterior will be faced with pressed brick. Roof will be of metal tile. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hospital addition, 1 story Class A construction. Cost not stated. Architects, Elsen & Son, Wilcox Bldg., L. A. Owners, Columbia Hospital. The addition will be of one story to a present four-story concrete building, and is designed for an operating pavilion. Construction will be Class A throughout. Similar additions are planned for the central building and the west wing. Bids will be called for at once on the addition above mentioned.

Contracts Awarded.

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete, \$15,000. Architects, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Contractor, James McLaughlin, 244 Kearny St., S. F. Contract price, \$16,960. Note: This work has been out for figures before and the same contractor was then low on the work. For a complete list of all figures presented see under San Francisco in this issue.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, Class C construction, \$75,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Charles C. Judson Co. This building will be erected on Ellis street, west of Mason, and will contain a total of over 120 rooms. Nearly all rooms will have private baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and oak with ornamental plaster in the lobby. The first floor will contain stores, lobby and hotel office. The exterior will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 3 story and base, brick. Cost not stated. Architect, Joseph Cohen, 45 Kearny St., S. F. Owners, Louis Friedman and Samuel Gerson. The building will be erected on Kearny street, near Washington, and has been arranged for stores on the first floor and about 30 guest rooms on the upper floors. The interior will be finished in pine and redwood. There will be hot and cold running water supplied to all rooms. The exterior will be faced with pressed brick. Plans are complete and figures are being taken.

OCEAN PARK, LOS ANGELES CO., CAL.—Hotel, 5 story and base, reinforced concrete. Cost not stated. Architect, Frank T. Keely, Consolidated Realty Bldg., L. A. Owners, Messrs. Simpson and Kramer. Construction will be Class A in all respects, with concrete floors and hollow tile interior partitions. There will be a total of 100 guest rooms and 66 baths. Steam heat, two elevators and a vacuum cleaning system will be installed. Interior finish will be of pine, red-

wood and some hardwood. Lobby, office and parlors will have ornamental plaster decoration. The exterior will be faced with cement plaster with the inlays. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick. Cost not stated. Architects, Hudson & Munsell, Stinson Bldg., L. A. Owner, Dr. W. T. Covington. The first floor will be arranged for stores and the upper floor for a number of single rooms. There will be several baths. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. The exterior will be faced with pressed brick. Plans are complete and ready for figures.

LOS ANGELES, CAL.—Hotel, 3 or 4 story and base, brick. Cost not stated. Architect, Frank M. Tyler, Hilberman Bldg., L. A. Owner, A. W. Ross. The building will be 47x140 feet. The first floor will contain the hotel lobby and several stores. Upper floors have been arranged for 27 guest rooms and 10 baths on each floor. Interior finish will be of pine and redwood. There will be steam heat and, if a four-story building is erected, an elevator. All rooms will be supplied with hot and cold running water. The stores will have patent fronts. The exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

SANTA MONICA, LOS ANGELES CO., CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, S. Tilden Norton, Title Insurance Bldg., L. A. Owners, Henry Klein and Adolf Schwartz. The building, which has been arranged for stores on the first floor, will be 46x90 feet. Upper three floors will contain a total of 30 rooms and 4 baths. Interior finish will be of pine. There will be steam heat and hot and cold running water. Metal window frames and sash will be used. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

PORTLAND, ORE.—Hotel, 4 story and base, brick, \$50,000. Architect, Robert F. Tegen, Sweetland Bldg., Portland. Owner, Alfred Parkhurst. The proposed structure is to be erected on a corner and will cover an area of 100x100 feet. The first floor will contain several stores and the entrance to the upper floors. A large number of single rooms and public and private baths will occupy the remainder of the building. Construction will be of the mill type. There will be steam heat, elevator service and hot and cold running water. The exterior will be faced with pressed brick. Plans are now being prepared.

SAN DIEGO, CAL.—Hotel, 3 story and base, brick, \$20,000. Architect, John S. Siebert, San Diego. Owner, R. W. Harris. The building will be erected on State street between D and E streets, and has been arranged for stores on the first floor and 10 guest rooms and 15 baths on the upper two floors. A central heating system will be installed. Interior finish will be of pine and redwood. The exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Hotel, 3 story and base, brick and steel, \$45,000. Architects, Kysor & Biggar, Wright and Cullender Bldg., L. A. Owners, Jos. Barnett and R. M. Moore. Contractor, C. J. Hargis, 653 Olive St., Long Beach. Contract price, \$45,000.

PORTLAND, ORE.—Hotel addition, 5 story and base, brick, \$45,000. Architects, Bennes & Hendricks, Portland. Owners, Golden West Hotel. Contractors, Bravton Engineering Co., Portland. Contract price, \$45,000.

RESIDENCES.

SAN FRANCISCO—Residences, 2 2 story and base, frame, \$7,250 each. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Matthew A. Little, 1347 4th avenue. Each of these houses will be designed to contain eight rooms and bath. Interior finish will be of pine, redwood and some hardwood. Floors will be of oak in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms are to be finished in tile with composition floors. Ruid water heaters will be installed. The exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, A. R. Lapham, 1853 McAllister St., S. F. The house will contain six rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be a large open fire place with tile mantel in the living room. Bath and kitchen will be finished in tile. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work is to be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, R. E. Seeger, 67 Bernal Ave., S. F. The house will contain six rooms and bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be an open fire place and brick mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the house will be covered with shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Theo. S. Boelm, Hayes Bldg., S. F. Owners, Pockman Building Co., Mills Bldg. The house has been designed for an eight-room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Emil Rudland, 3162 Clement St., S. F. The house will contain seven

rooms and bath. All interior finish will be of either pine or redwood. Hardwood floors will be used in the principal rooms. Open fire places are to be installed in the living and dining rooms. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, O. E. Evans, 2104 Mission St., S. F. Owner, James Welsh. This house has been designed for a seven-room dwelling with bath. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places with tile or brick mantels. The exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Bungalows, 2, 1 story and base, frame, \$3,000 each. Architect, none. Owners, Becker and Eliel, 1762 Broadway, Oakland. These houses will contain six and seven rooms, bath and sleeping porches. Interior finish will be of pine, redwood and some oak. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the kitchens and bath rooms. The exteriors will be covered with cement plaster on metal lath. Plans are to be completed at once and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Oakland Building Co., Security Bank Bldg., Oakland. The house has been designed to contain eight rooms, bath and sleeping porch. Interior finish will be of pine, redwood and oak. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$9,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be erected in Adams Point and will contain in the neighborhood of ten rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwood with oak floors in the principal rooms. There will be a central heating system and automatic water heaters installed. The bath rooms will be finished in tile. There will be open fire places and brick and tile mantels. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, C. W. Dickey, Central Bank Bldg., Oakland. Owner, Irving H. Kahn. The dwelling will contain seven rooms, bath and sleeping porch. A garage will be erected on the rear of the same lot. Interior finish will be of pine with some hardwoods.

infenced concrete school building to be erected in the city of Portland. The second unit will contain six class rooms. Construction will be identical with that of the present building. Plans are complete and bids will be called for on January 22nd.

RONITO INDIAN SCHOOL, NEW MEXICO.—School, 2 story and base, brick. Cost not stated. Architect, Dept. of Interior, Washington, D. C. Owners, United States Government. Plans and specifications can be secured from the Interior Department at Washington, D. C., for the construction of this building. Bids will be opened in Washington, D. C., on February 12th.

Contracts Awarded.

SANTA ANA, ORANGE CO., CAL.—Schools, 2, 1 story and base, brick and concrete, \$10,000 and \$35,000. Architects, Wilkey & Davies, Story Bldg., L. A. Owners, Santa Ana Polytechnic High School District. Contract for the Manual Arts building was awarded to George C. Condon, Home Bldg., Santa Ana. Contract price, \$40,724; and the contract for the Fine Arts building was awarded to David Irvine, 1209 West 36th St., Santa Ana. Contract price, \$26,000.

CORONADO BEACH, SAN DIEGO CO., CAL.—School, 2 story and base, brick and steel, \$65,000. Architects, Quayle Bros. & Cressey, Savoy Theatre Bldg., San Diego. Owners, Coronado Beach School District. Contractors, Wuester Construction Co., Coronado Beach. Contract price, \$64,800. Note: This contract does not include plumbing, heating or composition roofing.

SEWERS, STREET WORK AND WATER SYSTEMS

SAN FRANCISCO.—Power station, 1 story and base, reinforced concrete, \$15,000. Engineers, Engineering Dept. Pacific Gas and Electric Co., 445 Sutter St., S. F. Owners, Pacific Gas and Electric Co. This building will be erected on Mechanic Place near Post street, and is designed for a steam plant. There will be a cement floor and metal window sash and frames. The exterior will be faced with cement plaster. Bids will be taken by the Purchasing Dept. of the Pacific Gas and Electric Co.

RIVERSIDE, RIVERSIDE CO., CAL.—Municipal water system, \$1,600,000. Engineer, City Engineer, Riverside. Owners, City of Riverside. Bonds to the amount above mentioned were recently voted to purchase the present water supply system of Riverside and to construct extensive new additions to both the domestic and fire supply systems. Work will be undertaken within a few weeks.

HANFORD, KINGS CO., CAL.—Sewer system, \$80,000. Engineer, City Engineer, Hanford. Owners, City of Hanford. Notice has been sent to all bidders on this work of an extension in time of opening figures until January 27th. Bids were to have been opened on January 20th.

STORES AND OFFICES.

SAN FRANCISCO. Stores addition, 1 story to present 3 story Class A building. Cost not stated. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, A. B. Spreckels. The Spreckels building on California street near Drumm

style is to be enlarged. The same classic style of architecture will be followed out and the exterior is to be faced with terra cotta. The steel frame will be extended. Plans for this work are now being prepared.

LOS ANGELES, CAL.—Stores and lodge hall, 2 story and base, brick. Cost not stated. Architect, Arthur L. Acker, Story Bldg., L. A. Owner, Emma Oswald. The building will be 50x110 feet. The first floor will contain two stores and the upper floor is to be arranged for a lodge hall with a complete stage. Several offices are also provided for on this floor. Floors in the stores will be of cement. Gas steam radiators will be used. Interior finish will be of pine. There will be patent store fronts. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Loft building, 10 story and base, reinforced concrete. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Hill Street Lot Co. Preliminary plans only have been prepared, but these show a structure 58x165 feet of reinforced concrete throughout. The exterior will be faced with cement plaster with tile inlays. There will be both freight and passenger elevators, steam heat and modern plumbing. The structure is to be used for light manufacturing purposes. There will be metal window sash, sidewalk elevators and copper cornice. Plans are being prepared. The project is being handled by Alex. MacKellan, 421 Story Bldg., L. A.

VANCOUVER, B. C.—Offices, 1 story and base, reinforced concrete, \$45,000. Architects, Braunton & Leibert, Exchange Bldg., Vancouver. Owners, Standard Fruit and Industrial Co. The first floor will contain the offices of the owners and will be finished in marble, tile and mahogany. Basement is to contain the safety deposit vaults and customers' rooms. Upper floors will be arranged for modern offices. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with stone and terra cotta. Plans are being prepared.

LOS ANGELES, CAL. Stores, 1 story and base, brick. Cost not stated. Architects, Morgan, Wallis & Morgan, Story Bldg., L. A. Owner, D. Rothlier. The building will occupy a corner site and will cover an area of 100x100 feet. There will be a cement floor, patent store fronts, marble and tile base and wainscoting. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans for this work are now being prepared.

SAN DIEGO, CAL. Stores and offices, 4 story and base, brick and steel. Cost not stated. Architects, Quayle Bros. & Cressey, Savoy Theatre Bldg., San Diego. Owner, R. G. Miller, Prop. of the Owl Drug Co. The present building at the corner of 40 and D streets is to be wrecked and a new four-story building erected on the site. The first floor will contain stores and the upper floors modern offices. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be largely of metal. The exterior will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Market

story and base, brick. Cost not stated. Architects, Eisen & Son, Wilcox Bldg., L. A. Owners, Jeffries & Lenk. The structure will cover an area of 95x210 feet. There will be a cement floor, patent store fronts, considerable tile and marble work, ice boxes and refrigerating plant. The exterior will be faced with pressed brick. Plans are being prepared.

TACOMA, WASH.—Stores and lofts, 3 story and base, brick and concrete, \$30,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, Wallis & Sons. The building will be erected on So. C street. The first floor will be occupied by the owners who are engaged in the retail business. Upper floors will be arranged for lofts. There will be steam heat, elevator service and metal window sash and frames. The exterior will be faced with pressed brick. Interior finish will be of pine throughout. Plans are now complete and figures will be called for at once.

PORTLAND, ORE.—Stores and offices, 12 story and base, Class A construction, \$350,000. Architects, Whidden & Lewis, Portland. Owner, Theodore B. Wilcox. This building is to be erected at the corner of West Park and Washington streets, and when complete will be known as the Physicians' Bldg. All special requirements of the various professional men will be incorporated in the specifications. The first floor will be arranged for stores. Upper floors will contain a large number of offices arranged en suite. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Interior will be handsomely finished in metal and hardwoods. Exterior will be faced with terra cotta. Plans are being prepared.

Contracts Awarded.

SAN FRANCISCO.—Stores, 1 story and base, Class C construction, \$25,000. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Peninsular Realty Co. Contractors, Stockholm and Allyn, Monadnock Bldg., S. F. Contract price, \$25,000.

THEATRES.

CORVALLIS, ORE.—Theatre, 2 story and base, brick and concrete, \$30,000. Architect, George Post, Salem. Owner, M. Porter. The building will contain a main auditorium seating in the neighborhood of 900 people. Construction will be of reinforced concrete with exterior walls of pressed brick and terra cotta. A central heating system will be installed. Interior will be finished in metal and ornamental plaster. Floors will be of concrete. Stage equipment will be let under a separate contract. Plans are now being prepared.

Contracts Awarded.

FREMONT, WASH.—Theatre, 1 story and base reinforced concrete, \$15,000. Architect, Max Umbrecht, 6104 1st St., Seattle. Owner, A. G. Lemmonick. Contractor, H. A. Hatfield. Contract price, \$15,000.

LOS ANGELES, CAL.—Theatre, 1 story and base, reinforced concrete, \$17,000. Architect, A. Lawrence Valk, Union Oil Bldg., L. A. Owner, Buel Realty Co. Contractor, Harrell & Osborn, 1000 Bond St., L. A. Contract price, \$14,000.

SEALED PROPOSALS.

PROPOSALS FOR GRADING.

GRADING—Sealed proposals, indorsed "Proposals for Grading" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. February 8, 1913, and then and there publicly opened, for grading (about 26,000 cubic yards) at the navy yard, Puget Sound, Wash. Amount available, \$10,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals will be received at the office of the light house inspector, custom house, Portland, Ore., until 2 o'clock p. m. February 3, 1913, and then opened, for furnishing the materials and labor of all kinds necessary for the construction, erection and delivery of a light and fog signal building at Point Wilson, Wash. Blank proposals and particulars may be obtained by addressing the light house inspector, Portland, Ore.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 756—Proposals for Hose, Packing, Rubber, Belting, Wrought Steel Pipe, Valves, Back Cocks and Water Closet Seats.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. February 3, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 756) may be obtained from this office or the offices of the assistant purchasing agents, 1086 North Point street, San Francisco, Cal.; also from the United States engineer offices in the following cities: Seattle, Wash., Los Angeles Cal., and Commercial Club, Tacoma, Wash. F. C. BOGGS, major, corps of engineers, U. S. Army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 a. m., on Tuesday, January 28, 1913.

Contract No. 22.
For furnishing and erecting Hydraulic Plant complete for operating the Panama-Pacific International Exposition Company at the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract, the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.
Progressive payments will be made.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 61, Exposition Building, by depositing \$25.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (S)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, at 10 A. M. on Wednesday, January 23, 1913, on the Hog House at the University Farm at Davis.

Plans and specifications are on file in said office and may be obtained upon payment of \$5.00. A copy of the plans may be seen at the office of the Daily Pacific Builder, 560 Mission Street, San Francisco.

No bids will be received unless accompanied by a certified check or bond equal to 10% of the bid to secure execution of the contract by the successful bidder. The right is reserved to reject any and all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. (S)

NOTICE TO CONTRACTORS.

Office of the Board of State Harbor Commission, Union Depot and Ferry House, San Francisco, Cal., January 20, 1913.

SEALED PROPOSALS or bids will be received at this office at 10:00 o'clock A. M. on Thursday February 6, 1913, for furnishing materials and constructing Pier No. 29, and adjacent Bulkhead Wharf, on the water-front of the city and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Assistant State Engineer and adopted by the Board December 5, 1912, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of fresh cut close-grained, Douglas yellow fir piles, merchantable yellow fir lumber, redwood lumber, Portland cement (which will be furnished by the Contractor), crushed sand, crushed rock or gravel, reinforcing materials, castings, structural steel, rods, bolts, spikes, cut springs, rails and fittings, asphalt paving, etc. All material used in the structures will be subjected to a rigid examination and to test and if found defective, unsuitable or not as specified will be condemned and must be removed from the work by the Contractor at his expense.

No bid will be received unless it is made in a blank form furnished from this office, and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal; said check to be made payable to the order of the Secretary of the Board, as a guarantee on the part of the successful bidder that he will within six (6) days after the acceptance of the bid and the award of the contract, enter into a written contract to do said work, according to the plans and specifications, prepared therefor and will also execute and file with the contract a bond in such sum as the Board may deem adequate, with two or more sureties, to be approved by said Board and conditioned for the faithful performance of the contract. The Contractor will be bound by the terms and conditions of said Contract, nor will said bid be considered by the Board unless delivered to the Secretary, or the Assistant Secretary, at the office of the Secretary, at or prior to 11:30 o'clock A. M. Thursday, February 3, 1913, at which time and place the bids will be opened. The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are permitted to examine and copy of this work to be had at Room No. 18, Ferry Building, upon depositing \$20.00 or same, which will be returned on return of plans and specifications.

Bidders are requested to mark en-

velops containing bid, "Bid for Pier No. 29."

J. J. DWYER,
THOMAS S. WILLIAMS,
J. H. McALLUM,
Board of State Harbor Commissioners
JEROME NEWMAN,
Assistant State Engineer
LEO V. MERLE, JR.,
Jan 20-1913. Se relay

NOTICE TO BIDDERS.

NOTICE is hereby given by the Board of Trustees of Hester School District in the County of Santa Clara, State of California, that sealed bids will be received by said Board at the office of H. C. Jones situated in the Knox Building at the northwest corner of First and Santa Clara streets, in the City of San Jose, County of Santa Clara, State of California, up to Saturday, the 1st day of February, 1913, at 10 o'clock a. m. of said day for furnishing the necessary materials and doing the necessary work in the erection and construction of a school building for said school district to be located therein on the Alameda, between Lenzen and Brown avenues, and for tearing down the building now on said site and removing the material from the grounds, according to the plans and specifications for the same prepared by the architect of said Board and which said plans and specifications are hereby referred to and made a part of this notice.

Copies of said plans and specifications are on file and will be open to inspection at the Builders' Exchange located at 113 West Santa Clara street, in said city, and bidders will find at both of said places a form of bid to be submitted.

Bids for separate work will be considered as the same appear in said plans and specifications or in said form of bid.

Notice is further given that at 10 o'clock a. m. of said 1st day of February, 1913, at said office of H. C. Jones said bids will be opened and considered by said Board.

The contract or contracts will be awarded to the lowest responsible bidder or bidders who will give such security as the Board may require. The Board, however, reserves the right to reject any and all bids.

Each bid must be accompanied by a certified check on a reliable bank for five per cent of the amount of the bid and made payable to H. C. Jones, Clerk of said Board of Trustees.

Dated January 4, 1913.

M. S. MOORE,

H. CENTER,

HUBBERT C. JONES,

Board of Trustees of Hester School District.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for One Officer's Quarters" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. February 15, 1913, and then and there publicly opened, for the construction of quarters for inspector of ordnance (one frame house) at the naval magazine, Puget Sound, Wash. Estimated cost, \$5,500. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Puget Sound, Wash. H. R. STANFORD, chief of bureau.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—2, 2 story and base, frame, \$7,250, each, San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Matthew A. Little, 1347 4th Ave. Each of these houses will be designed to contain eight rooms and bath. Interior finish will be of pine, redwood and some hardwood. Floors will be of oak in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms are to be finished in tile with composition floors. Ruid water heaters will be installed. The exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500, San Francisco. Architect, none. Owner, A. R. Lapham, 1853 McAllister St., S. F. The house will contain six rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be a large open fire place with tile mantel in the living room. Bath and kitchen will be finished in tile. The exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and the work is to be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000, San Francisco. Architect, none. Owner, R. E. Seeger, 67 Bernal Ave., S. F. The house will contain six rooms and bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be and open fire place and brick mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the house will be covered with shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000, San Francisco. Architect, Theo. S. Boehm, Hewes Bldg., S. F. Owners, Pochman Building Co., Mills Bldg. The house has been designed for an eight-room dwelling with bath. Interior finish will be of pine and redwood. Oak floors will be used in the living, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000, San Francisco. Architect, none. Owner, Emil Rubland, 2102 Clement St., S. F. The house will contain seven rooms and bath. All interior finish will be of either pine or redwood. Hardwood floors will be used in the principal rooms. Open fire places are to be installed in the living and dining rooms. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and

shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000, San Francisco. Architect, O. E. Evans, 2101 Mission St., S. F. Owner, James Welsh. This house has been designed for a seven-room dwelling with bath. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be open fire places with tile or brick mantels. The exterior will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—6 story and base, brick and steel, \$125,000, San Francisco. Architect, C. T. Ryland, 337 Polk St., S. F. Owners, Lexington Realty Co. Mr. Ryland has worked up only one-eighth scale drawings and the arrangement of the rooms, type of construction and other details of the building have not been determined. Working drawings will be completed as rapidly as possible. Further information will be given as the plans progress. The building is to be erected on Sutter Street west of Mason, and will have a frontage of 87 feet and a depth of 137½ feet.

APARTMENT HOUSE—3 story and base, frame. Cost not stated, San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected at the corner of 7th Avenue and Lake Street, and has been designed to contain six apartments of four rooms and bath each. The interior will be finished in pine, redwood and some hardwood. There will be a central heating system, wall beds and connecting baths. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$55,000, San Francisco. Architect, David Salfeld, Clunie Bldg., S. F. Owner, Frank J. Klimm. This building has been mentioned here before when plans were first out for figures. It has been found necessary to revise the drawings to some extent and new figures will be called for shortly. The building will be arranged for seven stories on the first floor and a large number of two and three room suites on the upper five floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine and oak. All suites will have wall beds and private bath room. The exterior of the building will be faced with cement plaster.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$3,000, San Francisco. Architect, O'Brien Bros., Clunie Bldg., S. F. Owner, same with-held. The building will be erected on Bush Street and will have a frontage of 50 feet and a depth of 137½ feet. Interior will be arranged for 90 rooms

which will be divided into two and three room suites with private bath and separate entrances. There will be steam heat, elevator service and a vacuum cleaning system. Wall beds will be used throughout. Bath rooms will be finished in tile. The exterior of the building will be faced with white cement plaster. Plans are now being prepared.

APARTMENT HOUSE—6 story and base, brick and steel, \$70,000, San Francisco. Architects, Miller & Collesnail, Lick Bldg., S. F. Owners, S. C. and S. G. Buckbee. This building will be erected on Jones Street and has been described in these columns before. The working drawings are now nearly complete and will go out for figures within a few days. The building will have a street frontage of 60 feet and a depth of 120 feet. Upper floors will be arranged in suites of two and three rooms with connecting baths. All apartments will have wall beds. There will be steam heat, elevator service and a vacuum cleaning system. The exterior will be faced with pressed brick.

APARTMENT HOUSE—3 story and base, Class C construction, \$125,000, San Francisco. Architect, Arthur G. Scholz, Phelan Bldg., S. F. Owner, Patrick J. Gartland. The building is to be erected at the corner of Geary and Larkin Streets, and will contain in the neighborhood of 120 rooms, which will be arranged in suites of two and three rooms each. All apartments will have wall beds and private baths. Interior will be finished in pine, redwood and hardwood. Bath rooms will have cement floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within a few days.

APPARATUS FOR FREIGHT SLIPS—Cost not stated, San Francisco. Engineer, Director of Works, Exposition Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications have been completed for the hydraulic plant to be installed to operate the freight slip aprons at the new dock on the Harbor View site. Bids will be opened on January 28th. The official proposal appears in this issue.

HOSPITAL—1 story and base, reinforced concrete. Cost not stated, San Francisco. Architect, Charles Peter Weeks, Mutual Bank Bldg., S. F. Owners, Union Iron Works. This building is a part of the program of improvement that the company has underway. The structure will be Class A in all respects and will contain the most modern equipment throughout. Interior will be finished in pine, tile and hardwood. There will be a central heating system. The exterior will be faced with cement plaster. Plans are now being prepared.

MOTEL—7 story and base, Class C construction, \$75,000, San Francisco. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Charles C. Judson Co. This building will be erected on Ellis Street, west of Mason, and will contain a total of over 120 rooms. Nearly all rooms will have private baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and oak with ornamental plaster in

the lobby. The first floor will contain stores, lobby and hotel office. The exterior will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—3 story and base, brick. Cost not stated. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, Louis Friedman and Samuel Gerson. The building will be erected on Kearny street near Washington, and has been arranged for stores on the first floor and about 30 guest rooms on the upper floors. The interior will be finished in pine and redwood. There will be hot and cold running water supplied to all rooms. The exterior will be faced with pressed brick. Plans are complete and figures are being taken.

RESIDENCE—1 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Frank B. Russi, 440 Davis street, S. F. The house will contain six rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel in the living room. Bath and kitchen will have some tile wainscot. The exterior of the house will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

SCHOOL REMOVAL—1 story and base. Class A construction. Cost not stated. San Francisco. Architects, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. A contract will be let within a few days by the Board of Public Works for the removal of the Commercial High School from its present site on Grove street, between Larkin and Polk streets, to a site on Fell street, between Franklin and Van Ness avenue. A bond of \$125,000 is required of the contractor.

POWER STATION—1 story and base, reinforced concrete, \$15,000. San Francisco. Engineers, Engineering Dept. Pacific Gas and Electric Co., 445 Sutter St., S. F. Owners, Pacific Gas and Electric Co. This building will be erected on Meacham Place, near Post street, and is designed for a steam plant. There will be a cement floor and metal window sash and frames. The exterior will be faced with cement plaster. Bids will be taken by the Purchasing Dept. of the Pacific Gas and Electric Co.

STORES ADDITION—1 story to present 3 story Class A building. Cost not stated. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owner, A. B. Spreckels. The Spreckels' building on California street near Drumm is to be enlarged. The same classic style of architecture will be followed out and the exterior is to be faced with terra cotta. The steel frame will be extended. Plans for this work are now being prepared.

LOS ANGELES, CAL.—Stores, 1 and 2 story and base, brick, \$20,000. Architect, none. Owners, Los Angeles Suburban Homes Co. Contractors, Ye Planny Building Co., Title Insurance Bldg., L. A. Contract price, \$18,000.

Contracts Awarded.

HOSPITAL—2 story and base, reinforced concrete, \$45,000. San Francisco. Architects, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Contractor, James Mc-

Laughlin, 211 Kearny St., S. F. Contract price, \$46,960. Note: This work has been out for figures before and the same contractor was then low on the work. For a complete list of all figures presented see under San Francisco in this issue.

STORAGE—1 story and base, Class C construction, \$25,000. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owners, Pentastar Realty Co. Contractors, Stockholm & Alyn, Monadnock Bldg., S. F. Contract price, \$25,000.

Freight Slip Bids Opened Saturday.

**Panama-Pacific Company Will Award
Contract for Ferry Freight Slip to
Healy-Tibbitts.**

Four bids for the construction of a ferry freight slip and approaches thereto were received Saturday morning at 11 o'clock by the Director of Works of the Panama-Pacific International Exposition Company. The work is for the building of the slip only and bids for the structural steel, aprons and hydraulic machinery for the operation of the aprons will be opened on January 28th. The following is a complete list of the figures as presented:

Ferry Freight Slip.

Healy-Tibbitts Constr. Co., \$39,340
Thompson Bridge Co., 40,410
Mercer-Fraser Co., 42,292
Hyde-Harjes Co., 44,783

The work will probably be awarded to the Healy-Tibbitts Construction Co.

City Bids Opened.

**James L. McLaughlin is Again Low Man
For Hospital Work and McSheehy
Bros. Also Land A Contract.**

Bids were opened at the Wednesday afternoon session of the Board of Public Works for the construction of the new hospital building for the Infirmary Poor, which is to be erected on the Relief Home tract and also for the removal of Truck House No. 2 (Chemical Engine No. 4). James L. McLaughlin was low on the hospital work at \$46,960 and McSheehy Bros. for the removal of Truck House No. 3. The following is a complete list of all figures submitted:

Hospital, Relief Home Tract.

Commary-Peterson Co., \$49,393
James L. McLaughlin, 46,960
M. M. Finlayson, 48,675
Wold & Kohn, 52,500
Robert Trost, 49,472
R. W. Moller, 48,650

Removal of Truck House No. 3.

(Chemical Engine No. 4)
Commary-Peterson Co., \$2,911
F. J. Klenck, 3,560
Wold & Kohn, 3,760
W. Manson Bros., 3,678
McSheehy Bros., 2,842

BUILDING SUPERINTENDENT.

Glacken, Edw. E., General building superintendent; architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor

Lloyd S. Ackerman

Attorney-At-Law

Building Law and the Law of
Mechanics' Liens.

Rooms 414-418 Nevada Bank Bldg.

14 Montgomery St., S. F.

Refers to: Anglo California Trust Co.,
General Contractors' Association; United
States Fidelity & Guaranty Co., Daily
Pacific Builder.

load, quantity surveying, etc. Ad-
dress 568 Golden Gate Ave. Phone
Franklin 7619.

Building Contracts Awarded.

San Francisco.

133	Lapham	Lapham	2500
134	Swiggett	Alek	500
134	Pac Gas & Elec.	Owner	15000
136	Baife	Nichols	600
137	Rousseau	Rousseau	1500
138	Hobbs	Saker	2250
138	Little	Little	7250
140	Little	Little	7250
141	Little	Little	7250
142	O'Brien	O'Brien	1000
143	Daniels	Bruswick	400
144	Seeger	Seeger	2000
145	Schweitzer	Barnstein	700
146	Chesney	Drew	1000
147	Pockman	Pockman	1000
148	Spreckels	Pearson	3890
149	S F Ext. M F Ch.	Johnson	5534
150	Flaherty	Hinson	7500
151	Hansen	Gardener	3951
152	Realty & Rebidg.	Sibley	8250
153	Rity & Rebidg.	Macdonald	153000
154	Floodgrip	Walker	20000
155	Levy	Rosenberg	3000
156	Nutter	Lennon	5900
157	Miller	Allen	1384
158	Morgen	Leach	800
159	Webber	Noise	1000
160	Lachman	Lachman	500
161	Hohn	Hohn	1500
162	Hess	Pointon	400
163	Mewsdrorfer	Federal	500
164	Openheimer	Federal	500
165	Chowski	Chowski	400
166	Ham	McCausland	5165
167	Elsner	Kessler	2156
168	Hurley	Mager	6400
169	Northrup	Penny	7249
170	Pratt	Arthur	7050
171	Mensor	Camp	4500
172	Burke	Greaver	4100
173	St. Lukes	Parrell	3500
174	Rapp	Higginson	4882
175	Counter	Hamerton	7575
176	Krause	Hamerton	18554
177	Peradi	Eriero	500
178	Hahn	Novelt	500
179	Stockman	Blackman	1160
180	Maupin	Maupin	560
181	Fele	Mowat	450
182	Hartnett	Propps	1600
183	Tieler	Nager	400
184	Welsh	Welsh	3000
185	Russi	Russi	25000
186	Snoers	Hooner	2100
187	Piebard	McHob	1750
188	Ward	Carlson	2500
189	Golden Pheasant	Press	500
190	Davis	Davis	1650
191	Anderson	Anderson	450
192	Boade	Thompson	700
193	Decear	Waltton	1050
194	Phillips	Phillips	1900
195	Conlay	Dowd	1250
196	Deacon	Holme	7000
197	Proctor	Whitney	1360

(133) E TWELFTH AVE 250 S Anza.
Two-story and basement frame dwlg.
Owner, A. R. Lapham, 1843 Mc-
Allister, San Francisco.
Architect, None. COST, \$2500
Day's work.

(134) No. 276 POST. Alter front.
Owner, Madame Swiggett, Prem.

"WAINWRIGHT"

CALVANIZED

STEEL CORNER BAR

FOR PROTECTING EDGES OF CONCRETE CURBS STEPS, COLUMNS, ETC.

The Only Effective CONCRETE EDGE PROTECTOR

Offered to the Contracting Public

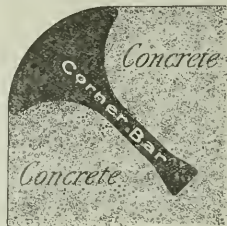
WAINWRIGHT PATENTS—March 9, 1897.

November 22, 1898. May 5, 1903.

March 26, 1907. Aug. 29, 1907.

Aug. 2, 1910.

This bar has been in public use for more than ten years as the main feature of the



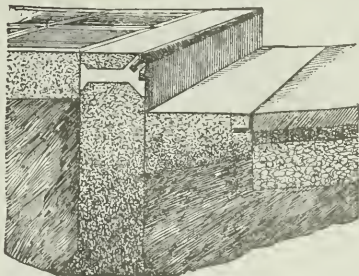
Wainwright Steel-Bound Concrete Curb

THE BEST IN THE WORLD

OVER THREE MILLION FEET

In Use in More Than Three Hundred Cities in the United States

ABSOLUTELY NON-BREAKABLE--CHEAPER THAN GRANITE



Handsome Than Granite and much stronger. Continuous In Construction, hence never out of line. GALVANIZED STEEL CORNER BAR Prevents Chipping or Breaking on Edges. This Curb is Mechanically Perfect and Unequalled for Curved Corners.

This Curb Will Stand Harder Use And Last Ten

Times As Long As Plain Concrete Curb

CONTRACTORS can make money by laying this curb.

CITY ENGINEERS can save money by specifying it.

ARCHITECTS are invited to read pages 242 and 243 "Sweet's Index."

METAL PARTS FOR SALE

SEND FOR COPYRIGHTED BOOKLET No. 18

The Lilley & Thurston Co.

RIALTO BUILDING,

SAN FRANCISCO

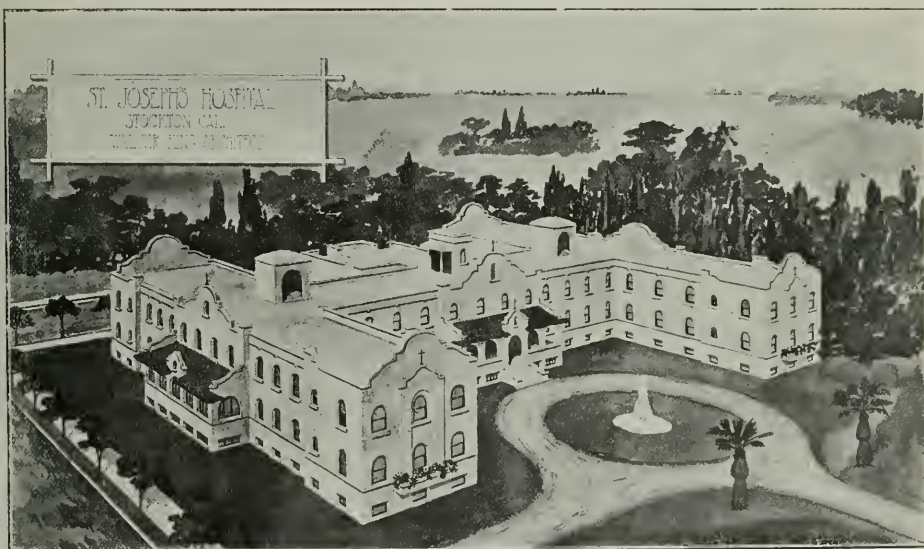


ACCEPTED DESIGN FOR TOWN HALL
Larkspur, Marin Co., Cal.

C. O. Clausen, Architect
San Francisco

Building and Industrial News
January 21, 1913

PLATE A



PERSPECTIVE VIEW OF PROPOSED NEW HOSPITAL ST. JOSEPH'S
Stockton

Walter King, Architect
Stockton

Architect...Frye & Schasty, Monadnock Bldg., S. F.
 Contractor...T. H. Meek, 1157 Mission, San Francisco.

COST, \$500

(5) W MEACHAM PLACE 74-6 S Post. One-story steel frame and brick (team plant).

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.

Architect...None.
 Day's work.

COST, \$15,000

(36) NOS. 404-406 DEVISADERO. Rat proof, underpin and new floor for dwelling.

Owner.....Mary Balfe, 151 Sutter, San Francisco.

Architect...None.
 Contractor...H. D. Nichols, 151 Sutter, San Francisco.

COST, \$600

(37) NO. 1488 CALIFORNIA. Install patent flue and other repairs to apartments.

Owner....Chas. J. Rousseau, Prem.
 Architect....Chas. J. Rousseau.

Day's work.

COST, \$750

(38) N ELIZABETH 228-4 W Hoffman Ave. W 25 S 114 E 25 S 114. Foundations, walls, floors, ceilings, roofing, plumbing, wiring, glazing, painting, etc., for one and one-half-story frame dwelling.

Owner.....John and Catherine Hobbs, 811 Alvarado, S. F.

Architect...None.
 Contractor...Charles A. Salter, 49 Guerrero, San Francisco.

Beg Jan. 13, '13. Dated Jan. 11, '13.

Frame up 1/4
 1st coat plaster on 1/4
 Completed and accepted 1/4
 Usual 35 days 1/4

TOTAL COST, \$2256

Bond, none. Limit, April 11, '13. Forfeit, none. Plans and specifications filed.

(39) E TWENTY-FIRST AVE 200 N Lake. Two-story and basement frame dwelling.

Owner.....Matthew A. Little, 1347 4th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.

COST, \$7250

(40) E TWENTY-FIRST AVE 175 N Lake. Two-story and basement frame dwelling.

Owner.....Matthew A. Little, 1347 4th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.

COST, \$7250

(41) E TWENTY-FIRST AVE 150 N Lake. Two-story and basement frame dwelling.

Owner.....Matthew A. Little, 1347 4th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.

COST, \$7250

(42) NO. 76 HOMESTEAD. Add two rooms, concrete foundation and shingle roof.

Owner.....Hannah O'Brien, Premises.

Architect...M. O'Brien.
 Contractor...M. O'Brien, 460 10th, S. F.

COST, \$400

(143) SE GRANT AVE AND BUSH.

Erect partition and wainscoting.
 Owner.....W. Daniels, Premises.

Architect...None.
 Contractor...Brunswick, Balke & Colender, 767 Mission, S. F.

COST, \$400

(144) N BERNAL 580 E Coso. Two-story and basement frame dwelling.

Owner.....R. E. Seeger, 67 Bernal Ave., San Francisco.

Architect...None.
 Day's work.

COST, \$2000

(145) SE HAMILTON & SILLMAN. New roof, joists and foundation.

Owner.....S. Schweitzer, 50 Hamilton San Francisco.

Architect...None.
 Contractor...N. Barnstein, 25 College Ave., San Francisco.

COST, \$700

(146) NO. 110 WINFIELD AVE. New floors, porches and front steps.

Owner.....Mary Chesney, 9 Virginia Ave., San Francisco.

Architect...A. W. Burnett, 68 Fair Oak, San Francisco.

Contractor...Drew & Co., 48 Ramona Ave., San Francisco.

COST, \$1000

(147) N BALBOA 95 E 13th Ave. Two-story and basement frame dwelling.

Owner.....Pockman Bldg. Co., 839 Mills Bldg., S. F.

Architect...Theo. S. Boehm, 1019-1021 Heves Bldg., S. F.

Day's work.

COST, \$4000

(148) N VALLEJO 99 W Laguna W 106 xN 137-6. Removal of two frame buildings from SE Octavia and Jackson S 127-8 1/4 x E 50 and S Jackson 50 E Octavia S 127-8 1/4 x E 50.

Owner.....Alma Spreckels.

Architect...G. A. Applegarth, Call Bldg., San Francisco.

Contractor...E. K. Pearson, 2362 Bryant San Francisco.

Beg Jan. 14, '13. Dated Jan. —, '13.

Upon complete performance of contract \$3890

TOTAL COST, \$3890

Bond, \$1945. Surety, New England Casualty Co. Limit, 36 days. Forfeit, \$25. Plans and specifications filed.

(149) NW NINETEENTH AVE AND Judah (J) N 47-2 1/2 x W 120. All work except painting, heating, electric light fixtures, for one-story frame church building with basement and tower.

Owner.....S. F. Church Extension Society of the M. E. Church.

Architect...William J. Wythe, Central Bank Bldg., Oakland.

Contractor...J. T. Johnston, J. E. Branagh & T. A. Cuthbertson.

Beg Jan. 14, '13. Dated Jan. 13, '13.

Frame completed, roof sheathing boards on and brick chimney built \$1380

Rough plumbing and electric wiring approved and rough plaster on 1380

Completed and accepted 1380

TOTAL COST, \$5534.50

Bond, \$3000. Sureties, J. H. McCallum and J. W. Schouten. Limit, 100 days.

Forfeit, \$2. Plans and specifications filed.

(150) N NINETEENTH 55 E Lexington Ave N 85x E 25. All work except plumbing, shades, gas and electric fixtures and finish hardware for three-story frame flats.

Owner.....M. P. Flaherty.

Architect...B. R. Christensen, Grant Bldg., San Francisco.

Contractor...L. A. Hinson, 180 Jessie, San Francisco.

Beg Jan. 14, '13. Dated Jan. —, '13.

2nd floor joists on \$1400

3rd floor joists on 1400

Roof on and building enclosed 1400

Completed and accepted 1425

Usual 35 days 1875

TOTAL COST, \$7500

Bond, \$3750. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(151) N BAY, bet Leavenworth and Hyde 25 feet front N 137-6 E 25 S 137-6 W 25. All work except shades, gas and electric fixtures for two-story and basement frame flats.

Owner.....Chris Hansen, 716 Bay, San Francisco.

Architect...H. D. Mitchell, 638 Montgomery, S. F.

Contractor...Kelly Gardener, 335 Raymond Ave., San Francisco.

Beg Jan. 14, '13. Dated Jan. 13, '13.

Frame up \$ 987

Brown coated 987

Completed and accepted 987

Usual 35 days 1000

TOTAL COST, \$3951

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(152) NE TURK AND FILLMORE N 275 E 130 S 85-6 W 58-6 S 194 E 58-6 S 85-6 W 130. Excavating and bulkheading for four-story and basement reinforced concrete apartment and store building.

Owner.....Realty & Rebuilding Co. by Macdonald & Kahn, Rialto Bldg., San Francisco.

Architect...Miller & Colmesnil, Lick Bldg., San Francisco.

Contractor...Sibley Grading & Teaming Co., 180 Jessie, S. F.

Beg Jan. 14, '13. Dated Jan. 14, '13.

Installments 10th of each month of 75%

36 days after \$2662.50

TOTAL COST, \$8250.00

Bond, \$4125. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days from filing. Forfeit, none. Plans and specifications filed.

(153) SE EDDY AND FILLMORE S 275x E 130 VA 305. All work for four story reinforced concrete apartment building.

Owner.....Realty & Rebuilding Co.

Architect...J. R. Miller, Lick Bldg., San Francisco.

Contractor...Macdonald & Kahn, Rialto Bldg., San Francisco.

Beg Jan. 14, '13. Dated Jan. 14, '13.

Cost, including contractors' fees of 50%, not to exceed \$155,000

On 5th of each month payments of 75% of work done, etc.

Usual 35 days Balance

TOTAL COST, \$155,000

Bond, \$50,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days. Forfeit, \$50. Plans and specifications filed.

NOTE:—Plans give architects as Miller & Colmesnil.

(154) NE FOURTH AND TEHAMA. Three-story brick stores and rooming house.

Owner.....Floodberg & Zigenbein, Monadnock Bldg., S. F.
Architect...Cunningham & Politico, 1st National Bank Bldg., S. F.
Contractor...P. J. Walker Co., Monadnock Bldg., S. F.
COST, \$20,000

NOTE:—Job is started.

(155) NO. 2429 JACKSON. Repair fire damage, new roof, rewire for electric lights and erect chimneys.

Owner.....Hella G. Levy, 2699 Union, San Francisco.
Architect...None.
Contractor...Emil Rosenberg, 1845 Buchanan, San Francisco.
COST, \$3000

(156) N LOMBARD 140 E Polk. Two-story and basement frame dwelling.

Owner.....F. A. Nutter, 1731 Larkin, San Francisco.
Architect...Theo. W. Lenzen, 709 Humboldt Bank Bldg., S. F.
Contractor...M. G. Lennon, Mills Bldg., San Francisco.
COST, \$5000

(157) S SEVILLE 170 E Naples. One-story and basement frame dwlg.

Owner.....John Miller, Fresno, Cal.
Architect...None.
Contractor...Allen Bros., 4523 Mission, San Francisco.
COST, \$1384

(158) NO. 600 KEARNY. Alter front and extend mezzanine floor.

Owner.....M. Morgen, Premises.
Architect...E. Bertz, 68 Post, S. F.
Contractor...R. Leach, 65 Natoma, S. F.
COST, \$800

(159) NO. 71 THIRD. Erect marquee.

Owner.....Chas. F. W. Webber, Prem.
Architect...None.
Contractor...Moise-Klinkner Co., 1212 Market, San Francisco.
COST, \$1000

(160) N GEARY 110 W Polk. Install heating system.

Owner.....G. Lachman, 2019 Mission, San Francisco.
Architect...M. Mattanovich, 1406 Hewes Bldg., San Francisco
Day's work.....COST, \$500

(161) S PRECITA 50 W York. One-story and basement frame dwlg.

Owner.....Alfred Hohn, 678 Precita Ave., San Francisco.
Architect...E. Anderson, 1172 De Haro San Francisco.
Day's work.....COST, \$1500

(162) NO. 18 CARSON AVE. Raise and move dwelling, new steps and front.

Owner.....L. Hess, Premises.
Architect...None.
Contractor...J. M. Pointon, 177 Saturn, San Francisco.
COST, \$400

(163) NO. 824 MARKET. Electric sign

Owner.....J. C. Meussdorffer Sons, Premises.
Architect...None.
Contractor...Federal Elec. Sign Co., 257 8th, San Francisco.
COST, \$500

(164) NO. 114 GRANT AVE. Electric sign.

Owner.....J. Oppenheimer, Premises.
Architect...None.
Contractor...Federal Elec. Sign Co., 257 8th, San Francisco.
COST, \$300

(165) S GREENWICH 85 W Webster. Raise and stairway and alter light shafts.

Owner.....Wm. Chowski, 3209 Fillmore, San Francisco.
Architect...None.
Day's work.....COST, \$400

(166) S O'FARRELL 50 E Broderick 25x87-6. All work for two-story and basement frame apartments.

Owner.....L. Burley Ham, 1657 Fillmore, San Francisco.
Architect...Jno. F. Haner, 3579 19th, San Francisco.
Contractor...Geo. V. McCausland, 4246 25th, San Francisco.
Filed Jan. 15, '13. Dated Jan. 14, '13.

1st floor joists in place.....\$ 968.45
Enclosed and roof on..... 968.45
Brown coated and rough plumb-
ing done 968.45
Completed and accepted..... 968.40
Usual 35 days..... 1291.25
TOTAL COST, \$5165.00

Bond, \$2583. Surety, Aetna Accident & Liability Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(167) N CALIFORNIA 132-6 E Seventh Ave N 95.20 m or l E 25 S 92-1 6-10 m or l W 25-1 1/2 m or l. Excavating, concrete, tile, carpenter, roofing, glazing, hardware, lath and plaster, plumbing, gas fitting, sewerage and painting for one-story frame building.

Owner.....Herman Eisner.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor...B. Kessler, Monadnock Bldg., San Francisco.

Filed Jan. 15, '13. Dated Jan. 14, '13.
Enclosed and roofed.....\$539
Brown coated and plumbing
roughed in 539
Completed and accepted..... 539
Usual 35 days..... 539
TOTAL COST, \$2156

Bond, \$1078. Surety, Jno. Diehl and Peter Schmidt. Limit, 60 days. Forfeit, \$3. Plans and specifications filed.

(168) SW CASTRO AND CLIPPER S 26-6xW 80. All work except gas fixtures and shades for three-story frame store and flats.

Owner.....Wm. Hurley, 1604 Castro, San Francisco.
Architect...M. J. Welsh, 3197 22d, S. F.
Contractor...Mager Bros., 402 Kearny, San Francisco.

Filed Jan. 15, '13. Dated Jan. 14, '13.
Frame up\$1600
Brown coated 1600
Completed 1600
Usual 35 days..... 1600
TOTAL COST, \$6400

Bond, none. Limit, 100 days after Jan. 18, 1913. Forfeit, none. Plans and specifications filed.

(169) W DEVISADERO 82-6 N Grove N 55xW 137-6. All work for one-story brick building.

Owner.....Henry Northrup, 3219 24th, San Francisco.
Architect...Ross & Burgren, Cal-Pacific Bldg., San Francisco.

Contractor...Isaac Penny, Phelan Bldg., San Francisco.

Filed Jan. 15, '13. Dated Jan. 14, '13.
Brick work up ready for trusses.....\$2715
Completed and accepted..... 2715
Usual 35 days..... 1819

TOTAL COST, \$7249

Bond, \$3624.50. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(170) SE McALLISTER AND FIRST Ave S 25-1 63-100 E 89-7 36-100 N 25 W 87. All work except gas and electric fixtures, shades, plumbing and gas grate heaters for three-story frame flats.

Owner.....Jacques Prat.
Architect...Fibre & Bearwald, Merchants National Bank Bldg San Francisco.
Contractor...O. B. Arthur, 552 Guerrero San Francisco.

Filed Jan. 15, '13. Dated Jan. 14, '13.
Frame up\$1752
Brown coated 1752
Completed and accepted..... 1752
Usual 35 days..... 1752
TOTAL COST, \$7056

Bond, \$3525. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(171) SE GEARY AND JONES E 23-4 XS 68-9. Plain and reinforced concrete, steel reinforcement, cement floors and side walk slabs for six-story and basement and mezzanine Class "C" hotel.

Owner.....J. Mensor, 2211 California San Francisco.

Architect...Albert Schroeffer, Foxcroft Bldg., S. F.
Contractor...Camp & Carillon, 4075 17th San Francisco.

Filed Jan. 16, '13. Dated Jan. 13, '13.
Footings & retaining walls in.....\$1000
2nd floor walls in 600
4th floor walls in 600
Fire walls in 600
Completed and accepted..... 57.
Usual 35 days..... 112.
TOTAL COST, \$450

Bond, \$2250. Sureties, Otto Schrade and L. M. Zimmerman. Limit, as far as possible. Forfeit, none. Plans and specifications filed.

(172) N FIFTEENTH 203-3 E Dolore E 25xN 117-6 MB 28. All work to two-story frame flats.

Owner.....Patrick J. and Ellen Burke, 36 Dorland, San Francisco.
Architect...None.
Contractor...Wm. F. Dreyer, 320 Lyon, San Francisco.

Filed Jan. 16, '13. Dated Jan. 14, '13.
Frame up\$102
Brown coated 102
Completed and accepted..... 102
Usual 35 days..... 102
TOTAL COST, \$410

Bond, none. Limit, 65 days. Forfeit none. Plans and specifications filed.

(173) BLOCK BDED BY VALENCI. Duncan, Army and San Jose Av

Construction of boundary wall o Valencia and Duncan streets and San Jose avenue to rear driveway f hospital buildings.
Owner.....St. Luke's Hospital.
Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

contractor..Farrell & Reed, M. A. Gunst
Bldg., San Francisco.
Filed Jan. 16, '13. Dated Jan. 9, '13.
Payments on 15th of each month
of 75%
Usual 35 days..... 25%
TOTAL COST, \$3600
Bond, \$1800. Sureties, Thos. F. Mul-
vey and H. S. McGilvray. Limit, none.
Forfeit, none. Plans and specifications
led.

(174) NW ALAMEDA AND BRYANT
W 100xN 50. All work for corrugated
iron building (one-story and loft
stable).
Owner.....John Rapp & Son, 1500
Bryant, San Francisco.
Architect...Leo. J. Devlin, Pacific Bld.
San Francisco.

Contractor..Higginson Co. Inc., 8 Fal-
con Ave., San Francisco.
Filed Jan. 16, '13. Dated Jan. 16, '13.
Concrete foundation in and frame
completed\$1660
Completed and accepted..... 2000
Usual 35 days..... 1223
TOTAL COST, \$4883
Bond, none. Limit, 35 days. Forfeit,
\$.5. Plans and specifications filed.

(175) N HENRY 96 W Noe 26x114. All
work except electrical work for two-
story frame flats.
Owner.....C. G. Counter, 179 Henry,
San Francisco.

Architect...None.
Contractor..Wm. C. Hamerton & Son,
1301 Waller, San Francisco.
Filed Jan. 16, '13. Dated Dec. 30, '12.
Frame up and roof rafters in
place\$1895
Brown coated and front trimmed 1895
Completed 1895
Usual 35 days..... 1890
TOTAL COST, \$4775
Bond, limit, forfeit, none. Plans and
specifications filed.

(176) W ARGUELLO BOULEVARD
(First Ave.) 25 N Hugo N 50xW 95.
All work for three-story frame apart-
ments.

Owner.....Fred Krause, 191 Frederick
San Francisco.

Architect...None.
Contractor..Wm. Hamerton & Son,
1301 Waller, S. F.

Filed Jan. 16, '13. Dated Dec. 21, '12.
Frame up and roof rafters in
place\$2710 00
Enclosed and roof on..... 2710 00
Brown coated 2710 00
White coated 2714 50
Completed 5000 00
Usual 35 days.....
TOTAL COST, \$18,554 00

Bond, limit, forfeit, none. Plans and
specifications filed.

(177) E NATICK 93 S Chenery. One-
story and basement frame dwlg.
Owner.....L. Perodi, 23 Surrey, S. F.
Architect...None.
Contractor..Jos. Briero, 120 Otsega,
San Francisco.

COST, \$500

(178) S BUSH 100 E Powell. Electric
sign.
Owner.....Herman Hohn, Premises.
Architect...None.
Contractor..Novelty Elec. Sign Co., 145
Eddy, San Francisco.

COST, \$500

(179) W WORTH 120 N 22nd. Two-

story and basement frame dwelling.
Owner.....John Bjorkman, 4677 23rd,
San Francisco.

Architect...None.
Day's work..... COST, \$1100

(180) NO. 224 COTTER. Add 2 rooms,
new roof and raise dwelling.
Owner.....Geo. Maupin, Premises.
Architect...None.
Day's work..... COST, \$500

(181) NO. 2332 MISSION. After front
and store.
Owner.....E. A. Egle, Premises.
Architect...Kidd & Anderson, 235
Kearny, San Francisco.
Contractor..T. Mowat, 2135 Mission,
San Francisco.

COST, \$450

(182) E HOFF 153 N 17th. One-story
and basement frame dwelling.
Owner.....I. D. Hartnett, 3337 17th,
San Francisco.
Architect...None.
Contractor..W. Props, 1381 Gough, S. F.
Cost, \$1600

(183) NE DOLORES AND VALLEY.
Add one room, new plumbing and
partitions.
Owner.....W. H. Tiegeler, Premises.
Architect...None.
Contractor..Mager Bros., 402 Kearny,
San Francisco.

COST, \$400

(184) W ELEVENTH AVE 100 S Anza.
Two-story and basement frame dwlg.
Owner.....James Welsh, 244 20th Ave.
San Francisco.
Architect...O. E. Evans, 2104 Mission,
San Francisco.

Day's work..... COST, \$3000

(185) S GENEVA 75-4 W London. One
story and basement frame dwlg.
Owner.....Frank E. Russi, 440 Davis,
San Francisco.

Architect...None.
Day's work..... COST, \$2500

(186) W TWENTY-FIRST AVE 175 N
Anza N 25xW 120. All work for one
and one-half-story frame cottage.
Owner.....W. A. Speers, 1460 Dolores,
San Francisco.

Architect...None.
Contractor..Byron J. Hooper, 6508 Cal-
ifornia, San Francisco.

Filed Jan. 17, '13. Dated Jan. 16, '13.
Frame up\$525
Brown coated 525
Completed 525
Usual 35 days..... 525
TOTAL COST, \$2100

Bond, limit, forfeit, none. Plans and
specifications filed.

(187) S WASHINGTON 140 E Brod-
erick E 50xS 127-8 1/4. Alterations and
additions to three-story frame flats.
Owner.....D. M. Richards Realty Co.
Architect...Wright, Rushforth & Ca-
hill, 571 California, S. F.
Contractor..J. S. Malloch, 402 Kearny,
San Francisco.

Filed Jan. 17, '13. Dated Jan. 16, '13.
Ready for lather\$440
Ready for painter..... 440
Accepted and finished..... 440
Usual 35 days..... 440
TOTAL COST, \$1760

Bond, \$1000. Surety, Globe Indemnity
Co. Limit, 45 days. Forfeit, none. Plans
and specifications filed.

(188) V 751 N 21st N 25x
W 130 11x All work for two-
story and rough basement frame resi-
dence.

Owner.....Earl Mead, 372 Eureka,
San Francisco.

Architect...None.
Contractor..Carlson & Anderson, 382
Eureka, San Francisco.

Filed Jan. 17, '13. Dated Jan. 4, '13.
Rough frame up.....\$825
Brown coated 625
Completed and accepted..... 625
Usual 35 days..... 625
TOTAL COST, \$2500

Bond, \$1250. Sureties, Jno. Bjorkman
and Peter Andersen. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

(189) NO. 34 GEARY. All work for
stairs and office extending across
northerly end of dining room pre-
mises.

Owner.....The Golden Pheasant, 32
Geary, San Francisco.
Architect...Alfred H. Jacobs, 110
Butter, San Francisco.
Contractor..Braas & Kuhn, 58 Dearborn
San Francisco.

Filed Jan. 17, '13. Dated Jan. 16, '13.
Completed\$393.75
Usual 35 days..... 131.75
TOTAL COST, \$525.00
Bond, limit, forfeit, plans and specifica-
tions, none.

(190) NOS. 2659-63 CALIFORNIA. In-
stall steam radiators and coal burning
steam boiler.

Owner.....H. H. Davis, Monadnock
Bldg., San Francisco.
Architect...None.
Day's work..... COST, \$1650

(191) NO. 635 MADRID. Add four
rooms.
Owner.....C. Andersen, Premises.
Architect...None.
Day's work..... COST, \$450

(192) NOS. 2431-35 POST. Repair fire
damage.
Owner.....M. Brodek.
Architect...None.
Contractor..J. Tronson, 121 5th, S. F.
COST, \$700

(193) E OTSEGO 50 S San Ysabel.
One-story and basement frame resi-
dence.

Owner.....F. A. Roener and C. Wal-
ton, Cr Baldwin & Howell.
Architect...Fred A. Roener, 41 Guer-
rero, San Francisco.

Day's work..... COST, \$1950

(194) W STATE 110 S Courtland. One-
story and basement frame dwelling.
Owner.....Thomas Phillips, 193 Elsie,
San Francisco.

Architect...O. Everett, 1940 Webster,
San Francisco.

Day's work..... COST, \$1200

(195) NW HARRISON 145 NE Elghth
NE 40xNW 80. Carpenter, mill, glass,
glazing, painting, plumbing, electric
work, plaster and concrete for one-
story corrugated iron and steel frame
manufacturing building with front
wall and office of wood.

Owner.....Earl K. Cooley, 1160 Bry-
ant, San Francisco.

Architect...Chas. E. J. Rogers, 24 Cali-
fornia, San Francisco

Contractor..Boyd & Kerr, 402 Kearny,
San Francisco.

Filed Jan. 18, '13. Dated Jan. 18, '13.
Concrete foundation, roughing of
plumbing, plumbing and rough
carpentry done \$300
Completed and accepted 500
Usual 35 days 400

TOTAL COST, \$1,200

Bond, none. Limit, 108 days. Forfeit,
none. Plans and specifications filed.

(196) NW LAKE AND SEVENTH AVE
N 75xW 30 OL 65. All work except
plumbing and painting for three
story and basement frame apartments.
Owner.....Rousseau Realty Co. Mon-
adnock Bldg., S. F.
Architect...A. P. and C. M. Rousseau,
Monadnock Bldg., S. F.
Contractor...Edw. F. Helms, 35 Mont-
gomery San Francisco.

Filed Jan. 18, '13. Dated Jan. 18, '13.
Frame up \$1750
Brown coated 1750
Completed and accepted 1750
Usual 35 days 1750

TOTAL COST, \$7000

Bond, none. Limit, 80 days after Jan.
20. Forfeit, \$10. Plans and specifica-
tions filed

(197) N O'FARRELL 40 E Jones E
57-6xN 112-6. Brick work for one-
story and basement brick building.
Owner.....The Proctor Realty Co.
Architect...Chas. P. Weeks, Mutual
Bank Bldg., San Francisco.
Contractor...Whitney & Davies.

Filed Jan. 18, '13. Dated Jan. 18, '13.
On completion 75%
Usual 35 days 1360

TOTAL COST, \$2360

Bond, none. Limit, 30 days after Jan.
17. Forfeit, none. Plans and specifica-
tions filed.

COMPLETION NOTICES.

San Francisco.

Jan. 2, 1913—COMG 26-6% from in-
tersection NW Market and Front
r a 92-8 along W Front W 137-6 S
92-8 E 137-6. A B Spreckels to Pacific
Fire Extinguisher Co. Dec. 31, '12
Jan. 2, 1913—SE BUSH AND GRANT
Ave S 120 E 68-6 N 60 E 0-6 N 60 W
69. M Fleishacker to Joseph
Pasqualetti (S F Concrete Co.)
.....Nov. 20, 1912
Jan. 2, 1913—N LOMBARD 110 W
Fillmore W 51-6xN 90. G Palacin
to Peter Hansen.Dec. 31, 1912
Jan. 2, 1913—LOT 16 SUB W 1/2 O L
Blk 295. Leonard T Pockman and
Adolph Rosenshine to whom it
may concernDec. 30, 1912
Jan. 2, 1913—NW EDINBURGH 100
NE Persia Ave NE 25xNW 100.
Joseph and Rose Varni to Ward C
Brown.Dec. 28, 1912
Jan. 3, 1913—S OAK 258-6 W Frank-
lin 45-10x120. Mary L Curley to
Otto Carson Co.Jan. 3, 1913
Jan. 3, 1913—W RHODE ISLAND 100
S 24th S 25xW 100. Owen J Gal-
lagher to W H Morphy.Dec. 27, 1912
Jan. 3, 1913—SE LONDON 150 NE
France Ave NE 25xSE 100 Lot 3
Blk 10, Excel Hd. George Hinch
and Celestine Elizabeth S Hink to
George Henry Schlink.Dec. 31, 1912
Jan. 3, 1913—SW SIXTH 25 SE Mis-
sion SE 60xSW 75. Edw H Mitchell
to Central Iron Works.Jan. 2, 1913
Jan. 3, 1913—N PINE 119-2 W Stock-
ton W 38-4xN 59-6. Albert J Atkins
to Finn Anderson.Jan. 2, 1913

Jan. 3, 1913—NE LOMBARD AND
Jones. Giovanni Chiappe to whom
it may concern.Dec. 10, 1912
Jan. 3, 1913—SE FRONT AND WASH-
ington. Doyle Estate Co to Theo
S Hoot.Dec. 31, 1912
Jan. 3, 1913—NE HARRISON & 3RD
N 85xNE 120. George A Clough to
J Wenderling.Jan. 3, 1913
Jan. 4, 1913—W DEVISADERO 100 N
Elbert N 37-6xW 30. G K Easton
and S F Wagner Easton to R S K
MacMillen.Dec. 31, 1912
Jan. 4, 1913—SE BUSH & GRANT AV
S 120 E 68-6 N 60 E 6 N 60 W 69.
M Fleishacker to John G Sutton Co
.....Dec. 30, 1912
Jan. 1, 1913—LOTS 186 AND 188 GIFT
Map No. 2. Karl EH Haglund to
whom it may concern.Jan. 4, 1913
Jan. 6, 1913—NW HOWARD 137-6
NE 13th NE 27-6 NW parallel with
13th 106-0 1/2 SE 27-6 SE parallel
with 13th 104-10 1/2. John Schwor-
msted to Adolph Henning and
Gercke & Feilbach.Jan. 3, 1913
Jan. 6, 1913—S FELLA PLACE 113-6
E Powell E 24xS 64. Mark Rendle
King to whom it may concern.
.....Jan. 6, 1913
Jan. 6, 1913—E CASTRO 101-6 S
Army S 25xNE 118. A V Anderson
to whom it may concern.Jan. 4, 1913
Jan. 6, 1913—W FIFTEENTH AVE
225 S Lincoln Way S 106xW 127-6.
Sunset Home Realty Co to Cox
Bros.Jan. 4, 1912
Jan. 6, 1913—N OAK 100 E Devisa-
dero 25x94. Giacomo Bacciocco to
John Ratto & Bros.Dec. 30, 1912
Jan. 6, 1913—S TWENTY-SECOND 25
E Hampshire E 25xS 100. Annie
Davies to whom it may concern.
.....Jan. 6, 1913
Jan. 6, 1913—NW MONROE & BUSH
N 91-6 W 90 S 91-6 E 80. Edward
Beck to Wm S Snook & Sons.
.....Jan. 2, 1913
Jan. 6, 1913—SE BUSH & MASON E
68xS 84. Howard B Land and Mary
L Payne or Mary E Payne, Trs Est
Chauncey B Land, dec'd and as
Trustees Est Harriet Land, dec'd
to L A Hinson.Dec. 31, 1912
Jan. 7, 1913—OLIVE AVE NO. 633.
Clara and Louis Plamondon to
Leonard Salomon.Dec. 20, 1912
Jan. 7, 1913—W FRONT 26-6% N
Market—92-8xW 137-6. A B
Spreckels to Pacific Fire Exting-
uisher Co.Jan. 7, 1913
Jan. 7, 1913—SE Market 150-1 1/2 NE
Seventh SE 165-1xNE 75. Boston
& S. P. Amusement Co (Lessee) to
A G 1911, Dec. 30, '12; Mangrum &
Otter Jan. 4, 1913; Metropolitan
Constr Co, Jan. 4, 1913; Mangrum
& OtterDec. 31, 1912
Jan. 7, 1913—NW MONROE & BUSH
N 91-6xW 80. Edward Beck to
Lennig Eng Co.Jan. 4, 1913
Jan. 7, 1913—S CLAY 60 W Mont-
gomery W 30xS 59-9. Lee Yum,
Lee Yeung, Lee Foon and Chan
May Choy to J A Hill.Jan. 4, 1913
Jan. 7, 1913—S WASHINGTON 76-4 E
Grant Ave 32-2xS 77-6. H R Wil-
liar to C D Rankin.Jan. 6, 1913
Jan. 7, 1913—NE PACIFIC AVE AND
Devisadero. George A Pope to J
H K & Co, Dec. 1, 1912; A J
Porbes & Son.Dec. 1, 1912
Jan. 7, 1913 SE CALIFORNIA AND
Pierce. D Schroder to whom it
may concern.Jan. 2, 1913
Jan. 7, 1913—E DOLORIS 53 S
Liberty. Arthur V. Weldon to
Ludwig B G Koenig.Dec. 14, 1912

Jan. 7, 1913—NE FIRST & FOLSOM
E 87-6xN 61-6. John Campe to
Robert Trost.Jan. 4, 1913
Jan. 7, 1913—NW TWENTY-THIRD
Ave and Clement W 30xN 100. J
Mora Moss, gdn Est Alfred T Moss
(insane) to whom it may concern
.....Jan. 7, 1913
Jan. 8, 1913—S BLUXOME 100 W
5th W 80xS 250. Kasper Pischel to
Charles Wright.Jan. 22, 1913
Jan. 8, 1913—N JACKSON 66 E Bat-
tery E 71-6xN 91-8. Thomas Mc-
Donald to Lindgren Co.Jan. 8, 1913
Jan. 8, 1913—NE SACRAMENTO AND
Webster N 255-4 1/2x275. The Board
of Trustees of The Leland Stanford
University to W W Anderson &
Co.Jan. 2, 1913
Jan. 8, 1913—E THIRTY-SECOND
Ave 125 N California 25x120. Anna
M Hanlon to whom it may concern
.....Jan. 4, 1913
Jan. 9, 1913—S CALIFORNIA 107-6 W
26th Ave 25x100. M R Colton to R
A Crothers.Jan. 9, 1913
Jan. 9, 1913—NE MONTOMERY AND
Post N 112-6 E 87-6 S 25 W 25 S
82-11 SW 7-10 W 58-11 1/2. Wells
Fargo Nevada National Bank to
Peerless Agencies Co.Jan. 4, 1913
Jan. 9, 1913—NE MISSION & FOURTH
N 80xS 80. P J Walker Co, agents
for The Voorman Co to Dyer Bros
Golden West Iron Wks.Jan. 4, 1913
Jan. 9, 1913—NE GEARY & TAYLOR
N 60xS 57-6. Emily W Benedict
to Caldwell & Co, Lettich Bros,
and H W Moffat & Co.Jan. 9, 1913
Jan. 9, 1913—W PIERCE 25 S Chest-
nut S 25xW 110. G Pera to W
Filippis.Jan. 9, 1913
Jan. 9, 1913—W SIXTH 110 S Market
W 75 N 20 W 25 S 75 E 25 N 30 E
75 N 25. Greninger Estate Co to
Eureka Iron & Wire Wks.Jan. 7, 1913
Jan. 10, 1913—NW TURK AND POLK
N 137-6xW 137-6. German House
Association (cpn) to Ignaz and
Joseph Berke (Berke Bros)
.....Jan. 7, 1913
Jan. 11, 1913—SW POWELL & SUT-
ter W 100 S 75 E 100-0 1/2 N 76-10.
York Realty Co to Sibley Grading
& Teaming Co.Jan. 3, 1913
Jan. 11, 1913—NW VAN NESS AVE &
Oak W 157-6 N 80 W 21 N 40 E
178-6 S 120. The Masonic Temple
Association to H H Larsen & Bros
.....Jan. 6, 1913
Jan. 11, 1913—W ANDOVER 62-6 N
Highland Ave N 26-0 1/2 W 114-2 1/2
at an angle of 92-45 deg S 26 E
115-5 1/2. Fred and Pauline Igel to
whom it may concern.Jan. 2, 1913
Jan. 11, 1913—S MINNA 125 E 6th E
75xS 75. F H Mesow to whom it
may concern.Jan. 11, 1913
Jan. 13, 1913—SW FLORENCE AND
Vallejo. Norman B Livermore to
Marcus Marcussen.Jan. 5, 1913
Jan. 13, 1913—E MARKET & SPEAR
NE 45-10xSE 137-6. Christopher A
Buckley to Synthe Bros; Kelleher
Mitchell; Adams; Fuller, California
Sheet Metal Works; Kerby &
Hughes and J Chaban.
.....Jan. 13, 1913
Jan. 13, 1913—W FORTYEENTH AV
125 N Clement. Conservative Bldg
& Investment to whom it may
concernJan. 11, 1913
Jan. 13, 1913—E FORTY-SECOND
Ave 200 N Anza. Ethyl H Noble to
whom it may concern.Dec. 31, 1912
Jan. 14, 1913—NE CALIFORNIA AND
Franklin E 135-3xN 137-6. First
Church of Christ Scientist in S F to

San Francisco.

Chas Sparwasser, Jan. 5, '13; Hetty Bros. Jan. 5, 1913
 n. 14, 1913—COMG 26-6% FROM NW Market and Front ra 92-8 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to W P Fuller Co. Jan. 14, 1913
 an. 14, 1913—E EUREKA 75 S 17th 21-8x125. Theresa Pullen to E A F Carson. Jan. 14, 1913
 an. 11, 1913—COMG AT PT IN BLK 14 which pt is perpendicularly distant 32-6 SW from SW Girard and perpendicularly distant 300 NW fm NW Silliman SW 175 NW 75.734 m or 1 NE 175.21 m or 1 SE 84.246 m or 1. Homestead Realty Co to Wm H Grabin. Jan. 11, 1913
 an. 14, 1913—N BAY 57-6 W Leavenworth W 30xN 137-6. Pasquale Pensabene to A M Wallen. Jan. 14, 1913
 an. 14, 1913—SE COMMERCIAL & Front S 59-6x E 60. Elise Drexler by MacDonald & Kahn to Clinton Fireproofing Co. Jan. 14, 1913
 an. 14, 1913—NE FILBERT & JONES N 70x E 41-5. Maria Tampcke to S Montani & G Stefanini. Jan. 14, '13
 an. 14, 1913—NE FIRST 179-6 SE Folsom SE 55-6xNE 137-6. Eva L Kortick to whom it may concern. Jan. 9, 1913
 an. 14, 1913—S BROADWAY 120 E Montgomery E 34-6 S 57-6 W 17-6 S 20 W 57-6 r a 20 E 40 N 57-6. Teresa Chichizola to G Rossi. Jan. 13, 1913
 an. 15, 1913—S VALLEJO, bet Jones and Leavenworth; Nos. 1127-29-31. Mrs. M Btringham to Devencenzi Bros & Co. Jan. 11, 1913
 Jan. 15, 1913—N SUTTER 122-9 W Sansone W 122-3xN 137-6. Chas Holbrook to Williams Bros & Henderson. Jan. 14, 1913
 Jan. 15, 1913—E THIRTEENTH AVE 237-6 N Balboa N 30x E 120. Jno F Witzel to Jno E Beck. Jan. 13, 1913
 Jan. 16, 1913—COMG. 26-6% N FROM NW Market and Front th 92-8 W 137-6 S 92-8 E 137-6. A B Spreckels to C J Hillard Co. Jan. 14, 1913
 Jan. 16, 1913—N REVIERE AVE near Rankin. Raffaello Delprete to whom it may concern. Dec. 28, 1912
 Jan. 16, 1913—BLK BDED BY ARMY, Duncan, Valencia and San Jose Ave. Geo A Pope, Chairman St. Luke's Hospital to Geo MacGruer. Jan. 11, '13
 Jan. 17, 1913—S TURK 67-6 W Polk W 30 S 120 E 60 N 30 E 30 N 30. Hannah McClure to Howard S Williams. Jan. 15, 1913
 Jan. 17, 1913—SE UNION AND POLK E 75xS 50. Mrs L Monaco to Louis Metter. Jan. 14, 1913
 Jan. 17, 1913—S GENEVA AVE near SE Geneva Ave and Paris Lot 2 Blk 6. Crocker Amazon Tet. Pasquale Morabito to E Swanson. Jan. 8, 1913
 Jan. 17, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Inv Co to Mealy & Collins. Jan. 16, 1913
 Jan. 17, 1913—NE OAK GROVE 125 SE Harrison SE 50xNE 112. The Marin County Milk Producers to whom it may concern. Dec. 23, 1912
 Jan. 17, 1913—SE MARKET 150-14 NE 7th SE 165-1 to a pt 150-14 NE 7th NE 75 NW 165-1 SW 75. Boston and S F Amusement Co to S F Cornice Co. Jan. 15; Joseph Musto Sons-Keehan Co. Jan. 15, 1913
 Jan. 17, 1913—SE HOWARD 362-6 NE 1th NE 25xSE 86. Rousseau Realty Co to J Erle Johanson and Brandon & Lawson. Jan. 16, 1913

Jan. 2, 1913—E COMMONWEALTH Ave 359 N Euclid Ave N 40 m or 1 x E 123. J N Eynearst vs Antoinette Porter. \$150
 Jan. 3, 1913—S BEACH 68-9 E Larkin E 68-9xS 137-6. F Roland vs P Arata. \$195
 Jan. 4, 1913—SE JESSIE AND SW Annie SW 32-6 SE 40 NE 32-6 NW to heg. C Carnevali Marble & Mosaic Co vs Frederick Hess and Williams Bros & Henderson. \$370
 Jan. 8, 1913—W WEBSTER 75 N Sutter N 66-8xW 100. W J MacTavish vs El Dorado Bldg Co, Inc, W C Boswell and Mathilde Proffie. \$300
 Jan. 10, 1913—NE MISSISSIPPI and Mariposa N 100x E 50. George H Tay Co vs Fred Atzeroth, Jacob Witzelburger & D R Campbell. \$71.21
 Jan. 10, 1913—NE SUTTER & GOUGH having frontage 125 on Sutter and 137-6 m or 1 running back to Palm Ave. No. 1482 Sutter. Sharnan Kimball & Co vs Rosalie Roulet and John S King. \$697.81
 Jan. 13, 1913—NE SUTTER AND Gough 125x137-6. John F King vs Rosalie Roulet. \$1255.29
 Jan. 9, 1913—S PACIFIC 111-6 W Montgomery W 26xS 167-6. Bay Counties Elec Constr Co vs J Michel. \$532.25
 Jan. 14, 1913—PIERCE NO. 3131. F L Loveland vs Chas and Jane Doe Miller. \$27
 Jan. 14, 1913—E FILLMORE 92 S Union S 28x E 87-6. F P McKeon and M Mack (McKeon & Mack) vs R B Reid. \$100

OAKLAND AND ALAMEDA COUNTY.

BUNGALOWS—3, 1 story and base, frame, \$3,000 each. Piedmont Alameda Co, Cal. Architect, none. Owners, Becker and Eliel, 1762 Broadway, Oakland. These houses will contain six and seven rooms, bath and sleeping porches. Interior finish will be of pine, redwood and some oak. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the kitchens and bat rooms. The exteriors will be covered with cement plaster on metal lath. Plans to be completed at once and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Oakland Cal. Owners, Oakland Building Co, Security Bank Bldg., Oakland. The house has been designed to contain six rooms, bath and sleeping porch. Interior finish will be of pine, redwood and oak. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$9,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. The dwelling will be located in Adams Point, and will contain in the neighborhood of ten rooms, bath and

terrace porch. Interior finish will be of pine, redwood and hardwood with oak floor in the principal rooms. Plans will be a central heating system and automatic water heaters installed. The bath rooms will be finished in tile. There will be open fire places and brick and tile mantels. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

BUNGALOW—2 story and base, frame, \$1,700. Piedmont Alameda Co, Cal. Architect, C W. Dickey, Central Bank Bldg., Oakland. Owner, Irving H. Kahn. The dwelling will contain seven rooms, bath and sleeping porch. A garage will be erected on the rear of the same lot. Interior finish will be of pine with some hardwoods. Oak floors will be used in the principal rooms. There will be open fire places and furnace heat. Mantels will be of brick. Bath room will be finished in tile. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$2,500. Oakland, Cal. Architect, J. C. Satterlee, 470 13th St., Oakland. Owner, Frank C. Howe. The house has been designed for six rooms and bath. All interior trim will be of pine or redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. The exterior of the house will be covered with cement plaster. Tile will be used in the bath and kitchen. Plans are complete and figures are being taken.

BUNGALOWS—2, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architect, J. C. Satterlee, 470 13th St., Oakland. Owner, J. E. Sattis. Each bungalow will contain five rooms and bath. Interior finish will be of pine and redwood with oak floors in the living and dining rooms. There will be open fire places and brick or tile mantels. Tile will be used in the bath and kitchens. Plans are complete and figures are being taken by the architect.

APARTMENT HOUSE—3 story and base, frame, \$7,000. Oakland, Cal. Architects, T. M. and S. Oliver, Pantages Tower Bldg., Oakland. Owner, Mrs. J. W. Weller. The building is to be located on 7th street, near 11th, and will consist of three of two and three apartment houses. There will be steam heat and automatic water heating system. All apartments will have connecting rooms and will have. Interior finish will be of pine and redwood with some hardwood floors. Bathrooms will be finished in tile and have marble sinks. The exterior of the building will be covered with cement plaster and will have tile floors. Plans are complete and figures are being taken by the architect.

NEW ADDITION—1 story to 12 rooms. A building that not stated. Located on 8th street, near 13th. Owners, E. A. Nason, Oakland and Piedmont Building Co. The building is to be located on 8th street, near 13th, and will consist of 12 rooms. The building will be covered with cement plaster and will have tile floors. Plans are being prepared.

Oakland Builders' Annual Banquet.

Annual Membership Meeting and Banquet of the Oakland Exchange Proves a Brilliant Affair.

The Annual Membership Meeting of the Oakland Builders' Exchange was called to order at 4 P. M. last Saturday. The following men were elected to serve as Directors for the coming year: E. G. Hunt, Geo. B. Waddell, T. Sexton, Wm. Makin, J. F. Dingwell, P. T. Kennedy, A. A. Edwal, Javik Howard, James Pedgrift, C. G. Chipchase and Frank Robinson. In recognition of the faithful and intelligent services of the Secretary, P. E. Bradhoff, he was unanimously voted an additional fifty dollars a month salary.

The banquet was held in the evening at the Hotel Oakland. About one hundred and ninety members and guests were present. An elaborate banquet was served after which the guests listened to a number of excellent speakers. The following is a list of the speakers of the evening:

Mayor Noy, of Alameda; Mayor Craig, of Piedmont; John J. Donovan, City Architect of Oakland; President Wilson, Vice-President Eddie Brandon and the Hon. Mr. Kent, all of San Francisco Builders' Exchange; Harry Anderson, Commissioner of Public Works; A. A. Denison, Secretary of the Chamber of Commerce; Chas. W. Gompertz, Vice-President of the General Contractors' Association of San Francisco; L. N. Cobbleddick, L. C. Fraser Jr., and Jimmy McVey. A quartette composed of Frank Oates, Jimmy McVey, Harry Miller and Chas. Learn rendered several fine selections. Telegrams and letters of regrets, congratulations and best wishes were received from the chief executives of the following cities: Mayor Mott, of Oakland; Mayor J. Stitt Wilson, of Berkeley; Mayor James Rolph Jr., of San Francisco; Mayor J. C. Owens, of Richmond.

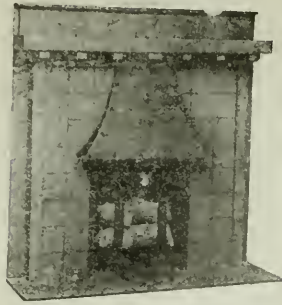
The affair was one of the most enjoyable ever given by the Builders' Exchange.

Building Contracts Awarded.

Oakland.

107 Savagnio	Owner	600
108 Stone	Brickman	1500
109 Pfrang	Pfrang	2500
110 Oakland Bldg.	Owner	5000
111 Martin	Martin	800
114 Jann	Krosca	1500
118 Mackenzie	Owner	500
119 Inter-Cities	Owner	1600
120 Same	Same	1600
121 Hansen	Bojoras	2000
122 Barnes	Jones	3000
123 Wiebeo	Wiebeo	2500
124 Butler	Bliehl	6000
126 Olsen	Olsen	1700
127 Bernao	Hanner	400
128 Robins	Howard	450
130 Kahn Rlty Co.	Clark	7500
131 Same	Barnes	11500
132 Pac G & E Co.	Kaufman	6900
136 Morgensen	Owner	2500
137 Same	Same	2500

(107) S "E" ABOUT 75 W 88TH AVE., Oakland. Three green houses.
Owner.....Rocco Savagnio, Prem.
Architect...None.
Day's work. COST, \$600



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager
Mantels, Grates and Tiles. Fire Sets, Andirons
Portable Baskets and Grates, Floor and
Wall Tiling in Original Designs.
1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone Oakland 8622

(108) NW SNEEL AVE 40 SW Laurel, Oakland. One-story 5-room dwelling
Owner.....Maud Stone.
Architect...None.
Contractor...R. F. Brickman.
COST, \$1500

(109) N EVERETT 110 E 13th Ave., Oakland. One-story 6-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(110) W PERKINS 525 N Van Euren, Oakland. Two-story 8-room dwlg.
Owner.....Oakland Bldg. Co., Security Bank Bldg., Oakland.
Architect...None.
Day's work. COST, \$5000

(111) NO. 2617 VALDEZ, Oakland. Alterations.
Owner.....W. H. Martin, 2646 Valdez, Oakland.
Architect...None.
Day's work. COST, \$800

(114) E BOYD AVE 598 S Hudson, Oakland. One-story 6-room cottage.
Owner.....Frank Jahn, 1908 Yolo Ave., Berkeley.
Architect...None.
Contractor...E. J. Krosca, 1908 Yolo Av., Berkeley.
COST, \$1500

(118) NO. 3418 BOSTON AVE, Oakland. Alterations and additions.
Owner.....C. F. Mackenzie, Premises.
Architect...None.
Day's work. COST, \$500

(119) W MINNA 35 S Dale Place, Oakland. One-story 6-room dwelling.
Owner.....Inter Cities Home Bldrs., Bacon Bldg., Oakland.
Architect...None.
Day's work. COST, \$1600

(120) W MINNA 32 N Allendale Ave., Oakland. One-story 6-room dwelling.
Owner.....Inter Cities Home Builders, Bacon Bldg., Oakland.
Architect...None.
Day's work. COST, \$1600

(121) E LAGUNA AVE 225 N Hopkins, Oakland. One-story 5-room dwlg.
Owner.....T. Hansen, 3162 Peralta Ave., Oakland.
Architect...None.
Contractor...Albert Bojoras.
COST, \$2000

(122) SE SHAFTER AND COLLEGE Aves., Oakland. Plumbing, plastering and wiring for four flats.
Owner.....H. S. Barnes, 2228 Dana Berkeley.
Architect...H. K. Lovell, 1617 Felton, Berkeley.
Contractor...Jones Bros., 5829 Lawton Ave., Oakland.
COST, \$3000

(123) E-THIRTY-EIGHTH AVE 400 S Carrington, Oakland. One-story 5-room dwelling.
Owner.....A. C. Wieben, 1831 34th Ave Oakland.
Architect...None.
Day's work. COST, \$2300

(124) NE E-THIRTY-SEVENTH AND Kingsley Ave., being Lot 4 and one-half Lot 5 Blk 6, East Piedmont Heights, Oakland. All work for two-story and basement dwelling.
Owner.....Walter A. Butler, 764 6th, Oakland.
Architect...None.
Contractor...A. F. Eliehl, 1540 Broadway, Oakland.
Filed Jan. 15, '13. Dated Dec. 21, '12.

Framed up	\$1522.75
Plastered	1522.75
Completed	1522.75
Usual 35 days.	1522.75
TOTAL COST,	\$6091.00

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(126) W TWENTY-SEVENTH AVE 112 1/2 S E-22nd, Oakland. One-story 5-room dwelling.
Owner.....Chas. Olsen, 3129 Lynde, Oakland.
Architect...J. W. Ehrenpfert, 3129 Lynde, Oakland.
Day's work. COST, \$1700

(127) NO. 9505 BIRCH, Oakland. Alterations.
Owner.....M. Berman.
Architect...None.
Contractor...W. J. Hanner.
COST, \$400

(128) NO. 403 SEVENTH, Oakland. Fire repairs.
Owner.....Geo. Robins Co., Inc., 466 Tenth, Oakland.
Architect...None.
Contractor...Jas. Howard, 563-569 9th, Oakland.
COST, \$450

(130) W TELEGRAPH AVE 100 S 16th S 130 N 78 deg 48 min W 103.95 S 75 deg 36 min W 102.44 N 130 N 75 deg 36 min E 90 N 14 deg 24 min W 5.72 N 11 deg 11 min E 112.89 S 78 deg 48 min E 74 S 11 deg 12 min W 100 S 78 deg 48 min E 100, Oakland. Architectural terra cotta for four-story Class "A" department store.
Owner.....Kahn Realty Co.
Architect...C. W. Dickey, Central Bank Bldg., Oakland.
Contractor...N. Clark & Sons, 116 Natoma, San Francisco.
Filed Jan. 17, '13. Dated Jan. 11, '13.
Terra cotta up to and including

1 story belt course has been delivered to building.....\$2000
1 terra cotta delivered..... 2000
Completed..... 1947
usual 35 days..... 1953
TOTAL COST, \$7930
ed, \$3965. Surety, Pacific Coast
ality Co. Limit, as soon as possible.
feit, none. Plans and specifications
il.

1) BRICK WORK ON ABOVE.
Contractor, William J. Bacus, 721
Franklin, Oakland.
ed Jan. 17, '13. Dated Jan. 6, '13.
st and 15th of each month..... 75%
usual 35 days..... 25%
TOTAL COST, \$11,500
and, \$3750. Limit, as soon as possible
feit, none. Plans and specifications
il.

2) W GROVE AND S line of land of
Pacific Gas and Electric Co., 100xW
25, Oakland. All work for cement
laster and steel frame meter house.
ner.....Pacific Gas & Elec. Co., 425
Sutter, San Francisco.
hitect...None.
Contractor, Kaufman & Edwards, Mac-
Gregor Bldg., S. F.
ed Jan. 16, '13. Dated Jan. 8, '13.
Completed..... 75%
usual 35 days..... 25%
TOTAL COST, \$6960
nd, \$3480. Surety, Pacific Coast
uality Co. Limit, 75 days. Forfeit,
ne. Plans and specifications filed.

36) N THIRTY-NINTH 175 W
Market, Oakland. One-story 5-room
dwelling.
wner.....Morgensen Bros., 554 63d,
Oakland.
hitect...None.
ay's work. COST, \$2500

37) N THIRTY-NINTH 210 W
Market, Oakland. One-story 5-room
dwelling.
wner.....Morgensen Bros., 554 63rd,
Oakland.
hitect...None.
ay's work. COST, \$2500

Building Contracts Awarded. Berkeley.

12	Peake	.....	Pinkerton	1500
13	Ogden	.....	Tieslan	1500
15	Lane	.....	Allen	2000
16	Meyer	.....	Keller	700
17	Rally	.....	Peake	3000
25	Gilsenan	.....	Kidder	3000
29	Kelley	.....	Peake	3250
35	Broderick	.....	Peake	500
38	Lewis	.....	Lewis	1800

112) N BANCROFT WAY 66 W Sacra-
mento, Berkeley. Five-room dwlg
Owner.....Peake-Munro Co., 2035
Shattuck Ave., Bkly.
hitect...None.
Contractor, J. A. Pinkerton, 1931
Berryman, Berkeley.
COST, \$1500

116) N ROSE 75 E Grove, being Lot
1 Bk 8, Berryman Tract, Berkeley.
All work for one and one-half-story
frame dwelling.
wner.....John Ogden, 1345 Grove,
Berkeley.
hitect...R. B. Hotckin, Bacon Bk.,
Oakland.
Contractor, Tieslan Bros., 2814 Grove,
Berkeley.
Filed Jan. 13, '13. Dated Jan. 8, '13.

Frame up	.....	1/4
Plastered	.....	1/4
Completed and accepted	.....	1/4
Usual 35 days	.....	1/4
TOTAL COST, \$1500		

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(115) N AVALON 50 E Oak Knoll,
Berkeley. Alter residence.
Owner.....Dr. F. J. Lane, 2943 Avalon,
Berkeley.
hitect...None.
Contractor, F. E. Allen, 468 34th, Okd.
COST, \$2000

(116) N HILLCREST ROAD — E Hill-
crest Court, Berkeley. Alter dwelling
Owner.....Edward Meyer, Premises.
hitect...Chas. S. Keyser.
Contractor, R. Keller.
COST, \$700

(117) NW SONOMA AND COLUSA.
Berkeley. Six-room dwelling.
Owner.....L. A. Rally, Cor. Telegraph
Ave. and Woolsey, Bkly.
hitect...L. A. Rally.
Contractor, Peake-Munro Co., 2035
Shattuck Ave., Berkeley.
COST, \$3000

(125) E WALNUT 363.57 S Virginia S
49xE 136.5, Berkeley. All work for
two-story frame dwelling.
Owner.....Thos. Gilsenan, 2847 Web-
ster, Berkeley.
hitect...None.
Contractor, Kidder & McCullough, 2025
Addison, Berkeley.
Filed Jan. 15, '13. Dated Jan. 15, '13.

Frame up and boarded	.....	1/4
Plastered and shingled	.....	1/4
Completed	.....	1/4
Usual 35 days	.....	1/4
TOTAL COST, \$3000		

Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(129) E OXFORD 300 S Marion Ave.,
Berkeley. Two-story frame dwelling
Owner.....Norman D. Kelley, 2617
Virginia, Berkeley.
hitect...John H. Willis, 1615 Euclid
Ave., Berkeley.
Contractor, Peake-Munro Co., 2035
Shattuck Ave., Berkeley.
COST, \$2350

(135) N SONOMA AVE 80 W Colusa,
Berkeley. Additions to one-story five
room dwelling.
Owner.....W. L. Brodrick, 2035 Shat-
tuck Ave., Berkeley.
hitect...Peake-Munro Co.
Contractor, Peake-Munro Co., 2035
Shattuck Ave., Bkly.
COST, \$500

(138) W SACRAMENTO 140 S Ban-
croft Way, Berkeley. One-story five-
room dwelling.
Owner.....L. S. Lewis, 2421 Woolsey,
Berkeley.
hitect...None.
Day's work. COST, \$1800

Building Contracts Awarded.

Alameda

133	Munn	.....	Bertelsen	400
124	Cole	.....	Cole	2000

(123) NO. 1015 GRAND, Alameda.
Garage.

Owner.....Wm. Munn, Premises.
Architect...None.
Contractor, S. J. Bertelsen, 473 Newton
Ave., Oakland.
COST, \$400

(134) NO. 1816 NASON, Alameda. One
story dwelling.
Owner.....Mark T. Cole, 703 Syndicate
Bldg., Oakland.
hitect...None.
Day's work. COST, \$2000

NOTICE OF NON-RESPONSIBILITY.

Jan. 17, 1913—LOT 2 BLK 1 Map Ber-
keley Heights, Bkly. Berkeley Devel-
opment Co as to Improvements
on leased property.....

COMPLETION NOTICES.

Alameda.

Jan. 2, 1913—W VICKSBURG 125 N
51st Ave N 61.43 W 130 S 19.30 E
to beg, Oakland. Robert Y and
Loraine K Boronda to whom it
may concern.....Dec. 31, 1912

Jan. 3, 1913—LOT 74 Dowling Tract
being No. 1748 81st Ave., Oakland.
Katherine McLaughlin to Jos Flitt-
ner.....Dec. 12, 1912

Jan. 3, 1913—LOT 144 and NW 5 ft.
Lot 140 Map Ppty of R Corder, Jr.,
Brooklyn Tp. Theodor Schmitz to
William Bertsch.....Dec. 21, 1912

Jan. 4, 1913—S YOLO AVE 100.30 E
Grove E 40xS 120, Bkly. E. I. and
Mary Kroesa to whom it may con-
cern.....Jan. 2, 1913

Jan. 4, 1913—LOT 14 BLK 3 May 4th
Ave Terrace, Okd. W E McShesnev
to whom it may concern.....Jan. 2, 1913

Jan. 6, 1913—LOT 7 BLK 30 Map
Havenscourt, Oakland. Piedmont
Heights Bldg Co to J V Matteson.....
Dec. 30, 1912

Jan. 6, 1913—E BURBANK 132 S
Central Ave S 39xE 110, Ala F N
Strang to F N Strang.....Jan. 3, 1913

Jan. 6, 1913—LOT 7 BLK 6 East
Piedmont Heights Extension, Okd.
F W Winsor to A F Ellis.....Dec. 27, '12

Jan. 6, 1913—LOT "D" BLK 17 Map
No. 2, Claremont, Bkly. Duncan
McDuffie to Walter Sorrenson.....
Jan. 2, 1913

Jan. 7, 1913—LOTS 8 AND 9 BLK 3,
Berkeley Square, Bkly. Alfred S
Kay to Patrick-Nelson Bldg Co.....
Jan. 3, 1913

Jan. 7, 1913—LOT 10 BLK 2, Berkeley
Square, Bkly. Wm Steinhach to
Chas L Trow.....Dec. 18, 1912

Jan. 7, 1913—LOT 14 BLK 25, Fair-
mont Park, Bkly. Patrick-Nelson
Bldg Co to Patrick-Nelson Bldg
Co.....Jan. 6, 1913

Jan. 8, 1913—N E-FIFTEENTH 170
W Fruitvale Ave., Okd. Ottila L
Gilliland to R B Litton.....Jan. 7, 1913

Jan. 8, 1913—E RHODA AVE 550 S
Madeline S 50xE 125, Okd. George
Stackhouse to W H Bertsch.....
Jan. 6, 1913

Jan. 8, 1913—PTX LOT 32 BLK 16,
Map Boulevard Park, Brooklyn Tp.,
Okd. Claude Scheelk to whom it
may concern.....Jan. 6, 1913

Jan. 8, 1913—W TENTH 136 1/2 S
Cedar 30x130, Bkly. Carl Ericsson
to whom it may concern.....Jan. 8, 1913

Jan. 8, 1913—ADDITION NO 2034, Bkly.
Wells Fargo Express Co to J W
Johnson.....Dec. 18, 1912

Jan. 8, 1913—DANA No. 2642, Bkly. Mrs Annie E Stover to Sullivan Bros.....Jan. 7, 1913
Jan. 10, 1913—COMG 26-6 7/8 from NW Market and Front th at r a 92-8 W 137-6 S 92-8 E 137-6. A B Spreckels to J W Bender Roofing Co.....Jan. 3, 1913
Jan. 10, 1913—W POWELL 22 S Clay S 108-W 73. Clyde S Payne to whom it may concern.....Jan. 10, 1913
Jan. 10, 1913—COMG 362-6 FROM NE Sixth and Natoma E 50x80. Wm Moore to T F O'Rourke, Jan. 6; Matthies & Griffith.....Jan. 6, 1913
Jan. 13, 1913—N E-TWENTY-FOURth 50 E 9th Ave., Okd.; S J Edwards to Alex C Wieben.....Jan. 11, 1913
Jan. 14, 1913—SE SIXTEENTH AND San Pablo Ave: Nos. 1530-24-26-28-32-34-36-40-42-44 and 46 San Pablo Ave and Nos. 525-7-9 16th St., Okd. Charles L Hoffman, A J Snyder and J F Carlston to F G Jones, Jan. 13, '13
Jan. 10, 1912—W HASS AVE 550 NE E-14th, San Leandro. William T Frost to R A Blair.....Jan. 9, 1913
Jan. 15, 1913—LOT 5 BLK 7 Berkeley Heights, Bkly. G W Davis and Roy O Long to McChesney & Folwick.....Dec. 24, 1912
Jan. 15, 1913—W MARKET 276.03 S First S 200xW 250, Okd. Pacific Gas & Elec. Co to H J Horst.....Jan. 9, 1913
Jan. 15, 1913—LOT 116 Piedmont-by-the-Lake Tract, Okd. John and Clara M Kearns to Jacob House.....Jan. 2, 1913
Jan. 16, 1913—LOT 26 BLK 9 Map Northbrae, Bkly. George G Hard to Moore & Burlingame.....Jan. 6, 1913
Jan. 16, 1913—LOT 42 BLK "H" Map 4th Ave Terrace, Okd. Robert L Hatcher and Alex A Perry to Anderson Bros.....Jan. 15, 1913
Jan. 17, 1913—LOTS 3, 4, 5 AND 6 Ptn Map Mulrooney vs Glaze, Okd. Fred Finch Orphanage to W S Snook & Son.....Jan. 17, 1913
Jan. 16, 1913—W NELSON 159.27 S Sonoma Ave S 35xW 100, Albany. H P Nelson to whom it may concern.....Jan. 14, 1913
Jan. 16, 1913—LOT 35 and part Lot 36 lying W line parallel to w bndry line Lot 36 distant at r a 35 E Map Crocker Highlands, Oakland Tp. F T Elsey to A Peterson and J Anderson.....Jan. 13, 1913
Jan. 17, 1913—LOT 15 Map Piedmont Spring Tract, Oakland Tp. C A Chickering to R L Turner, Jan. 15, '13
Jan. 17, 1913—NW JAYNE AVE 195.70 SW Euclid Ave SW 37 NW 125, Okd. Louis Johnson to whom it may concern.....Jan. 16, 1913
Jan. 17, 1913—LOT 29 BLK "N" Map 4th Ave Terrace, Okd. Piedmont Heights Bldg Co to John H Fluth and Mathew Morton.....Jan. 16, 1913
Jan. 15, 1913—N THIRD (or Lawton) Ave 741.37 E College Ave N 63 deg 53 min E 42.5 N 26 deg 07 min W 100, Okd. H M Swalley to whom it may concern.....Jan. 14, 1913

LIENS FILED

Alameda.

Jan. 4, 1913—E FAIRMONT AVE 70 S Bayo Vista, Okd. N O Nelson Mfg Co vs W H Miller.....\$38.31
Jan. 7, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. The California Door Co, \$306.60; Hogan Lumber Co, \$880.02 vs M F

Mortensen and Sigfrid A Miller....
Jan. 8, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. Herbert Hausen vs M F Mortensen & Sigfrid A & Hilma E Miller.....\$102.50
Jan. 9, 1913—NW TAFT AVE AND Broadway W along Taft Ave 37.26 N 66 E 122.85 S 108.09, Okd. A K Goodmundson vs Andrew Mattson and N A Trubeck.....\$95
Jan. 11, 1913—LOT 19 BLK 6 Map Boulevard Park, Brooklyn Tp, Okd. Hogan Lumber Co vs H D Graves and Mary A Richardson.....\$738.08
Jan. 11, 1913—S ELMWOOD AVE 45 W Linden Ave Ptn Lot 12 Blk "D" Elwood Park, Bkly. Contra Costa Bldg Material Co vs The Edward Barry Co.....\$155.65
Jan. 11, 1913—LOT 4 BLK "F" Map Northbrae Terrace, Bkly. Sunset Lumber Co vs F L Clark and W M Converse.....\$645.90
Jan. 11, 1913—SW ELMWOOD AVE and Linden Ave Ptn Lot 13 Blk "D" Elwood Park, Bkly. Contra Costa Bldg Material Co vs The Edward Barry Co.....\$158.33
Jan. 13, 1913—NW EIGHTY-SIXTH Ave 220 NE Plymouth NE 60xNW 132.50, Okd. Melrose Lumber & Supply Co vs Ernest T Matteson.....\$150.88
Jan. 15, 1913—SE CHETWOOD 100 NE Santa Rosa Ave NE 40xSE 132, Okd. W P Fuller & Co vs N A Trubeck.....\$99.36
Jan. 15, 1913—E MADISON 70 N 7th N 30 E 75 S 30 W 25, Okd. R R Carpenter vs L A Brown and Geo Fagan.....\$146.30
Jan. 15, 1913—NE SANTA ROSA AVE and SE Chetwood NE Chetwood 100 SE 44, Okd. W P Fuller & Co vs N A Trubeck.....\$131.91
Jan. 15, 1913—NE SANTA ROSA AVE 44 SE Chetwood NE 100xSE 44, Okd. W P Fuller & Co vs N A Trubeck.....\$140.95
Jan. 15, 1913—NE SANTA ROSA AVE 88 SE Chetwood NE 100xSE 44, Okd. W P Fuller & Co vs N A Trubeck.....\$106.47
Jan. 16, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. L R Green vs Cement Products Co and L Zwall.....\$173
Jan. 16, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. Hogan Lumber Co vs H E Gregory and Lolke Zwall.....\$322.50
Jan. 16, 1913—LOT 10 Map Batchelder Tract, Okd. Hogan Lumber Co vs K H Ourish and Parthenia D Bryant.....\$655.42
Jan. 16, 1913—LOT 34 BLK "D" Map Bowles & Fitzgerald Tract, Okd. Bay Elec Co, \$50.50; Swift & Wilcox, \$151.35 vs M F Mortensen and Sigfrid A and Hilma E Miller.....\$92
Jan. 17, 1913—LOT 134 BLK "D" Bowles & Fitzgerald Tract, Okd. T A Johnson vs M F Mortensen and Sigfrid A Miller.....\$92
Jan. 17, 1913—E TELEGRAPH AVE 190 S Channing Way S 80xE 110, Bkly. A M Poulsen vs J R Newsum, J A Elston and Berkeley Bank of Savings & Trust Co.....\$303.45

SAN JOSE AND SANTA CLARA VALLEY.

RESIDENCE — 2 story and base, frame, \$7,000. Menlo Park, San Mateo Co., Cal. Architect, William C. Hays, Foxcroft Bldg., S. F. Owner, Dr. Howard Morrow. The dwelling will con-

tain eight rooms, baths and sleeping porch. Interior finish will be of pine, redwood and hardwoods. Oak floor will be used throughout except in the bath rooms, which will have composition floors and will be finished in tile. There will be furnace heat and one fire places. Mantels will be of brick and tile. Tile will be used in the kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster and shiplap. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$50,000. Fair Oaks, San Mateo Co., Cal. Architects, Bliss & Pavlin, Balboa Bldg., S. F. Owner, John Stern. The dwelling is to be designed for a large and palatial country home. There will be in the neighborhood of fourteen rooms, several baths, laundry and a garage. The grounds will also be laid out in the Italian style. Interior finish will be of pine, redwood and hardwoods. Floors will be of oak throughout. There will be a central heating system, open fire places and mantels of brick and tile. Bath rooms will be finished in tile and will have composition floors. The exterior of the house will probably be covered with cement plaster on metal lath. Plans are now being prepared for this work.

Building Contracts.

SANTA CLARA COUNTY.

McKENDRIE St., San Jose. All work for seven-room bungalow. Owner.....Geo. W. Briggs. Architect...Bungalov Craft Co. Plan No. 547.
Contractor...T. Horridge, E. O. Talbot and John Gill.
Filed Jan. 4, '13. Dated Jan. 3, '13.
Roof completed.....\$750
Plastering completed.....750
All work completed.....750
Usual 33 days.....750
TOTAL COST, \$3000
Bond, \$1500. Surety, M. C. Talbatt. Limit, before May 20, '13. Forfeit, none. Plans and specifications filed.

LOS GATOS ROAD AND CYPRESS AV. Saratoga. All work except lumber, mill work, painting, window shades, etc., for one and one-half-story dwlg. Owner.....Mrs. John G. Kennedy, Cor. Hedding and The Alameda San Jose.
Architect...Austin & Hicks, 2728 Union, San Francisco.
Contractor...C. N. Smith.
Filed Jan. 8, '13. Dated Jan. 5, '13.
Frame up.....4
Plastered.....4
Completed.....4
Usual 33 days.....4
TOTAL COST, \$3185.50
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

WILLIAMS ROAD, Williams Station, Santa Clara Co. All work for two-story frame dwelling and garage. Owner.....Harry Bachr, 2919 Fillmore, San Francisco.
Architect...Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor...A. Compton, 547 N-11th St., San Jose.

Filed Jan. 13, '13. Dated Jan. 10, '13.
Frame up.....\$1186.75

Boat plaster on..... 1186.75
 Residence and garage done..... 1186.75
 Usual 35 days..... Remainder
TOTAL COST, \$4747.00
 Sureties, W. M. Stalker
 d. K. Lambert. Limit, 90 days.
 Forfeit, none. Plans and specifications
 filed.

LOT 10 DEED BY HARRISON,
 Moore, Madison and Fremont Sts.,
 Santa Clara. All work for frame
 Grammar School building from founda-
 tion up (except brick chimneys).
 Board of Education, Town
 of Santa Clara.
 Wm. Binder, Theatre Bldg.
 San Jose.

Contractor...Morris Bros, Santa Clara
 Jan. 15, '13. Dated Jan. 14, '13.
 If and 6th of each month as
 work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$57,450
 Sureties, D. O. Druffel
 J. J. Eberhard. Limit, 7 months
 on Jan. 15, '13. Forfeit, none. Plans
 and specifications filed.

VELFTH, bet Mission and Vestal
 Ave., San Jose. Four-room cottage.
 Joe Bondi, Premises.
 None.
COST, \$1100

Contractor...Fred Beck, 250 Monroe,
 San Jose.
 None.
 A. W. Hastings, 696 S-3rd,
 San Jose. **COST, \$600**

HUMBOLDT AND ORCHARD, San
 Jose. Four-room cottage.
 S. Rabena, Premises.
 None.
COST, \$1000

99 N-SAN PEDRO, San Jose.
 Three-room cottage and garage.
 A. Pons, Premises.
 None.
 L. Gardner, 197 Hawthorn
 Way, San Jose. **COST, \$1000**

Building Contracts.

SAN MATEO COUNTY.

1 AND 2 BLK 16, San Mateo.
 Outside finish for substation except
 painting.
 Pacific Gas & Elec. Co., 445
 Sutter, San Francisco.
 None.
 Herman Bosch, 4420 20th,
 San Francisco.
 Jan. 13, '13. Dated —.
 Progressive payments of..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$650
 Surety, Massachusetts
 Building & Insurance Co. Limit, 20
 days. Forfeit, none. Plans and specifi-
 cations filed.

Completion Notices.

SAN MATEO COUNTY.

RECORDED **ACCEPTED**
 Jan. 2, 1913—E ½ LOT 49 SUB 1, San
 Mateo Park. Adolph S Blach to

Baton & Smalridge. Dec. 21, 1912
 Jan. 4, 1913—LOT 4 BLK "T" Sub div
 3; Blk G and H Sub No. 2, Hayward
 Park, San Mateo. Katherine L.
 Beals and Roger L. Beals to F H
 Baring.....Dec. 28, 1912
 Jan. 9, 1913—NE NEWLANDS AVE
 and Central Ave, Burlingame. John
 Francis Casey to J E McCarthy.....
 Jan. 8, 1913
 Jan. 9, 1913—LOT 12 BLK 11, Crocker
 Tract. Florence Stockton to whom
 it may concern.....Jan. 6, 1913
 Jan. 11, 1913—COUNTY ROAD Adj. St.
 Matthew's Church, San Mateo. Red
 Cross Hospital to E M Huie & Co
Jan. 6, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUILDING CONTRACTS

CONTRA COSTA COUNTY.

TOWN OF BRENTWOOD. All work
 for one-story bank building.
 Owner.....Balfour-Guthrie Invst. Co.,
 350 California, S. F.
 Architect...McDougall Bros., Russ
 Bldg., San Francisco.
 Contractor...Leech & Waters Co.,
 Hearst Bldg., S. F.
 Filed Jan. 13, '13. Dated Jan. 10, '13.
 Walls up and foundations in...\$1000
 Walls level with ceiling joists.....
 Roof on water tight..... 857
 Work completed 1000
 Usual 35 days..... 1619
TOTAL COST, \$6476
 Bond, \$3250. Surety, New England
 Casualty Co. Limit, 90 days. Forfeit,
 \$5. Plans and specifications filed.

CONTRA COSTA COUNTY.

Liens Filed.

RECORDED **AMOUNT**
 Jan. 13, 1913—LOT 4 BLK "A" East
 Shore Park Tract. Stege Lumber
 & Hardware Co vs M Maddox.\$254.29
 Jan. 13, 1913—LOTS 2 AND 3 BLK 79,
 City of Richmond. Leo Alpers vs
 John S Jennings and Tessie I Ship-
 man\$65

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

LODGE HALL—3 story and base,
 brick, \$20,000. Modesto, Stanislaus Co.,
 Cal. Architect, Ralph P. Morrell, Yo-
 semite Theatre Bldg., Stockton. Owner,
 John S. Tully. The first floor of
 the building will contain stores and
 an entrance to the lodge hall. Upper
 floors have been leased to the Modesto
 Elks. Interior finish will be of pine
 throughout. Steam heat will be in-
 stalled with an oil burning furnace.
 The exterior will be faced with pressed
 brick. Plans are now being prepared
 and will be completed as rapidly as
 possible.

SEWER SYSTEM—\$80,000. Hanford,
 Kings Co., Cal. Engineer, City Engi-
 neer, Hanford. Owners, City of Han-
 ford. Notice has been sent to all bid-
 ders on this work of an extension of
 time of opening figures until January
 27th. Bids were to have been opened
 on January 20th.

LODGE HALL—4 story and base,
 brick. Cost not stated. Fresno, Fresno
 Co., Cal. Architects, Starbuck & Clark,
 Fresno. Owners, Knights of Pythias.
 The building is designed for a four-
 story structure, but only the first story
 will be erected at this time. The first
 floor will contain four stores. This
 work has been estimated to cost \$15,-
 000. The architects are taking figures.

Completion Notices.

FRESNO COUNTY.

RECORDED **ACCEPTED**
 Jan. 10, 1913—LOTS 7, 2 BLK 1 Van
 Ness Park, Fresno. George and
 Carrie Kaehler to F J Stone.....
 Jan. 8, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

Contracts Awarded.

BUNGALOW—1 story and base,
 frame, \$3,000. Stockton, San Joaquin
 Co., Cal. Architect, Ralph P. Morrell,
 Yosemite Bldg., Stockton. Owner, Mr.
 Shannon. Contractor, Mr. Shannon.
 Contract price, \$3,000.

BANK—1 story and base, reinforced
 concrete, \$25,000. Lodi, San Joaquin
 Co., Cal. Architect, Walter King,
 Elks' Bldg., Stockton. Owners, Bank
 of Lodi. Contractor, general construc-
 tion, Lucas, \$31,975; plumbing, Hender-
 son & Co., \$3,112.50; heating and ven-
 tilating, Gnekow, \$2,696. For a com-
 plete list of all figures presented see
 under Sacramento, Stockton and
 Northern California in this issue.

Bids Run Close For Lodi Bank.

Contractor Luens of Stockton is Low Man for the New Bank Building at Lodi.

Bids opened by Architect Walter King, Elks' Bldg., Stockton, for the construction of the new Lodi Bank showed Contractor Lucas, of Stockton, low at \$31,975 for the general construction. Henderson & Co. were low on the plumbing at \$3,412.50 and Gnekow low on the heating at \$2,696. The building will be a one-story and basement monumental structure of the Class "A" type. The following is a complete list of all figures presented:

General Construction.

Lucas	\$31,975.00
Carey	32,476.00
Voorbries	32,850.00
Daniels & Green.....	32,876.00
Burns	33,725.00
Rose	33,871.00
Cheerhardt & Nystead...	34,576.00
Home Builders	36,156.70
Sinnett Bros.	36,974.00
Arlott	39,814.00

Plumbing Work.

Henderson & Co.....	\$3,412.50
Brandt	3,500.00
Gnekow	3,546.00

Heating and Ventilating.

Gnekow	\$2,696
Brandt	2,700
Henderson & Co.....	2,904

All figures have been taken from report and in general all contracts will be made next week.

Building Contracts.

SACRAMENTO COUNTY.

LOT 4, J. K. 4TH AND 5TH STS., Sacramento. Concrete plan for seven-story and basement concrete hotel building.

Owner....Mar. Investment Co.
Architect...Culv & Diers, Bldg. Bldg., Sacramento.

Contractor...Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor...Ross Construction Co.
Filed Jan. 14, '13. Dated Jan. 3, '13.
COST, \$8750

LOT 8, I. J. 5TH AND 6TH STS., Sacramento. Granite work for five-story and basement Class "B" brick bldg.

Owner....Y. M. C. A.
Architect...E. C. Hemmings, 1005 K St., Sacramento.

Contractor...Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor...Pacific Granite Co.
Filed Jan. 16, '13. Dated Jan. 14, '13.
COST, \$600

Building Contracts.

SAN JOAQUIN COUNTY.

NO. 343 E-FREMONT, Stockton. Remodel three-story frame building.

Owner....Mrs. M. S. Thresher, 527 N. Sutter, Stockton.

Architect...None.
Day's work.....COST, \$1200

LOT 3 BLK 66 W Stockton. Erect frame building.

Owner....Dr. G. E. Minahan.
Architect...R. L. Phillips, Hotel Annex Office 3, Stockton.

Day's work.....COST, \$2900

LOT 7 BLK 61 W Stockton. Remodel frame building.

Owner....Ellen A. Oldham.

Architect...None.
Day's work.....COST, \$300

LOT 7 BLK 94 E Stockton. Frame bldg

Owner....Jossie Orton.

Architect...None.

Day's work.....COST, \$1200

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—5 story and base. Class B construction, \$125,000. Los Angeles, Cal. Architect, J. W. Chalmers, Mason Bldg., L. A. Owner, A. L. Hill. The building will cover an area of 96x148 feet. Plans provide for a total of 183 guest rooms, which will be arranged in two, three and four room suites with baths and wall beds. There will also be a large lobby, amusement room, ball room, billiard room and ladies' parlor. Steam heat, automatic elevators and a vacuum cleaning system will be installed. Interior will be finished in pine and mahogany. Considerable tile and marble will be used. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—Class A con-

struction cost not stated. Los Angeles, Cal. Architects, Train & Willson, Exchange Bldg., L. A. Owner, H. J. Ayres. The building will be of the reinforced concrete type and will contain 120 rooms, which will be arranged in large suites of from four to six rooms each. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile with composition floors. There will be steam heat, elevator service, wall beds and a vacuum cleaning system. Construction will be fireproof with metal window sash and frame and hollow tile interior partitions. The exterior will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, H. V. Bard. The building will be 65x110 feet, and will contain 168 rooms arranged in two and three room suites. All suites will have connecting baths and wall beds. Interior finish will be of pine. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, C. J. Christie. The building will be 50x121 feet, and will contain 72 rooms arranged in two and three room suites with wall beds and private bath rooms. There will be steam heat and a hot water heating system. Interior finish will be of pine, redwood and some oak. Bath rooms will have tile walls and composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are in the course of preparation.

APARTMENT HOUSE—4 story and base, brick, \$40,000. Ocean Park, Los Angeles Co., Cal. Architects, Ye Planny Building Co., Title Insurance Bldg., L. A. Owners, Hoyt Bros. The building will contain 55 rooms arranged in suites of two and three rooms each with private bath and wall beds. Interior finish will be of pine and redwood. There will be steam heat. Hot and cold water will be supplied to all rooms. Bath rooms will have composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

HOTEL—5 story and base, reinforced concrete. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, Frank T. Koglev, Consolidated Realty Bldg., L. A. Owners, Messrs. Stinemann and Kramer. Construction will be Class A in all respects with concrete floors and hollow tile interior partitions. There will be a total of 100 guest rooms and 66 baths. Steam heat, two elevators and a vacuum cleaning system will be installed. Interior finish will be of pine, redwood and some hardwood. Lobby, office and parlors will have ornamental plaster decoration. The exterior will be faced with cement plaster with the inlays. Plans are complete and figures are being taken.

HOTEL—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Hudson & Mangell, Stimson

Bldg., L. A. Owner, Dr. W. T. Covington. The first floor will be arranged for stores and the upper floor for number of single rooms. There will be several baths. Interior finish will be of pine throughout. Hot and cold running water will be supplied to a rooms. The exterior will be face with pressed brick. Plans are complete and ready for figures.

HOTEL—2 or 4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Frank M. Tyler, Hibernian Bldg., L. A. Owner, A. W. Ross. The building will be 47x140 feet. The first floor will contain the hotel lobby and several stores. Upper floors have been arranged for 27 guest rooms and 10 baths on each floor. Interior finish will be of pine and redwood. There will be steam heat and, if a four story building is erected, an elevator. All rooms will be supplied with hot and cold running water. The stores will have patent fronts. The exterior of the building will be faced with pressed brick. Plans are being prepared and when complete the work will be done by Day Labor.

HOTEL—3 story and base, brick. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architect, S. Tilden Norton, Title Insurance Bldg., L. A. Owners, Henry Klein and Adol. Schwartz. The building, which has been arranged for stores on the first floor, will be 40x90 feet. Upper three floors will contain a total of thirty rooms and four baths. Interior finish will be of pine. There will be steam heat and hot and cold running water. Metal window frames and sash will be used. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

SCHOOL—1, 1 story and 1, 2 story and base, brick. Cost not stated. Huntington Park, Los Angeles Co., Cal. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owners, Huntington Park School District. The main building will be two stories in height and will cover an area of 122x176 feet. The domestic science building will be 39x71 feet and one story high. Both buildings are designed in the classic style and will be faced with pressed brick. Interior finish will be of pine and pine and hardwood floors will be used. There will be a central heating system. Bonds in the sum of \$65,000 have been voted. Plans are being prepared.

STORES AND LODGE HALL—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Arthur L. Acker, Story Bldg., L. A. Owner, Emma Oswald. The building will be 50x110 feet. The first floor will contain two stores and the upper floor is to be arranged for a lodge hall with a complete stage. Several offices are also to be provided for on this floor. Floors in the stores will be of cement. Gas steam radiators will be used. Interior finish will be of pine. There will be patent store fronts. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOFT BUILDING—10 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners Hill Street Lot Co. Preliminary plans only have been prepared but these show a structure 58x165 feet

of reinforced concrete throughout. There will be both freight and passenger elevators, steam heat and modern plumbing. The structure is to be used for light manufacturing purposes. There will be metal window sash, sidewalk elevators and copper cornice. Plans are being prepared. The project is being handled by Alex MacKeigan, 421 Story Bldg., L. A.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, S. L. Weintraub. The building will cover an area of 50x90 feet, and is to contain 51 rooms besides the lobby, amusement room and parlors. Suites will consist of two and three rooms each. There will be wall beds and private baths. Steam heat and elevators will be installed. Interior finish will be of pine, redwood and oak. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

BRIDGE—Concrete and steel. Cost not stated. Monrovia, Los Angeles Co., Cal. Engineer, City Engineer, Monrovia. Owners, Towns of Monrovia and Arcadia. These two neighboring towns have instructed the City Engineers to prepare plans and specifications at once for a bridge to connect the two towns. None of the particulars have been published as yet.

BRIDGES—2, steel and concrete, \$70,000. Phoenix, Ariz. Engineer's name not given. Owners, San Carlos Indian Reservation. Congressman Carl Hayden has secured an appropriation of the above amount for the construction of two bridges, and the Interior Department has ordered plans and specifications prepared.

FIRE AND POLICE DEPARTMENT BUILDING—2 story and base, brick, \$40,000. Hollywood, Los Angeles Co., Cal. Architect, J. J. Backus, City Hall Bldg., L. A. Owners, City of Hollywood. The building will contain the offices of the department heads. There will be a central heating system, pine interior trim and modern plumbing. The exterior will be faced with pressed brick. Plans have received the approval of the Police and Fire Commissioners and the Art Commission. Bids will be taken by Mr. Backus for all parts of the work.

WAREHOUSE—4 story and base, reinforced concrete, \$30,000. Long Beach, Los Angeles Co., Cal. Architect, George Harding, Citizens' National Bank Bldg., L. A. Owners, City Transfer, Van and Storage Co. The building will be 50x125 feet and fireproof throughout. There will be concrete floors, metal window sash and frames and underwriters' doors. Freight elevators will be installed. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are being prepared.

WAREHOUSE—1 story, reinforced concrete and steel. Cost not stated. Los Angeles, Cal. Architect's name not given. Owners, Outer Harbor Dock and Wharf Co., Union Oil Building, L. A. The building will be 105 feet wide and 577 feet long. Construction throughout will be fireproof. Pile foundation is now being driven and the balance of the construction will follow at once. Work is being carried on under the personal direction of the owners, and full particulars can be secured from them.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, Mark G. Jones, Merchants' Trust Bldg., L. A. The building is to be erected on the site of an old residence on Flower street near 10th, and will be designed for a commercial garage. Mr. Jones has not selected an architect and no details of the building have been determined. Full particulars will be given in these columns as the plans progress.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, W. L. Riley, 210 So. Fremont St., L. A. The building will be erected on West Second street, and is to cover an area of 74x125 feet. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. The exterior of the building will be faced with pressed brick. The owner is preparing the plans and the work will be done by Day Labor.

LODGE HALL—2 story and base, brick, \$30,000. Anaheim, Orange Co., Cal. Architect, Oscar Lagman, Anaheim. Owners, Anaheim Masonic Temple Association. The building will cover an area of 90x125 feet. The first floor will be arranged for two stores. There will be a number of offices in the front portion of the second floor and lodge rooms in the rear. A central heating system will be installed. Interior finish will be of pine and oak. The exterior of the building will be faced with pressed brick. Plans have been approved and bids will probably be called for at the next meeting of the owners on January 20th.

HOSPITAL—3 story and base, brick and concrete. Cost not stated. Los Angeles, Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, Westlake Hospital Association. The building will contain a number of wards, both public and private. Foundations and bearing walls have been designed to carry three additional stories. There will be steam heat and elevator service. Interior finish will be of pine and hardwoods with all corridors finished in tile. The exterior will be faced with pressed brick. Roof will be of metal tile. Plans are complete and figures are being taken.

HOSPITAL ADDITION—1 story. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owners, Columbia Hospital. The addition will be of one story to a present four-story concrete building, and is designed for an operating pavilion. Construction will be Class A throughout. Similar additions are planned for the central building and the west wing. Bids will be called for at once on the addition above mentioned.

HOTEL—3 story and base, brick, \$26,000. San Diego, Cal. Architect, John S. Siebert, San Diego. Owner, B. W. Harris. The building will be erected on State street, between D and E streets, and has been arranged for stores on the first floor and 40 guest rooms and 15 baths on the upper two floors. A central heating system will be installed. Interior finish will be of pine and redwood. The exterior will be faced with pressed brick. Plans are being prepared.

RESIDENCE—2 story and base, brick and frame, \$35,000. Los Angeles, Cal. Architect, A. F. Rosenheim, H. W.

Hellman Bldg., L. A. Owner, J. C. Rives. The dwelling has been designed for a 12-room house with several baths. Interior finish will be of pine, redwood and mahogany. Hardwood floors will be used throughout. Bath rooms will be finished in tile. There will be a central heating system and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. The exterior of the dwelling will be covered with pressed brick veneer. Plans are being prepared.

SCHOOL—2 story and base, brick. Cost not stated. Bonito Indian School, New Mexico. Architect, Dept. of Interior, Washington, D. C. Owners, United States Government. Plans and specifications can be secured from the Interior Department at Washington, D. C., for the construction of this building. Bids will be opened in Washington, D. C., on February 12th.

MUNICIPAL WATER SYSTEM—\$1,600,000. Riverside, Riverside Co., Cal. Engineer, City Engineer, Riverside. Owners, City of Riverside. Bonds to the amount above mentioned were recently voted to purchase the present water supply system of Riverside and to construct extensive new additions to both the domestic and fire supply systems. Work will be undertaken within a few weeks.

STORES—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, D. Botillier. The building will occupy a corner site and will cover an area of 100x100 feet. There will be a cement floor, patent store fronts, marble and tile base and wainscoting. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans for this work are now being prepared.

STORES AND OFFICES—4 story and base, brick and steel. Cost not stated. San Diego, Cal. Architects, Quayle Bros. & Cressy, Savoy Theatre Bldg., San Diego. Owner, R. G. Miller, Pres. of the Owl Drug Co. The present building at the corner of 4th and D streets is to be wrecked and a new four-story building erected on the site. The first floor will contain stores and the upper floors modern offices. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be largely of metal. The exterior will be faced with pressed brick. Plans are now being prepared.

MARKET—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owners, Jeffries and Lenk. The structure will cover an area of 95x210 feet. There will be a cement floor, patent store fronts, considerable tile and marble work, ice boxes and a refrigerating plant. The exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$40,000. Venice, Los Angeles Co., Cal. Architect's name not given. Owners, D. D. Smith and J. F. Mitchell. Contractors, Fireproof Construction Co., Venice. Contract price, \$40,000.

APARTMENT HOUSE—3 story and base, brick, \$18,775. Long Beach, Los Angeles Co., Cal. Architects, Austin & Lochridge, 18 Locust Ave., Long

Seattle. Owners, Hoquiam School District. The building will cover a ground area of 89x175 feet. There will be a number of standard sized class rooms, an auditorium seating 450 people, manual training and domestic science departments and all other requirements of a modern high school. Roof will be carried on steel trusses. Stairways and halls will be of reinforced concrete. There will be a steam heating system and fan ventilation. The exterior of the building will be faced with cream colored terra cotta. Plans will be completed within a week.

STORIES AND LOFTS—3 story and base, brick and concrete, \$30,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, Wallis & Sons. The building will be erected on So. C street. The first floor will be occupied by the owners, who are engaged in the retail business. Upper floors will be arranged for lofts. There will be steam heat, elevator service and metal window sash and frames. The exterior will be faced with pressed brick. Interior finish will be of pine throughout. Plans are now complete and figures will be called for at once.

Contracts Awarded.

THEATRE—1 story and base, reinforced concrete, \$15,000. Bremerton, Wash. Architect, Max Umbrecht, Globe Block, Seattle. Owner, A. G. Benbenick. Contractor, H. A. Hatfield, Bremerton. Contract price, \$15,000.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file numbers.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10146.—A prominent furniture dealer in a foreign country informs an American consulate that he desires catalogues of American furniture of the following description: Chairs, rocking chairs, settees, etc., of round bent wood with cane seats, strong but of a very cheap grade, iron bedsteads of the simplest and cheapest grades. This merchant secures the wood furniture from European countries, but desires to purchase in the United States. Cheapness is the prime requisite for his class of trade. Catalogues in French, and prices quoted in francs with dimensions in the metric system, the preferred, but catalogues in English can be used if necessary. Dimensions of goods packed ready for shipment should be quoted f. o. b. New York, N. Y., or Mobile, Ala.

No. 10148. Galvanized iron, zinc, barbed wire, etc.—The Bureau of Foreign and Domestic Commerce is in receipt of a communication from a business man in Porto Rico requesting to be put in touch with American manufacturers of galvanized iron, barbed wire, etc.

No. 10151. Electric clocks.—The American consulate at Buenos Aires, Argentina, has forwarded a call for tenders for electric clocks to be installed by the municipality in various localities of the city; also translation of the provisions. Bids should be ad-

ressed to the Subsecretaria de Hacienda de la Municipalidad, Buenos Aires, Argentina, and will received until February 10, 1913.

No. 10152. Chemicals.—A large and important firm in a European country informs one of the commercial agents of the Department of Commerce and Labor that it is very anxious to get in touch with producers of carbonate of magnesia, phosphate of Florida, nitrate of potash, and sulphate of copper. The firm mentioned is the largest importer of chemicals in the country and has many branch connections. It is prepared to meet terms of payment, provided the goods and prices are satisfactory. Correspondence may be conducted in English.

No. 10153. Furniture, watches, shoes, silverware, paints, hardware, etc.—The Bureau of Foreign and Domestic Commerce is in receipt of a communication from a business man in a South American country stating that he has been established in business in that country for many years and would like to represent American manufacturers of office furniture, boots, and shoes, watches and clocks, silverplated articles, paints, hardware, printing paper for newspapers, etc. He furnishes references. Correspondence may be in English.

No. 10154. Wooden sectional bookcases.—A prominent firm of importers and wholesalers in the Levant has informed an American consulate that it desires to be put in touch with American manufacturers and exporters of wooden sectional bookcases. Catalogues, prices, and discounts should be forwarded and quotations submitted c. i. f. certain city. American sectional bookcases are generally admired in that region, and if the matter is given proper attention good results should be obtained. Correspondence should preferably be in German or French.

No. 10155. Copper, brass, bronze, iron, and steel manufacturers.—An American consular officer in Italy reports that a local firm desires to represent on the local market American manufacturers of the following lines: Aluminum plates and ingots, brass and bronze ingots, copper ingots and tubing of large sizes, extra heavy anchor chains, steel plates for shipbuilding, steel tubes of large diameter for marine boilers, a single iron and brass tubing especially adapted for metal beds, the tubing to be square and not round. The firm is willing to be in a position to push the sale in Italy of the above lines and can furnish references. Correspondence in English, Italian, or French.

No. 10184. Office furniture.—A report from an American consul in a European country states that a local dealer in office furniture and office supplies has asked to be supplied with catalogues of American office furniture. Correspondence may be in English.

No. 10185. Lumber.—A large German dealer in over-sea lumber and wood informs an American consulate that he desires to be placed in communication with American dealers in raw materials of lumber, with a view to making arrangements for regular importations. Direct correspondence giving prices, terms, etc., is desired, and references are preferred in the German language.

No. 10186. Boilers, engines, machinery,

etc., automobiles, etc.—An American consul reports that a firm in a European country desires to receive catalogues of American engines, mounted and unmounted, turbine motors, all kinds of pumps, machinery, and all kinds of boilers, engine weights, etc. The firm is a large American general contractor and desires to certain extent to be supplied with goods in England.

No. 10187. Locomotives, motor boats, engines, machinery, pumps, etc.—A large American firm, who besides running a large manufacturing line of the large locomotives in the country in which it is located, also builds and now manufactures a number of the largest and most modern in the city, informs an American consular office that he desires catalogues and prices on the following articles: Narrow gauge locomotives, motor boats, kerosene and turbine engines, connected with centrifugal pumps for flow machinery for the purpose of delivering material in the construction of buildings, brick-making machines (wet process), steam saws, etc. for large sawcutting work. Prices should be quoted c. i. f. city of destination, but if this is not possible, then f. o. b. American seaport, with freight rates to destination, in which case it is desired that shipping weights and measurements be stated. Correspondence may be in English but Russian would be preferred.

No. 10191. Novelties and office specialties.—An American consular officer in Canada reports that business men in his district have requested the names of American manufacturers of novelties and office specialties. He desires to enter into direct correspondence with the manufacturers of such articles.

No. 10195. Cement factory.—A report from an American consular officer contains receipt of a communication from the mayor of a city in the district in which he is appointed for the establishment of a cement factory. The mayor would like to have an American engineer assist in the proposition and construction of a cement factory made with cement of American origin on the territory of the city mentioned.

No. 10197. Fire apparatus.—An American consul reports that in an industrial country the fire engines selling in that country could profit by being made of American make. The fire engines in that country will be of the American type, and the responding demand for the necessities of cities and towns is increasing. The consul is desirous of being further informed as to the possibilities of doing business in this line.

No. 10198. Fire apparatus.—An American consul reports that in an industrial country the fire engines selling in that country could profit by being made of American make. The fire engines in that country will be of the American type, and the responding demand for the necessities of cities and towns is increasing. The consul is desirous of being further informed as to the possibilities of doing business in this line.

No. 10199. Fire apparatus.—An American consul reports that in an industrial country the fire engines selling in that country could profit by being made of American make. The fire engines in that country will be of the American type, and the responding demand for the necessities of cities and towns is increasing. The consul is desirous of being further informed as to the possibilities of doing business in this line.

No. 29. S. Machinery and electrical appliances.—A report from an American consular officer states that a foreign firm some time ago was granted a concession for the distribution of electrical power for various purposes. The power plants and repair shops are at present under construction and will be in operation during the spring of 1912. The company is now in the market for power-house and machinery, steel cables, wire, batteries, generators, electric motors, glass insulators, tools, and implements of all kinds, as well as all sorts of electrical appliances, such as lamps, stoves, irons, chandeliers, etc. Showrooms have been opened for the exhibition of such articles.

NEW INVENTIONS.

Reported especially for this paper by H. B. Willson & Co., Patent Attorneys, 715 Eighth street, N. W., Washington, D. C.

A complete copy of any of these patents will be forwarded to any person by Messrs. Willson & Co., on receipt of 10 cents. Persons ordering copies must give number of patent.

1,048,838. Form Holder for Concrete Construction. John R. Johnson, Chicago, Illinois.

1,048,923. Fireproof Door. James A. Wheeler, Somerset County, N. J.

1,048,938. Knockdown Concrete Building. Walter C. Broughton, Kansas City Mo.

1,049,005. Device for Operating Windows or Shutters. Ezekiel Van Noorden, Boston, Mass.

1,049,009. Combined Trough and Glass Support for Glazed Structures. Ezekiel Van Noorden, Boston, Mass.

1,049,050. Drawing Room Fountain. Fritz Chöne, Berlin, Germany, assignor to Gebr. Marklin & Co., Goppingen, Germany.

1,049,064. Knockdown Balcony. Earl T. Edmonston, Pittsburg, Pa.

1,049,096. Door Check and Closer. D. J. Hurley, Sale, Victoria, Australia.

1,049,221. Foundation. Edgard Frankignoul, Liege, Bel.

1,049,262. Fireplace. G. L. Perrine, St. Johns, Oregon.

1,049,373. Weather Strip for Metal Window. Alfred M. Lane, St. Louis, Mo. assignor to Monarch Metal Weather Strip Co., St. Louis, Mo.

1,049,392. Weather Strip. Jno. D. Pierce, St. Louis, Mo., assignor to Monarch Metal Weather Strip Co., St. Louis, Mo.

1,049,410. Artificial Stone. Philip M. Sharples, West Chester, Pa.

1,049,420. Reinforced Concrete Building Construction. Arthur C. Tozzer, Lynn, Mass.

1,049,429. Fireproof Door. Jas. A. Weller, Somerset County, N. J.

1,049,502. Building Construction. C. F. Long and Alden B. Hersman, Los Angeles, Cal.

1,049,530. Vault Light. Willis M. Prattler, Kansas City, Mo.

1,049,566. Fireplace Damper. Paul Delsing, Seattle, Wash.

1,049,620. Lathing. Alex. P. White, Caldwell, N. J.

1,049,630. Building Materials. Alex. P. White, Caldwell, N. J.

1,034,631. Building Material. Alex. P. White, Caldwell, N. J.

1,049,702. Concrete Structure. Chas. B. Grady, W. Orange, N. J.

1,049,707. Window Lock. Fred'k. C. Guphill, Elgin, Ill., assignor to Wm. F. Lynch, Elgin, Ill.

1,049,725. Floor Clamp. Oscar Johnson, Marseilles, Ill.

1,049,733. Corner Bead. Geo. S. Knapp, La Grange, Ill., assignor to Knapp Bros. Mfg. Co.

1,049,872. Drop Siding Clamp. John Kopecky, Angus, Minn.

1,048,484. Building Material. Karl E. Becker and John L. Knapp, Denver, Colorado.

1,048,15. Concrete Block Machine. Charles P. Flowers, Pocahontas, Ark., assignor to Ferdinand Spinnenweber, Pocahontas, Ark.

1,048,517. Shingle. Jacob G. Fox, and Ily W. Simms, Bay City, Michigan.

1,048,519. Furniture Clamp. H. J. Fuhs, Fairbault, Minn.

1,048,528. Method of Producing Wall and Floor Linings. Jan B. Hahn, Vienna, Austria, Hungary, assignor to Rudolph Kmunke, Vienna, Austria-Hungary.

1,048,550. Window. William J. Larkin, Chicago, Ill.

1,048,607. Sash Weight. Frank R. Vierling, Omaha, Nebraska.

1,048,694. Sidewalk Light. Frederick L. Hughes, Rochester, N. Y.

1,048,695. Composition for Waterproofing Concrete. Aaron C. Horn, New York, N. Y.

1,048,726. Scaffold Device. Christ Nelson, Big Rock, Ill.

1,048,738. Concrete Mixer. Morton F. Sanborn, Somerville, Mass., assignor to M. H. Reed, Pittsburg, Pa.

PRODUCTION OF RUTILE IN 1912.

Returns received by Frank L. Hess, of the United States Geological Survey, indicate that there was only one American producer of rutile in 1912—the American Rutile Co. At its mine and mill at Roseland, Nelson County, Va., this company produced 275 tons of concentrates carrying from 80 to 85 per cent of titanic oxide. The principal impurity is iron oxide carried in an iron-rich mineral which from its black color is supposed to be ilmenite. The ilmenite is easily separated from the rutile by an electro-magnet and 100 tons of such purified concentrate were produced which carried 84 per cent or more of titanic oxide. The separated material carries from 50 to 60 per cent of titanic oxide and as much as 42.3 per cent of iron oxide. It is especially adapted for making ferro-titanium. The company allowed its plant to remain idle during 1911 and did not begin operations in 1912 until June. During the year a Wetherill magnetic separator was put into operation and a pulverizer was added.

The company works ore of two sorts, phases of the same rock mass. One phase is composed mostly of feldspar, quartz, and rutile. The other contains considerable hornblende and ilmenite besides the constituents named. From the first phase a light red rutile, very free from iron, is obtained which concentrates to more than 94 per cent of titanic oxide. The rutile obtained from the other phase of the rock is somewhat darker colored than that from the first phase.

The company's product is sold for making ferro-titanium for use in the

manufacture of steel, in electrodes of the "magnetite" arc lamp, in the ceramic trade, and dyeing leather and textiles. Prices range from \$30 to \$160 a ton according to percentage of titanic oxide and quantity. Pulverized rutile and extra pure grades sell for higher prices.

Some prospecting for rutile was done at Magnet Cove, Ark., during the year, but no production was reported.

PRODUCTION OF TUNGSTEN ORE IN 1912.

The quantity of tungsten ore mined and marketed in the United States during 1912, according to preliminary figures collected by Frank L. Hess, of the United States Geological Survey, was equivalent to about 1,290 tons carrying 60 per cent of tungsten trioxide and was valued at \$492,000, besides which a smaller quantity was mined but not marketed. This is an increase over the output of 1911, which was equivalent to 1,139 tons of 60 per cent ore and was valued at \$407,955. The average price paid per unit (the unit is 1 per cent of a short ton, or 20 pounds, of tungsten trioxide) was about \$6.35 in 1912, compared with \$4.59 in 1911, but the extreme variation seems to have been less in 1912 than in the previous year. Although higher than in 1911, the price paid was unsatisfactory to the miner. It ranged from \$5.80 to \$7.25 per unit for ore running 60 per cent or more of tungsten trioxide, and \$8 was being quoted at the close of the year. Probably more concentrates were sold at \$6 than at any other figure.

The price seems rather anomalous, for ordinarily the price of tungsten ores varies with the fluctuations of the steel trade, rising and falling as the demand for steel increases or decreases. During 1912 the steel trade has been remarkably brisk and the trade in tool steel seems to have been especially good, following a reported large sale for automobiles and other articles in which much tool steel is used, but the price for tungsten has not risen as much as might have been expected. There do not seem to have been sufficient new discoveries or developments of old deposits to have over supplied the market, but it is known that a considerable quantity of concentrates had been stored and it is possible that the use of this stored stock may have prevented an otherwise natural rise. The present outlook is for higher prices during 1913.

As usual, the largest production from any single district was made from the unique ferberite deposits of Boulder County, Colo. About 1,200 tons of ore of various grades were shipped out, equivalent to 775 tons of 60 per cent ore. The Primos Mining and Milling Co. and the Wolf Tongue Mining Co. are the largest producers in the district. The Wolf Tongue Mining Co., which works its properties by a leasing system, introduced an important new feature during the year by furnishing electric hoists free to its lessees and the company also pays a portion of the cost of sinking each shaft. The lessee pays for the cost of electric current used. It seems probable that this innovation will lead to an increase in production from the

properties during 1912, unless the price could drop seriously.

In California the Atolia Mining Co., which controls the Atolia field, at the north edge of San Bernardino County, increased the production of its remarkably pure scheelite over that of 1911 and was the largest individual producer in the United States. A small quantity of scheelite was also taken at in the Stringer district, a few miles north and west of Atolia. A discovery of scheelite was reported on the west side of the Rand Mountains, but no ore was sold. A few tons of mixed wolframite and scheelite were shipped from the vicinity of Nippon, in the east end of San Bernardino County.

In Arizona a few tons of hubnerite concentrates were shipped from the Dry Placers and some ore from the claims near Dragon; hubnerite ore was shipped from Arivaca to Denver, for concentration; and some scheelite concentrates were shipped from Oracle, where scheelite is associated with gold and silver ores. Small shipments of hubnerite were made from Osceola and Tondout Mountain, Nev., and Patterson Creek, Idaho. A small quantity of hubnerite was concentrated at Loon Lake, Wash., but none was shipped. A small shipment of wolframite was made from Lordsburg, N. Mex.

NEW DRYING PROCESS.

Kiln Invented by United States Forestry Service to Dry Woods of State.

A party of California lumbermen is being made up to attend the opening of the experimental dry-kiln back of North Berkeley, upon the completion of drying experiments on California soft woods.

During the past two Winters this kiln, which embodies some radically new ideas in construction and operation, has been thoroughly tried out on California-grown eucalyptus and acacias. Before closing the experiments, however, it has been decided to demonstrate the applicability of the process developed to the ordinary commercial woods of California, including sugar and Western yellow (white) pine, white and red fir. A carload of these species, donated for the tests by the Diamond Match Company of Chico, is on the way to Berkeley.

In order to make the tests as severe as possible, only thick wide stock, fresh from the saw, will be used. The United States Forest Service, which is responsible for the design of the kiln and the method of operation, is confident that the successful drying of California soft woods is only a matter of demonstration. This belief is based, not on actual practice, but on theory. Whether the theory is correct will be shown about February 1st, when it is expected the dried lumber will be ready for removal from the kiln.

The Forest Service has been studying these questions for years, and it has been demonstrated that the type of kiln to be used must allow absolute control of temperature, humidity and flow of air, the three factors affecting kiln-drying. The kiln has been patented and the patent assigned to the people of the United

States so that anybody can construct one without paying royalties to the inventor.

Any lumberman or wood user who may desire to witness the opening of the kiln should communicate with the District Forester in this city for further particulars.

CONSTRUCTION WORK IN MEXICO.

New Railroad Hospital and Improvements in City Jail.

The National Railways of Mexico have for some time been considering the erection of a hospital for the benefit of their employees and have now definitely decided to commence this work some time during the month of January, 1913.

The hospital will be erected on lands belonging to the company near Popotla, a suburb of Mexico City. It will be equipped with all modern conveniences, and it is expected that its two wards will have a capacity for 150 patients. The grounds surrounding the building will be beautified by ample gardens. The corps of doctors in attendance will be of the best.

At the last session of the Board of Prison Supervision plans and specifications were presented for the construction on lands at the south of the city prison of buildings for shops for shoe and clothing manufactures and carpenter work. These plans were approved and the new construction work commenced on January 1, 1913. These new shops will call for the purchase and installation of new machinery and supplies.

INTERNATIONAL PARCELS POST.

Postmaster-General Hitchcock has decided, after conference with official postoffice departments that distinctive postal parcel post stamps might be used for the payment of postage on packages sent to foreign countries on international parcel post. That decision was telegraphed immediately to the postmasters of all important cities.

It follows, therefore, that both the ordinary postage stamps and the distinctive parcel post stamp may be used in forwarding packages by parcel post to foreign countries. Under the law, however, ordinary postage stamps may not be used to pay postage upon packages sent by parcel post from and to points in this country.

Postmasters have been notified, too, that packages sent to a foreign country by international parcel post cannot be insured as domestic parcels are, but they may be registered as in the past.

UNION PACIFIC TO LEASE CENTRAL PACIFIC.

NEW YORK, January 16.—It was learned from an authoritative source in New York Wednesday that the Union Pacific Railroad Company plans to take over the Central Pacific Railroad Company by lease from the Southern Pacific Company, and this way meet the requirements imposed by the Supreme Court in its decree ordering the dissolution of the Union and Southern Pacific.

Just how the Union Pacific is to assume the Central's obligations to the Southern Pacific has not yet been determined, but it is supposed that the

transfer of the lease, if consummated, will involve the transfer of some of the \$125,000,000 Southern Pacific stock now owned by the Union Pacific.

RIVER RANCH SOLD.

SACRAMENTO, Jan. 13.—E. L. Miller of Enid, Oklahoma, has bought from J. P. Johnston of Nicolaus, a 303 acre tract paying \$17,000. The deal was made by the Trainor-Desmond Company.

Miller is in Sacramento and has announced that he proposes making the tract a fine dairy farm on which will be produced alfalfa and high-class milk cows. The 303 acres is in the Natomas Consolidated Reclamation District north of the city.

Another deal reported by the of 100 acres of land near Riego, formerly owned by M. E. Murphy to the Natomas, for about \$4,000.

WATSONVILLE, January 18.—Bids will be called for at once by Architect Douglass for plans for a new fruit cannery which is to be erected here before the coming fruit season. More than 300 men will be employed in the plant, which will put up strawberries, apricots and other fruits grown in the Pajaro valley. Already the Crown Cordial and Extract Company, which is behind the venture, has contracted for the delivery of 12,000 crates of strawberries in May.

SELECT SITE FOR BRIDGE.

REDDING (Shasta Co.), January 18. A site for the proposed Market Street bridge across the Sacramento River—the structure that is required to bring the State highway through the business heart of Redding—has been chosen by the City Trustees. The site is near the Reid Ferry.

The Trustees, apparently, favor a concrete bridge, rather than a steel structure. Plans and specifications will be prepared at once and bids advertised for. As this will be done under the supervision of the State highway engineers, and whatever bridge is built will have to meet with their approval before acceptance.

HEARING FOR CHANGE IN HIGHWAY.

RED BLUFF (Tehama Co.), January 18.—Assemblyman Harry Polsley of Red Bluff has sent notification that he has taken up with Engineer Fletcher of the State Highway Commission the change, requested by the grand jury, in the survey of the State highway from Croning to Red Bluff and that Fletcher has called a hearing for January 20th.

NEW STEEL WORKS IN NEW SOUTH WALES.

SYDNEY, Australia, January 10.—Articles are appearing recently in the local press regarding the proposal to build in New South Wales extensive steel works at an estimated ultimate cost of about \$5,000,000. To present the proposition is possible, although certain minor questions will not be answered until the end of the Broken Hill General Managers of the Broken Hill Proprietary Company, the concern proposing the steel works, is quoted as saying that the company intends to

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Thirteenth Year, No. 4

BUILDING AND INDUSTRIAL NEWS

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—== THIS WEEK'S ILLUSTRATIONS: ==—

New St. Joseph's Church Now Under
Construction In San Francisco. Designed
By Architect John J. Foley, San Francisco.

Perspective View Of North Elevation Of
Oakland Auditorium Designed by Archi-
tect J. J. Donovan, Associated With Ar-
chitects Palmer & Hornbostel of New York.

TUESDAY, JANUARY 28, 1913.

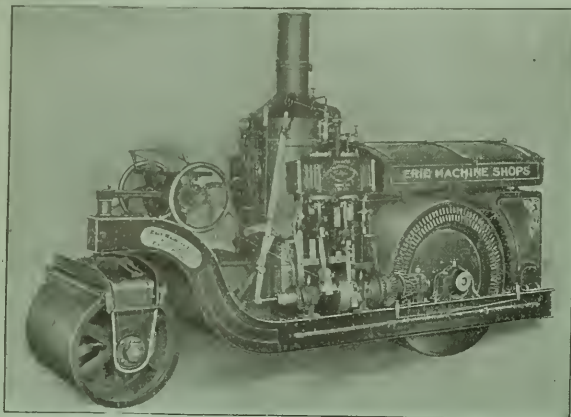
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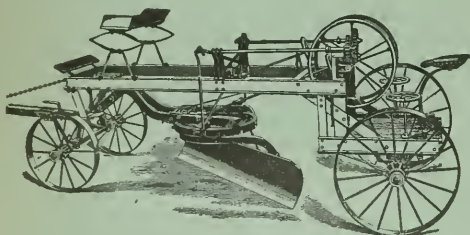
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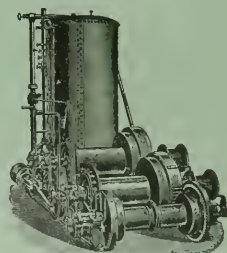


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Editorial Comment.

Besides the Liberal Arts, the manu-
factures and inventions and the regular
exhibits which go to make up a
World's Fair, the most interesting part
is the great 'side show or playground
where all kinds of concessions are
given for the purpose of entertaining
the visitor. Not a little of the ad-
vertisement of the great exposition is
obtained in accounts of unique con-
cessions asked for and secured by
numerous corporations and individuals
seeking rights from the World's Fair
Directors.

Some idea of the magnitude and
scope of these concessions can be
gained from the report of those al-
ready granted and the investment
which each represents:

Public stenographic booths.....	\$150,000
Grand Canyon of Arizona.....	250,000
Infant incubators.....	25,000
Panama canal.....	150,000
Panamanian souvenirs.....	25,000
Forty-nine Camp.....	100,000
California candies.....	10,000
Ice palace and hockey arena.....	150,000
Aeroscope.....	100,000
Trionan.....	60,000
Creation.....	160,000
Evolution of Dreadnought.....	150,000
Cyclorama Battle of Gettysburg.....	25,000
Human Roulette.....	15,000
Racing coaster.....	60,000
Scenic Railway.....	60,000
The Old Mill.....	15,000

Total.....\$1,505,000
These, in all probability, will be but
a small fraction of the total conces-
sions, and but a small part of the in-
finite variety of amusements that will
be offered to the visitor. Besides the
great show itself, with its architecture
and its color and its lighting, there
will be this varied playground where
recreation and amusement can be
sought when the eye and mind is tired
of viewing the pageants and progress
of the world.

The Post Office reports a steady
growth in business of the Parcels Post.
This in spite of the fact that it is
hampered with the restrictions of re-
quiring special stamps and the de-
livery of packages at the stations in-
stead of at mail boxes.

The delivery of packages at the cen-
tral stations may be necessary under
the present force and equipment of the
Post Office Department but there seems
to be no excuse for requiring special
stamps.

All that Uncle Sam gets out of it is
the amount paid for the stamps and
why any particular kind of stamps
should be required is hard for any
thinking person to see. Perhaps this

was a compromise with the Express
companies who have so long robbed
the people and usurped their rights that
they think they have a divine right to
over-charge them.

For years and years the people have
been paying more to send any parcel
the shortest distance within their own
state than it would cost them to send
to Australia or the farthest continent
on the face of the earth. It took
somebody with the backbone of Gover-
nor Johnson to walk out of a conven-
tion dominated by the powers that be
to bring about conditions where a
Parcels Post could be established. It
is only a question of time till the
special stamp requirement will be
abolished, till the central station de-
livery will be abandoned and till the
zone system will be eliminated. The
Parcels Post is needed. The people are
moving and it will come in course of
time.

The question of raising enough
money to meet the expenses of the
State for the next two years is the
principal thing that confronts the
present legislature. And under the
present tax scheme the rates can be
equalized by the legislature or an ad-
ditional tax can be levied on private
property to provide additional revenue.
'Under the present schedule it seems
that the corporations are getting the
best of it.

"Figures made public by Governor
Johnson show that the ordinary tax-
payer, under the present taxation
scheme, pays \$1.1386 upon each \$100
actual value of his property. The
railroads and street railways, \$0.9092;
the gas and electric companies, \$0.75;
the telegraph and telephone com-
panies, \$0.9660; the car companies
(Pullman Company only), \$0.8813; the
express companies (Wells, Fargo &
Company only), \$1.5413.

These figures indicate as nearly as
figures can indicate anything that the
express company is paying a higher
proportionate tax than The People, and
all the other corporations a lower pro-
portionate tax.

If the corporations were paying
the same proportionate tax as The
People, there would be no threatened
deficit in the State Treasury."

By a two-thirds vote in each house
the rate of taxation on gross earnings
on the several classes of public service
corporations may be increased. The
obviously just method is to increase
the tax on these corporations and
equalize their share of the burden.

These corporations are now having
a hearing before the committees of the
legislature. When facts are known
and publicity is given to these meas-
ures it is very improbable that indirect
measures will be put through or unjust
taxes levied

With reference to the recall movement now in progress against Police Judge Weller the Fresno Republican has this to say in regard to

WOMEN VS. CRIMINALS.

The movement of the women of San Francisco to recall Police Judge Charles Weller introduces a new and revolutionary element into San Francisco politics.

Like the police judges of San Francisco have had to reckon, as a chief factor in their elections, with the underworld of the city—the criminals and the sympathizers with criminals. The underworld had a very large and compact block of organized votes, and these votes were very much interested in the question of police judges. The general body of the citizenship was very little interested. As against a scattered and indifferent majority a united and interested minority is usually invincible. A few exceptional men have been able to resist this combination, and San Francisco has always had some good police judges. But the majority of them have been and still are the products of the politics of the very criminals who come before them. This is a startling statement, but it is well within the bounds of literal and unexaggerated truth.

Now comes an organization of women and starts a petition to recall Judge Weller. His immediate offense is the reducing of the bail of a man held by Judge Shortall for criminal assault on a young girl. Judge Shortall has fixed the bail at \$3000, which the defendant could not raise. Judge Weller, knowing nothing about the case except the statement of the attorney who made the application, reduced the bail to \$1000, which the accused paid and skipped out. It turns out that even this \$1000 was the largest bail Judge Weller had ever exacted, in cases of this sort. His usual bail on charges of assault on girls, has been from \$50 to \$500, and in some apparently conclusive cases he had refused to hold the defendant at all. And he has not only fixed low bail himself (which the culprits when they knew the case was dangerous, forfeited) but has arbitrarily stepped in and reduced the higher bail fixed by other judges, when the cases first came before those other judges. The women think this is the sort of exercise of judicial discretion which ought to be appealed to the people instead of the Supreme Court, and they have taken steps to make that appeal. Judge Weller's defense is that his father was a Colonel in the Mexican war, that he is good to his family, and that it has been customary in San Francisco of one police judge to butt in and reduce the bail fixed by another.

The organized women in San Francisco have more votes than all the tenderloin can muster—probably more votes than the tenderloin and the saloons combined. They have also the means of publicity to arouse the votes of the decent men and the unorganized women. And if they can make the police judges of San Francisco more afraid of their political power than they are of that of the underworld, they will have worked the greatest revolution ever proposed, in the inner life of the metropolis.

Incidentally, this illustrates the sort of cases in which the recall of judges is going to be (and ought to be) applied.

Among the activities that are now occupying the attention of commerce and trade is the growing development of South American continent. For the Southern hemisphere has remained the last to be exploited in the history of the world. Only Australia has advanced to any comparative degree of modern development and that for two reasons. One that it was made a land of exile and a penal colony for Great Britain and another that it has been a large gold producing country since 1848, both reasons that brought population in considerable quantities.

South America on the other hand has remained comparatively undeveloped till recent years. Argentina has of recent years been assuming importance in the world's trade. Buenos Aires has come forward as one of the world's principal ports. And as a consequence the United States is awakening to the fact that in South America there is an important source of trade. The report of the Department of Commerce and Labor shows that our exports to South America in 1902 amounted to 38 million dollars while in 1912 they had increased to 138 million dollars.

South America needs many things of American manufacture. Farm implements, tools of agriculture, building material, such as hardware and finished work and all the equipment that a new country, rich in natural resources, can utilize. Attention from now on will be directed to the Southern continents. Climate's conditions in the southern hemisphere have long been an impediment to progress. But many parts of South America are as well adapted to agriculture and for the home of white men as any other part of the world. Trade with this continent is of ever increasing importance.

Tom Lawson's claim that the Stock Exchange is the cause of many of the ills that afflict us in the matter of high cost of living and the waste of money seems to find ample confirmation in the increase of securities that are daily offered to the public. According to reports no less than two billions of securities were issued by corporations in the United States last year. This is twice as much as the national debt at the close of the War of the Rebellion. And as these issues of securities meant a good deal of investment it follows a great deal of the money of every man went into these securities. This vast amount of evidence of indebtedness shows the importance of enactment of blue-sky laws for the protection of investors. The New York state Superintendent of Banking recommends that mortgage, loan and investment concerns be put under more complete supervision by the banking department. Such a supervision would be a good idea here. California is a peculiarly fertile field for the wild cat promoter and the flotation of stock schemes. It is a land of fortunes in mines, in oil, and in furms. The public should be protected against the fakers who exploit its possibilities in bubble schemes and deceive the unwary. The blue sky law has worked well other places. It ought to do equally well here.

Not content with the working of the present lien law which has worked so satisfactorily the Assemblymen and Senators from the South have introduced bills in both the Senate and the Assembly to amend the lien law which would in effect restore the old law and in fact make it more artificial and unsatisfactory than that indirect and artificial act. This movement has apparently assumed formidable proportions as the chairman of the judiciary committees in both houses are sponsors for the bills that have been introduced.

Builders and those interested in the building business should at once become active and see that the present law is not changed, at least not changed back to the old technical act where nobody knew where he stood and opened all kinds of avenue for fraud by the scoundrels that have dragged the building business into the mire.

It is time for everyone to get busy and see what is doing in this line and keep what you have gained. The banks and the title companies are always on the job. They are always seeking privileges and they get them principally because the other people are inactive. They are now seeking to put something over in the matter of this amendment to the lien law and it is high time that you talk to your Senator and Assemblyman about it.

The building record for the past twelve months in the city of New York shows more than twelve thousand permits to have been issued representing a total expenditure of more than \$207,000,000. This expenditure, of more than 17 millions per month, represents a growth in population of thousands of people. Were this expenditure made for dwellings for single families it would represent homes for more than 60,000 people. More than 30 million was expended during the year for office buildings so that aside from general construction the building record shows that business is expanding and more room is needed for the centralized business of the country.

The Continental Building & Loan Association is again in the public eye. Upon the advice of the Attorney-General the Building and Loan Commissioner has taken possession. He has found it difficult to get peace officers to aid him for the reason that Gavin McNab is the attorney for the Continental. Whatever may be the merits of the controversy it is certain that the Continental has no superior rights before the law simply because Gavin McNab happens to be its attorney. It is entirely probable that in any other case the Chief of Police would not have hesitated to give aid to the Building & Loan Commissioner on the advice of the Attorney-General.

If the books of the Continental show crooked bookkeeping the public should know it. McNab's statement that Walker is the associate of Marshall Black has nothing to do with the merits of the case. If the affairs of the concern are to be wound up and if it is the duty of the Building and Loan Commissioner to take charge until the matter is adjudicated then he should take charge no matter what political boss is in control.

The Science Of Sanitation And Hygiene Applied To Building Construction.

By George Fordyce, Architect, Calgary,
In Western Canada Contractor.

Sanitation is the science of sanitary conditions and of preserving health, synonymous with Hygiene. The word sanitation is, however, usually restricted to the methods and apparatus for making and maintaining houses in a healthy condition. It is by no means a modern science, traces of it having been found in the oldest remains of habitations and cities. In the prehistoric era, man, or, as we now call them, savages, lived in a natural state, i. e., without the aid of any elaborate devices for sheltering himself from the elements, and did not congregate together in large numbers. In conditions such as these, nature performed all the sanitation necessary, without scientific aid. When, however, man departed from the natural state and congregated together, forming habitations and cities, nature obviously could not cope with these unnatural conditions without the scientific aid of man. Thus sanitation became a necessity, nature still performing her work, but not without the aid of man. Amongst the ancients, the Romans brought sanitation to the highest degree of perfection as is shown by the remains of baths, aqueducts and sewers built by them, some of the latter being still in use, having been used continuously since being built over two thousand years ago.

Reverting back to the usual interpretation of the word sanitation, being the making and maintaining of the houses in a sanitary or healthy condition, the three main factors necessary to make and maintain houses in the above condition are ventilation, water supply and drainage.

Ventilation consists in supplying fresh pure air, warmed or cooled to a comfortable temperature, to drive out that which has become vitiated or used up. Ventilation may be broadly classified as natural or mechanical, the former being usually sufficient in private dwelling houses and other small buildings, the latter having to be resorted to in the case of large public buildings, factories, etc. Natural ventilation may be considered as that produced without mechanical power for the admission and escape of air. Buildings of ordinary construction receive some ventilation whenever the temperature inside is different from that of the surrounding air. Further ventilation is afforded by indirect or direct-indirect radiators, fire places, open windows, etc. Whenever air is introduced into a room as by indirect heating an equal amount of air must be driven out, or if the air is drawn from a room as by a fireplace or other hot-air flue an equal amount of air must enter the room, thus causing ventilation.

Mechanical ventilation, rendered necessary where a large number of people are congregated together in a comparatively small cubic space, requires power for the admission and expulsion of air. The power for moving air

is usually operated by a fan operated by mechanical means, and may be effectual in two ways, first by the Plenum system, in which air is forced into the room at the proper temperature, second by the vacuum system, in which the vitiated air is exhausted from the room. The amount of air required for ventilation varies according to the nature of the room ventilated; churches, theatres, etc., requiring about 2,500 cubic feet per sitting hour, hospitals requiring about 5,000 cubic feet per bed per hour, and factories, where dust is very prevalent, requiring a much larger amount. The velocity of air due to ventilation should not exceed five feet per second else a perceptible draught will be felt.

In order to preserve the health of the inhabitants of dwellings an ample supply of good water is essential both for drinking and cleansing purposes. In up-to-date cities a continuous supply of water at all hours is available. This elaborate system of water distribution was of humble origin, from distribution by water carriers from natural sources on to an intermittent supply by means of pipes to cisterns and so on to the present system of continuous supply. Where necessary, water is purified by being passed through filter beds, then conveyed to reservoirs, preferably covered ones, and from thence distributed to the various points by means of aqueducts and pipes. Materials used in the construction of reservoirs, aqueducts, cisterns and pipes ought to be of such a nature that there is no danger of the water being contaminated by contact therewith. The pipes used for the distribution of water throughout dwellings are usually of galvanized iron or lead, the latter being suitable in most cases except where the water is of such a nature that it is contaminated by contact with lead, causing lead poisoning to those who drink it. In such cases galvanized iron or tin-lined lead pipes may be used.

In the case of isolated buildings a private supply is necessary and where a well is dug or bored, great care ought to be taken that there is no danger of contamination of the water in the well owing to infiltration from drains or cesspools. Connections from supply pipes to baths, wash basins, etc., may be made direct, but in the case of connections to water closets, slop sinks, etc., intervention is necessary by means of small independent cisterns, rendered necessary both for flushing purposes and to remove the danger of contamination from soil in the basin. The amount of water necessary for household purposes is about twenty-five gallons per day for each person, varying to some extent owing to the climatic conditions of the country.

Drainage, or to make dry, is the drawing off of water by rivers or other channels, but in connection with dwelling houses is usually taken to mean

the method and apparatus for removing excreta and waste water.

All apparatus in connection with drainage ought to be constructed in as simple a manner as possible without destroying efficiency and should be as far as possible self-cleansing. All corners and crevices where dirt would have a tendency to collect ought, if possible, to be avoided, and where unavoidable, as in the case of traps, should be accessible for cleansing purposes. In no case should the waste or soil from fittings discharge into pipes or drains without the interception of a trap, which trap ought to have ample water seal, and, where there is any danger of it being siphoned, should be back-ventilated. All pipes and drains for carrying off the discharge from the various fittings should be constructed in such a manner that they can be thoroughly water and air flushed. In dwellings of ordinary size, the former is accomplished by the discharge, which is largely composed of water from the various fittings. In large buildings and city drainage systems it is in many cases, preferably automatic, at the extremity or extremities of the drainage system to accomplish flushing the drains.

A house drain before it enters a street drain or sewer is sometimes trapped near the sewer, and immediately on the side of the trap next the house is a fresh air inlet taken from near the ground level, and at the extremity or extremities of the drain pipe or pipes with open lids to be carried above all windows or other openings, thus providing a foul air outlet from the drains, and, in conjunction with the fresh air inlet, thoroughly air-flushing the drainage system. The system of connecting the sewer without a trap is preferable to above, provided fixtures are efficiently trapped. Where the ground is of a wet nature, provision should be made for draining same in the vicinity of dwellings, which is usually accomplished by means of open tile drains discharging into soil drain through a trap. It is also necessary so as to ensure the health of the inhabitants to prevent the rising and penetrating of water into walls by means of damp-proof courses and preferably to lay same over the whole area of the building. The sewage from cities and isolated buildings where it cannot be got rid of by being discharged into the sea or other large volume of water where there is no danger of pollution to same, ought to be treated by being passed through a vessel called a septic tank, where the sewage undergoes various natural processes of fermentation, putrefaction and purification and thereafter through filter beds, thus rendering the effluent harmless.

Sunlight being a great disinfectant and impartor of health, ample provision should be made for its admission to dwellings bedrooms especially ought to have a sunny aspect. In the perfect

city and dwellings from a sanitary point of view, disease could not be contracted by contamination or infection, but in a perfection is unattainable disease occurs and then sanitation comes into play to combat and suppress it.

Hospitals should, above all things, be thoroughly sanitary and constructed in such a manner that every part thereof can be thoroughly cleaned, all corners and crevices, where dirt and material of an infectious nature could accumulate to be avoided. Hospitals for infectious diseases should be isolated from all other dwellings, and the various infectious diseases isolated from each other, preferably by being treated in separate and isolated buildings.

In cities, there is a large amount of garbage and waste material which can not be discarded into sewers and must be got rid of by other means. In some cases there are places where rubbish is allowed to be deposited, this method of getting rid of it or rather of not getting rid of it is unsatisfactory, as an accumulation of garbage breeds disease in many forms. The most satisfactory way of dealing with garbage is by having it burned in a refuse destructor, or, as is done in some cases, by having it carried out to sea and deposited there. Sanitation in every way ought to be of vital interest to mankind, aiming as it does at the prevention of disease in every form. Not only does it promote bodily health but also mental health, which is the outcome of a healthy body.

WATERPROOFING CONCRETE ROOFS.

In an address before the Paint and Varnish Society of London, Robert Cathcart said:

Concrete, no matter in what mixture it is made, has a coefficient of expansion and contraction, and in roof work particular attention has to be paid to the placing of steel and its temperature stresses upon the surfaces. The question of protection of roofs in America, he said, is causing a great deal of trouble. The most efficient protection against moisture would be an application of sand and gravel. With regard to condensation on the inner side of the roof, engineers should embody in their specifications a certain thickness and should have a layer of clinker so as to provide insulation against expansion and contraction that might take place between the upper and lower surface. When speaking of acid treatments for exterior surfaces, he meant that the acid was used to remove the small film of mortar on the face so as to give a surface texture. The aggregate might be composed of white silica sand and small broken granite and sometimes felspar and carborundum, with occasionally broken brick or tiles or marble or gravel. In connection with the aggregate much could be planned ahead for the treatment of the surface.

With regard to "old-fashioned" methods, the soap of alum and grease might be a little more than ten years old, but had not been successful. The amount of sand matter applied to the voidage was so small in comparison with the vehicle used that it was not really homogeneous and there was not a uniform surface on which to coat. Linseed oil was unsuitable on concrete

on account of green concrete being austic. He had not heard of tannic acid rendering the cement nonporous.

SUGGESTIONS OF USE AND VALUE.

Noteworthy suggestions were made in an address delivered recently by President J. W. L. Corning, of the Minnesota State Association of Builders' Exchanges, who says:

"An era of specialized industries has developed a custom in building lines for material men to submit bids on their special lines to the general contractor upon which he in turn bases his general proposal.

"This custom has been of great value to the owner but has brought a train of evils that we believe could be eliminated to the benefit of the architects, contractors, sub-contractors and material men and result in bringing about a condition whereby the architect's ideals might be more fully carried out; the owner might receive what he thinks he bargained for, the contractor and material men might receive a rational and safe margin of profit; misunderstanding be lessened, and the product be a credit to all.

"In order that existing evils might be remedied and that the better conditions referred to be brought about, the Minnesota State Association of Builders' Exchanges appointed a committee of its members some time ago to confer with a committee from the Minnesota Chapter, American Institute of Architects. As a result of conferences of these committees and of a canvass of hundreds of operators and architects throughout the State and adjoining territory, the following suggestions for securing uniformity in plans and specifications have been compiled:

"First.—That specifications be indexed and divided into numbered paragraphs covering the various lines of materials entering into the construction of buildings, with sub-headings of the various parts, so that each material man or sub-contractor may find his special part of the building clearly defined under its own heading. To assist architects in getting results we have prepared a schedule, which we enclose, of headings and sub-headings, and recommend its general use:

"Second.—That floor plans or elevations be drawn at not less than $\frac{1}{4}$ -inch scale.

"Third.—That each set of plans have, when estimates are called for, scale drawings of interior fixtures, such as stairs, wainscotings, mantels, book cases, linen cupboards, kitchen and pantry fixtures, etc.

"Fourth.—That each set of plans have, when estimates are called for, at least one sheet of details drawn at not less than $\frac{1}{4}$ -inch scale, showing stone, metal, terra cotta, or wood cornice, barge work, frames, for all outside windows and transoms and for all partition sash and interior finish, cut some, etc.

"Sixth.—That the size of brick openings be marked on plans of elevations.

"Seventh.—That the kind of wood for each room be well defined in the specifications or on the floor plans.

"Eighth.—That the plans indicate the various parts that are brick, cement, stone, artificial stone, terra cotta, slate, marble, glass, metal, wood, etc.

"Ninth.—That piping plans distin-

guish heating, refrigerating and water pipes for covering.

"Tenth.—That finishing hardware be reserved for the owner to select and pay for.

"Eleventh.—That leaded and ornamental glass be reserved for the owner to select and pay for, or that the price per square foot be stated in the specifications.

"Twelfth.—That gas and electric fixtures be reserved for the owner to select and pay for.

"Thirteenth.—That specifications should not contain clause requiring contractors, at their own expense, to furnish labor or material not shown on plans or called for in specifications.

"Fourteenth.—That in order that further uniformity might prevail it is requested that the symbols prepared by the Standardization Committee of the Minneapolis Architectural Club and sent to the architects by that association, be generally used."

SAND FOUNDATIONS FOR HIGH BUILDINGS.

Sand, being almost incompressible under ordinary conditions, can sustain very heavy loads with slight or negligible compression. When it directly overlies rock or other thick hard stratum, and is securely confined or otherwise protected against possibility of lateral displacement, it forms a satisfactory foundation and will carry heavy loads with safety as long as these conditions are maintained. It transmits pressure laterally so that a heavy vertical load may produce considerable horizontal thrust, and to resist it the sand must be confined horizontally by natural or artificial means. At considerable depths below the surface the weight of the superincumbent material affords resistance to transverse or upward pressure, and is equivalent to lateral confinement for ordinary pressures. This resistance, of course, ceases whenever an excavation is made below and adjacent to the point of application of vertical pressure.

The presence of water makes a great difference in the character of the sand, so that the drainage of wet sand or the saturation of dry sand under pressure is an important matter, while flowing water passing through sand, especially if fine, is very likely to carry the grains with it or produce a considerable movement. Careful consideration must therefore be given to these factors when it is proposed to build heavy structures on sand foundations. If any chances in the amount of water in the sand are possible, adequate safeguards to maintain the conditions must be adopted. Many heavy buildings of moderate height, including some of the earlier steel cage skyscrapers, have foundations on sand, usually only a few feet below the surface, and these foundations in many instances have proved entirely reliable. Almost all of them are at or above ground water level. Formerly they were made with timber and masonry footings, then of concrete, and now almost entirely of reinforced concrete or of steel beams enclosed in concrete.

Some buildings have a monolithic foundation slab covering the entire area. While theoretically this distributes the load uniformly and produces the smallest unit pressure, it is gen-

erally very difficult and expensive to avoid excessive stresses in the distribution, and some such footings, especially those of concrete without adequate reinforcement, have become badly cracked and broken and have permitted serious settlement. It is therefore the general practice now to support the columns singly or in small groups on isolated separate footings, proportioned to reduce the loads to substantially the same unit pressure on all.

The Spreckels Building, San Francisco, 15 stories high, was built about fifteen years ago with all of its columns seated on a double grillage of continuous I-beams reaching entirely across the lot in both directions and embedded in a mass of concrete more than $4\frac{1}{2}$ feet thick, resting on wet sand 25 feet below the surface of the street. This has proved satisfactory, enduring severe earthquake shocks, which it was expected to resist.

The columns of the St. Paul Building, a 26-story structure in New York, have steel beam and girder grillage, with concrete footings on the wet sand about 30 feet below the street. The sand was loaded to 8,000 pounds per square foot, and in several years has settled only a fraction of an inch, and with such regularity that it has been unnecessary to adopt the special provisions designed for compensating irregular or excessive settlement.

In the new Municipal building, New York, part of the foundations are carried to solid rock and part supported on wet sand, nearly 90 feet below the surface. This building is 25 stories high and has a 15-story central tower rising to a height of 580 feet above the street. The pressure on the sand is 12,000 pounds per square foot, and this pressure was adopted after making preliminary and full-size pier tests which showed settlements of less than 3-16 and $\frac{1}{2}$ inch, respectively, under the working load. A large proportion of the ultimate load has now been applied and the sand foundations show slight settlement, not exceeding the amounts indicated by the tests. The rock foundations show settlements of about $\frac{1}{4}$ inch, attributed to adjustment of bearings. The settlements in both cases are so small that no injury to the superstructure is anticipated.

The foundations of the 34-story building in Cincinnati consist of steel grillages enclosed in concrete and imposing a load of 11,000 pounds per square foot on dry sand about 50 feet below the street. In this case the foundations carry an estimated total load of about 104,000,000 pounds and occupy about 70 per cent of the entire area of the building. No allowance whatever has been made for settlement, but it is expected that the full load may cause a packing of from $\frac{1}{4}$ inch to possibly $\frac{1}{2}$ inch.

The comparison of these foundations of sand with those carried through quicksand to deep rock is difficult, but it seems that the large saving effected by the former justified the very careful considerations of both types, and a study of rational and practical methods of protecting the sand. So far, reliance appears to have largely been placed on carrying the footings to a considerable depth rather than enclosing them with some protecting barrier that might in some cases prove simple and economical.—Engineering Record.

Firms desiring news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

—APARTMENT HOUSES—

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, E. H. Denke, Humboldt Bank Bldg., S. F. Owner, Max Kolander. The building will be erected on a corner site and will cover a considerable ground area. Interior will be arranged for two and three room suites with wall beds and private baths. There will be steam heat. Bath rooms will be finished in tile. The interior will be finished in pine, redwood and some hardwoods. Iron fire escapes will be installed. The exterior of the building will be covered with shiplap and brick veneer. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, Louis D. Stoff. The building will be arranged for six apartments designed on the apartment flat style. All suites will have private baths and wall beds. Interior finish will be of pine, redwood and elm. Bath rooms will be finished in tile. There will be steam heat and a hot water heating system. The exterior of the building will be covered with cement plaster and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, J. C. Kincannon, 1179 Hayes St., S. F. Owners, Metropolis Investment Co. The building will have a frontage of 28 feet and a depth of 87 feet. The interior has been arranged for six apartment flats of four rooms and bath each. Interior finish will be of pine, redwood and some elm. Wall beds will be used throughout. There will be a central heating system and hot water heaters. Bath rooms will be finished in tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$1,500. Architect, A. W. Smith, 1010 Broadway. Oakland. Owner, B. D. Phillips. The building will contain four three-room suites with bath. Interior finish will be of pine and redwood. Wall beds will be used throughout. Hot water heaters will be installed. The exterior of the building will be covered with shiplap. Plans are complete and figures are being taken.

PORTLAND, ORE.—Apartment house, 3 story and base, reinforced concrete, \$20,000. Architects, Butterworth and Stephenson Co., Portland. Owners, Butterworth and Stephenson Co. According to the present plan the building will contain 22 apartments, of which 18 will consist of three rooms with private bath and the remainder will be two-room suites. It is the intention of the owners to equip the building with disappearing beds, built in refrigerators and oil burning steam heating plant. Each suite will have private telephone connection, a gas range and complete plumbing fixtures. Provision is also made for installing

a vacuum cleaning plant. The exterior will be plain with but little ornamentation, and the interior is arranged so that all rooms have outside light and ventilation. Separate bids are wanted for the heating, piping, plumbing, tile work and wiring contracts only.

PORTLAND, ORE.—Apartment house, 2 story and base, brick, \$25,000. Architect, C. A. Duke, Falling Bldg., Portland. Owner, Edward Kleist. The building will cover an area of 100x100 feet. The first floor will be arranged for seven retail stores and the upper floor will contain six suites of four rooms each and a number of offices. There will be patent store fronts. Interior finish will be of pine. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans for this work are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mr. Hunter. The building will be erected on Washington St., near Taylor, and is to contain a number of two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and redwood with some elm veneer. There will be a central heating system and a hot water plant. Vacuum cleaning will also be installed. The exterior of the building will be covered with brick veneer and cement plaster. Plans are nearly ready for figures.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, frame, \$20,000. Architects, Metcalf & Davies, Long Beach Bank Bldg., Long Beach. Owner, W. E. Babb. The building will be 42x70 feet and will be arranged to contain 36 rooms, which will be divided in 14 suites of two and three rooms each. All suites will have connecting baths and wall beds. Some hardwood floors will be used. A central heating system will be installed. The exterior of the building will be covered with cement plaster on metal lath. Provision is made for a garage in the rear of the lot. Plans are complete and the work will be done by Day Labor.

SAN PEDRO, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, frame, \$16,000. Architect, none. Owner, William Crocker, San Pedro. The building is to contain 34 rooms, which will be arranged in 23 suites of two and three rooms each. The building will cover an area of 40x110 feet. Interior finish will be of pine, redwood and some hardwood. A central heating system will be installed. All suites will be equipped with wall beds. Private bath rooms will be arranged for each apartment. The exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

PASADENA, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick, \$50,000. Architect, A. L. Reed, 276 West Ocean Ave., Long Beach. Owner, Mrs. Edwin Grebel. The building will cover an area of 94x142 feet and is to be arranged for 12 suites of three rooms, 40 suites of two rooms

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Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base brick, \$25,000. Architect not given. Owner, O. Wilson. Contract for George M. 150-ton, Los Angeles Investment Bldg., L. A. Contract price \$71,250.

BANKS

KINGSBURG, FRESNO CO., CAL.—Bank, 1 story and base, brick. Cost not stated. Architect, Eugene Mathewson, Fresno. Owners, First National Bank of Kingsburg. The preliminary plans for this building show a structure in the classic style with a large public space and general office, besides a private office for the president and a directors' room. Interior will be finished in hardwood, tile and ornamental iron and bronze. There will be special coin vaults. The exterior of the building will probably be faced with pressed brick. Plans are being prepared.

PASADENA, LOS ANGELES CO., CAL.—Bank and offices, 1 story and base, Class A construction, \$100,000. Architect, C. F. Whittlesey, Haight and Clayton Sts., S. F. Owners, Citizens' Savings Bank of Pasadena. The one-story building now on the site was designed to carry six additional stories, and the original plans will be followed as closely as possible. Construction will be of reinforced concrete and absolutely fireproof throughout. The owners will probably select a local architect to make certain revisions in the plans and to superintend the work. Complete information is not available at this time.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO—Wharf construction, reinforced concrete, \$300,000. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans have been completed and approved for the construction of Pier No. 39, which will be erected adjoining Pier No. 37. Construction will be similar to that used by the Government at the Army Transport Docks at Port Mason. Bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., S. F., on February 6th. Complete plans and specifications can be secured from Engineer Newman. The official proposal appears in another column of this issue.

SAN FRANCISCO—Wharf construction, reinforced concrete, \$500,000. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans have been approved by the State Board of Control for the construction of Pier No. 41, and also for two ferry freight slips which are to be erected adjoining Pier No. 41. The pier will 1010 feet long and 200 feet wide, of the reinforced concrete type. Freight slips will be constructed of creosoted wooden piles and are estimated to cost \$200,000. Pier No. 41 will cost \$500,000. Bids will be called for within the next week or ten days for this work.

SAN FRANCISCO—Wharf construction, reinforced concrete, \$500,000. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids for the construction

tion of Pier No. 37 were opened at Thursday's session of the State Board of Harbor Commissioners and show the Thompson Bridge Co. low at \$475,200. For a complete list of the figures presented see under San Francisco in this issue.

MARTINEZ, CONTRA COSTA CO., CAL.—Wharf construction, wooden pile, \$23,000. Engineer, J. C. Arnold. Gazette Bldg., Martinez. Owners, Town of Martinez. Additional information relative to this project has been received from Engineer J. C. Arnold. The wharf and approach will be of wooden pile construction. The wharf proper will be 150x50 feet. The approach 30x1300 feet. There will be four pile units 20 feet on centers. Plans have received the approval of the Town Trustees.

JELLY FORD, TEHAMA CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, County Surveyor W. F. Luning, Red Bluff. Owners, Tehama County. County Surveyor Luning informs us that while his office has been instructed to prepare plans for a highway bridge over the Sacramento River at this point, that the recent high water has made it impossible to get soundings and complete the survey. As soon as this work can be completed plans will be drawn and complete information will then be published.

DYERVILLE, HUMBOLDT CO., CAL.—Bridge, steel and concrete, \$25,000. Engineer, County Surveyor George W. Conners, Eureka. Owners, Humboldt County. Plans and specifications have been approved for a steel and concrete highway bridge over the South Fork of the Eel River and bids will be called for shortly. Plans provide for a structure 300 feet long and having a roadway 21 feet wide. Complete information can be secured from the County Surveyor at Eureka.

Contracts Awarded.

PORT ANGELES, WASH.—Bridge, steel and concrete, \$50,000. Engineer's name not given. Owners, Clallam County. Contractors, International Contracting Co., Central Bldg., Seattle. Contract price, \$50,000.

BELLINGHAM, WASH.—Dock and warehouse, frame construction, wooden piles. Architects, Blackwell & Baker, Northern Bank Bldg., Seattle. Owners, Inland Navigation Co. Contractor, A. J. Risse, Bellingham. Contract price, \$35,000.

CHURCHES.

CROWS LANDING, STANISLAUS CO., CAL.—Church, 1 story, frame construction, \$10,500. Architect, John J. Foley, Monadnock Bldg., S. F. Owners, Roman Catholic Church. The building is to be designed in the Spanish Colonial style with the exterior faced with cement plaster. Roof will be covered with red metal tile. Interior will be finished in pine and ornamental plaster. The main auditorium will have a seating capacity of 350 people. The architect is now completing the working drawings.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, reinforced concrete. Cost not stated. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owners, First Church of Christ Scientist. The structure will cover a ground area of 90x110 feet, and will be arranged for a

and 12 one-room apartments. All suites will have wall beds and connecting outfits. There will be steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine, redwood and hardwoods. Considerable tile will be used in the lobby and entrance vestibule. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

GLENDALE, LOS ANGELES CO., CAL.—Apartment house, 2 story and base, brick, \$20,000. Architects, Pacific Home Builders, 331 So. Hill St., L. A. Owners, Pacific Home Builders. The building will cover an area of 100x60 feet. The first floor will contain four stores and the second floor four apartments of five rooms and bath each. All interior finish will be of pine or redwood. A hot water plant will be installed. All suites will have wall beds and private bath rooms. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner's name withheld. The structure will cover a ground area of 50x170 feet, and will be arranged for 120 rooms, divided into two and three room suites. There will also be a large lobby, parlors and amusement room. All suites will have wall beds, private baths and separate entrances. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile and will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the house will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Apartment house, 5 story and base, reinforced concrete, \$475,000. Architect, W. P. White, Walker Bldg., Seattle. Owner's name withheld. This building will cover an area of 100x100 feet. The interior of the building is to be arranged for large apartments of from five to eight rooms each. There will be 25 suites. Interior finish will be of pine and hardwoods. All baths will be wainscoted with tile and will have composition flooring. Plans provide for steam heat, elevator service and a vacuum cleaning system. Construction will be fireproof throughout. The exterior of the building will be faced with white glazed terra cotta. Plans will be complete and ready for figures within the next thirty days.

large auditorium on the first floor and Sunday School rooms in the basement. All of the basement except two feet will be above ground. Construction will be of reinforced concrete with reinforced concrete floor slabs, steel roof trusses and a clay tile roof. Interior will be finished in pine and hardwoods. There will be a central heating system and a vacuum cleaning plant. Art glass will be used in the windows. The exterior will be faced with cement plaster. Plans are complete and figures are being taken for the various parts of the work.

LOS ANGELES, CAL.—Church, 1 story and base, stone and concrete, \$20,000. Architect, R. M. Taylor, Douglas Bldg., L. A. Owners, Church of Jesus Christ. This work has been mentioned here before. The foundation work is complete and plans for the superstructure will be completed in a day or two. The exterior will be faced with Utah sandstone. Interior will be finished in pine and hardwoods. A central heating system is to be installed. Work will be carried on by Day Labor under the superintendence of Samuel Daley.

COLTON, SAN BERNARDINO CO., CAL.—Church, 1 story and base, brick, \$10,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Jewel Memorial M. E. Church. Plans are being prepared for a much larger church, but only a portion of the structure will be erected this year. Construction will be of brick with the exterior faced with pressed brick. Interior finish will be of pine. The sum of \$10,000 is available for construction at once. Plans will be completed as rapidly as possible.

SEATTLE, WASH.—Church, 2 story and base, brick and concrete, \$40,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owners, Jewish Synagogue. Working drawings for this building are complete and specifications are being written. The building will be faced with white glazed brick. Interior finish will be of mahogany. Dome will be shingled with copper shingles. There will be a central heating system. Bids will be called for within a few days.

COURT HOUSES.

BOISE, IDAHO—Capitol buildings, \$700,000. Architect's name not given. Owners, State of Idaho. The legislature will shortly act on appropriation of \$700,000 for completing the State Capitol buildings at Boise. It is understood that the measure is very favorably thought of and that no opposition will be raised.

SEATTLE, WASH.—County Court house and city hall, 7 story and base, Class A construction, \$1,000,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, City of Seattle and King County. Bonds to the amount of \$950,000 have been sold by the county and the architect reports that plans will be ready for figures by the middle of February. The structure is to cover an area of 240x240 feet, and will have a complete steel frame, reinforced exterior walls and pressed brick facing. The Chamber of Commerce has had the plans experted and placed an estimate of \$1,700,000 on the cost of the building.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Factory, 1 story, galvanized iron, \$5,000. Architect, B. V. Woods, 331 27th Ave., S. F. Owners, Clinton Fireproofing Co., 211 Mutual Bank Bldg., S. F. This building is to be erected as a shop warehouse and yard, and will be located on Townsend near Stanford. There will be a concrete foundation and exterior walls of galvanized iron. Construction will be carried on by Day Labor.

LOS ANGELES, CAL.—Warehouse, 2 story and base, Class A construction. Cost not stated. Architects, Hudson & Munsell, Stimson Bldg., L. A. Owners, John A. Roehling Sons Co. The building will cover a ground area of 25,000 square feet. There will be a complete steel frame, brick walls, faced with blue pressed brick. Floors throughout will be of reinforced concrete. Metal window sash and frames and fireproof doors will be used. There will be three elevators. The front portion of the building will contain the general offices of the company and will be finished in oak. Plans are complete and figures are being taken on the work.

Contracts Awarded.

SACRAMENTO, CAL.—Factory, group of concrete buildings. Cost not stated. Architect's name not given. Owners, Libby, McNeil & Libby. Contractors, Thomas H. Day's Son, Monadnock Bldg., S. F. Contract price not stated. Note: It is understood that the owners will expend in the neighborhood of \$185,000 on a plant.

FIRE HOUSES.

Contracts Awarded.

OAKLAND, CAL.—Fire house, 1 story and base, frame, \$5,000. Architect, City Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Tislian Bros., Oakland. Contract price, \$4,268. For a complete list of these figures see under Oakland and Alameda County in this issue.

BAKERSFIELD, KERN CO., CAL.—Fire houses, 2, 1 story and base, frame, \$10,000. Architect, O. L. Clarke, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractor, M. T. Kean, Bakersfield. Contract price, \$10,700. Other bids presented were, D. A. Evans, \$12,696; Brown & Paynter, \$14,875, and Geo. M. Kilkinson, \$11,800.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, Thomas M. Jones, 37 Guerrero St., S. F. The building will cover an area of 25x37 feet and is arranged to contain two modern flats of five and six rooms. Interior finish will be of pine throughout. Some oak flooring will be used. There will be gas grates and tile mantels. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 1 story and base, brick and steel. Cost not stated. Architect, Henry C. Smith,

Humboldt Bank Bldg., S. F. Owner, Mr. McCrae. The building will be erected on Golden Gate avenue near Larkin street. The interior is to be arranged for the automobile business. Floors will be of cement. Offices will occupy the front portion of the structure and repair room and shipping departments the balance. Interior finish will be of pine and hardwood. Tile will also be used to a considerable extent. The exterior of the building will be faced with pressed brick. Patent store fronts are to be specified.

SAN FRANCISCO—Garage, 1 story and base, Class A construction, \$30,000. Architects, Fabre & Bearwald, Western Metropolis Bank Bldg., S. F. Owner, Henry Ohlandt, Jr. The building is to be erected at the southwest corner of Grove and Frederick streets, and will cover a considerable ground area. There will be some steel, brick exterior walls, faced with pressed brick, and concrete floors. Special storage tanks will be installed for gasoline. A completely equipped machine shop will occupy a part of the building, the balance of the space being given over to storage room. Plans are now being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Nathan Blanchard. The building will cover a ground area of 50x170 feet and is to be designed for a commercial garage. The floor will be of cement. There will be metal window frames and sash and fireproof doors. Some structural steel will be used. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

GOVERNMENT WORK AND SUPPLIES.

Hospital, Puget Sound.

Bids are to be opened February 21 at the bureau of yards and docks, Navy Department, for the construction of hospital buildings at the Puget Sound Naval Station, Washington. Four one-story buildings are required, being one administration building with attic, two wards, and one boiler house, all to be complete with plumbing, water, steam, and electric systems in place. The buildings are to be of frame construction on brick or concrete foundations; outside walls provided with rustic siding and inside walls covered with composition boards; roofs to be covered with rubberoid or equivalent; buildings are to be heated by steam and lighted by electricity. General dimensions as follows: Wards, 71x23 feet; wings, 8x15 feet; administration buildings, 24x38 feet; boiler house 24x24 feet.

Goat Island, Lumber.

The Lighthouse Inspector, 18th district, San Francisco, Cal., opened the following bids for furnishing certain lumber to be used in making repairs to wharf at Goat Island lighthouse depot: Loop Lumber Co., \$1,320.70; accepted. Portland Lumber Co., \$1,459.60. Olson-Mahoney Lumber Co., \$1,380.70.

Pearl Harbor, H. T., Magazine Building.

The contract for the construction of five magazine buildings at the U. S. naval station, Pearl Harbor, H. T., has

been awarded to the Lord-Young Engineering Co., Honolulu, H. T., at \$79,600.

Water for Reclamation Work.

The Secretary of the Interior has approved a contract with the Kittitas reclamation district of Washington for furnishing water stored in Yakima lakes by the Government upon a basis of payment of \$882,000, with a readjustment of cost in case the total cost of the storage system shall be ascertained to require a greater payment by the district on the basis of acre-foot storage to be delivered under the contract.

More Island, Cal., Magazine Building.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C., for the construction of one steel frame corrugated steel-covered magazine building at the Mare Island navy yard, Cal.:

Item 1, building complete; 2, price per bay to be added to or deducted from Item 1 should Government decide to extend or reduce the length of the building by one or more bays.

Gutleben Bros., 907 Monadnock Building, San Francisco, Cal., Item 1, \$8,450; 2, \$800.

Penn Bridge Co., Washington, D. C., Item 1, \$9,740; 2, \$1,080.

Judson Mfg. Co., 819 Folsom street, San Francisco, Cal., Item 1, \$8,990; 2, \$927.

W. N. Concannon Co., Monadnock Building, San Francisco, Cal., item 1, \$9,366; 2, \$1,100.

Grant Fee, 2140 16th street, San Francisco, Cal., Item 1, \$9,250; 2, \$950.

Pringle, Dunn & Co., 338 Pine street, San Francisco, Cal., Item 1, \$10,349; 2, \$1,400.

B. F. Owsley, 1141 Phelan Building, San Francisco, Cal., item 1, \$9,893.

HALLS AND SOCIETY BUILDINGS.

ALAMEDA, ALAMEDA CO., CAL.—Yacht Club alterations, frame construction, \$3,000. Architects, William H. Crim, Jr., and Hamilton Murdoch, associated, 425 Kearny St., S. F. Owners, Encinal Yacht Club. This work will include the construction of additional boat room space on the first floor and a number of porches. The main assembly hall will also be considerably enlarged. Trim throughout will be of pine. There will be new plastering, electric work, plumbing and painting. Plans are now out for figures.

OAKLAND, CAL.—Baseball bleachers, frame construction, \$150,000. Architect, Walter J. Matthews, 927 Broadway, Oakland. Owners, Oakland Baseball Park Co. Plans are complete and now out for figures for a new baseball park in Oakland. The ground space to be covered by the bleachers is 19208 70 feet. Bleachers will be 70 feet high. It is estimated that over one million feet of lumber will be required.

LOS ANGELES, CAL.—Lodge hall, 4 story and base, Class B construction, \$75,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Knights of Columbus. The sketches which have been adopted provide for a four-story and basement building of Class B construction, 62½x160 feet. The first and second stories will be devoted to the

auditorium which will have a stage, gallery, lounging rooms, lobby, etc. The third story will contain the main lodge room, ante rooms, smoking rooms, kitchen and store rooms and living quarters for the employees will be in the fourth story. There will be hand ball courts on the roof. The basement will contain the gymnasium, locker rooms, swimming pool and heating plant. The exterior will probably be faced with terra cotta. Working drawings will be completed at once.

FRESNO, FRESNO CO., CAL.—Convention hall, brick and concrete construction, \$45,000. Architect, C. K. Kirby, Jr., Fresno. Owners, City of Fresno. All bids recently asked for for the finishing construction of this building have been rejected and new bids will be called for at once. The amount of \$45,000 is available for the work. Complete information can be secured from Architect Kirby.

TAPT, KERN CO., CAL.—Lodge hall, 2 story and base, brick, \$20,000. Architect's name not given. Owners, Odd Fellows Building Committee. Preliminary sketches show a building containing two stores on the first floor and a large lodge hall and offices on the second floor. Interior finish will be of pine and redwood. The exterior of the building will be faced with pressed brick. Plans will be out for figures shortly. Additional information will appear in an early issue of this publication.

Contracts Awarded.

SAN FRANCISCO.—Subtreasury, 2 story and base, Class A construction, \$384,300. Architect, Milton J. Dyer, Cleveland, Ohio. Owners, United States Government. Contractor, Grant Fee, Monadnock Bldg., S. F. Contract price, \$384,300. Note: The report current in building circles for the last two weeks to the effect that new figures were to be called for on the construction of this building are without foundation, as the Treasury Department has authorized the award of contract to Grant Fee, the lowest bidder.

HOSPITALS.

OAKLAND, CAL.—Hospital, frame construction, \$10,000. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owners, Society for the Prevention of Cruelty to Animals. These buildings will be known as the Animal Home and will all be of frame construction. There will be a keeper's cottage, ambulance house, large barn, with accommodations for eight head of horses, box stalls, wire runs for dogs and cats, large dog house and three corrals for horses and cows. Work will be started as soon as the weather permits. The work will be done by Day Labor.

HOTELS.

SAN FRANCISCO.—Hotel and store, 3 story and base, frame, \$10,000. Architect, John F. Haner, 3579 19th St., S. F. Owner's name withheld. The building will be erected on Lombard near Lyon street. The first floor will contain a store. Basement is to be arranged for a billiard hall and the two upper floors will contain 18 single rooms. Interior finish will be of pine and redwood throughout. All rooms will be supplied with running water. The exterior of the building will be

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covered with rustic and shiplap. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO.—Hotel, 7 story and base, Class C construction, \$125,000. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, A. O. Stewart. The building will be erected in the north line of Ellis street, 87½ feet east of Mason. The property is regarded as one of the most choice sites remaining vacant. The building will be designed for a high class hotel with all modern conveniences, including steam heat, elevator service, vacuum cleaning system and hot and cold running water. The exterior will probably be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO.—Hotel alterations, brick and steel construction. Cost not stated. Architect, none. Owner, A. Nestori, 516 Pacific St. The work includes the construction of an additional story and considerable concrete work. There will be new plastering, electric work, painting and plumbing. The exterior of the new portion of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO.—Hotel, 7 story and base, Class B construction, \$90,000. Architect, John F. Haner, 3579 19th St., S. F. Owners, Sacramento capital. The building will be erected on lower Market street near Second and will cover an area of 50x88 feet. There will be two stores besides the hotel entrance on the first floor. Upper floors will be arranged for 80 rooms, several baths and a large dining room. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are now being prepared and figures will be called for shortly.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick, \$45,000. Architect, none. Owners, California Real Estate and Building Co., 631 South Spring St., L. A. The building will be erected at the corner of 6th and Ceres streets, and will cover an area of 75x100 feet. There will be one store besides the main hotel office and lobby on the first floor. Upper floors will be divided into 70 guest rooms and 18 baths. There will be steam heat, elevator service and a hot water heating plant. The interior of the building will be finished in pine and redwood with some oak and ornamental plaster used in the lobby. The exterior will be faced with pressed brick. The owners con-

struct all of their own buildings, but will be in the market shortly for the various materials.

LOS ANGELES, CAL.—Hotel and store, 2 story and base, brick. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owner, Walter J. Fisher. The building will be 32x93 feet. There will be stores on the first floor and 12 guest rooms on the second floor. The building will connect with a structure at the corner of Grand street, and the rooming house will be conducted by the same management. Interior finish will be of pine. The exterior will be faced with pressed brick. Plans are being prepared.

YOSEMITE VALLEY, CAL.—Hotel, 2 or 3 story and base, stone and steel construction, \$250,000. Architect, Myron Hunt, Hibernian Bldg., L. A., associated with Engineer Pierre Zucco, Mechanics' Institute Bldg., S. F. Owner, Frank A. Miller. Mr. Miller, who is proprietor of the Glenwood Mission Inn at Riverside is negotiating with the United States Government for a long term lease on property in the Yosemite Valley on which he will construct a magnificent tourist hotel. Mr. Miller's plans also contemplate the construction of a \$75,000 hotel at Glacier Point. He and his architect and engineer are now in the Yosemite Valley and on their return details of the building will be obtainable.

SAN DIEGO, CAL.—Hotel, 4 story and base, brick and steel, \$200,000. Architect, W. S. Hebbard, Grant Bldg., San Diego. Owner's name withheld. Plans for this building, which are now out for figures, show a structure covering a large ground area and arranged for stores and an arcade on the first floor. Upper floors will contain a large number of guest rooms. Construction will be fireproof. A contract will be awarded for the work by the first of February.

PASADENA, LOS ANGELES CO., CAL.—Hotel addition, 2 story, reinforced concrete. Cost not stated. Architect, Myron Hunt Hibernian Bldg., L. A. Owner, Wentworth Hotel Co. The two additional stories will add 150 guest rooms to the hotel. All rooms will have connecting baths. Construction will be entirely of reinforced concrete. The exterior of the building will be faced with cement plaster. A clay tile roof is specified. Bids are now being taken for the general construction, roof tile, plumbing, steam heating, electric work and bath room tile.

PORTLAND, ORE.—Hotel, 3 story and base, brick and steel, \$10,000. Architects, Bennet & Hendricks, Henry Bldg., Portland. Owner, Otto W. Nelson. The building is to be 50x90 feet, and is arranged for five stories besides the hotel lobby on the first floor and a total of 41 guest rooms and 10 baths on the upper floors. There will be steam heat and running water in all rooms. The exterior of the building will be faced with pressed brick. Interior finish will be of pine throughout. Patent store fronts are specified. Plans for the work are now being completed.

Contracts Awarded.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel, \$89,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Engineer, W. W. Breite, Clunie Bldg., S. F. Owners, Purst

Bros. Contractor, F. A. Muller. Contract price, \$80,000. Note: This building will cover an area of 40x100 feet.

—LIBRARIES—

SEATTLE, WASH.—Library, 2 story and base, brick, \$35,000. Architect, W. Mariny Somervell, Waite Bldg., Seattle. Owners City of Seattle. The building, which has been mentioned here before, will contain an auditorium in the basement, two main reading rooms on the first and second floors and the stack rooms and librarian's office. There will be a central heating system. Interior finish will be of hardwoods and metal. Metal shelving will be used. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and bids will be opened on February 3rd. Plans can be secured from the architect, J. T. Jennings is Secretary of the Seattle Public Library Committee.

—POST OFFICES—

GRAND JUNCTION, COLO.—Post office, 2 story and base, fireproof construction. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. The building will cover a ground area of approximately 5,700 square feet, and will contain the usual rooms and departments. Construction will be fireproof except ceiling and roof. The exterior of the building will be faced with stone. Roof will be of tin. Plans are complete and figures are being taken for the construction, complete, including the heating, plumbing, electric conduits and lighting fixtures. Bids will be opened on March 5th at Washington, D. C. Plans and specifications can be secured from the architect.

RAILROAD CONST., STATIONS AND EQUIPMENT.

PORTLAND, ORE.—Union station. Class A construction, \$3,000,000. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owners, Hill and Harriman interests. A report from Portland states that the above mentioned architects have been commissioned to prepare plans for a union station. The report cannot be verified in this city, and no details of the proposed structure are obtainable.

RESIDENCES.

SAN FRANCISCO—Residence, 1 story and base, frame, \$2,000. Architect, J. M. Ceary, 23rd and Folsom Sts., S. F. Owner, Louis Fortney. The dwelling will contain six rooms and bath. Interior finish will be of pine, Hungarian ash and oak. Oak floors will be used in the living and dining rooms. There will be open fire places and brick or tile mantels. Tile will be used in the kitchen and bath room. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, none. Owner, Thomas Hamill, 17th Avenue and California street, S. F. The e house will each contain six rooms and bath. Interior finish will be of pine, redwood and some hard-

wood. Oak floors will be used in the principal rooms. There will be open fire places in the living rooms with tile and brick mantels. Bath rooms and kitchens will have tile wainscot. The exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 1 1/2 and 2 story and base, frame, \$2,000 each. Architect, none. Owners, Oscar Heyman and Bros., 742 Market St., S. F. These houses will contain from five to six rooms each. Interiors will be finished in pine and redwood throughout. Some hardwood flooring will be used. There will be open fire places and tile or brick mantels. Tile will be used in the baths and kitchens. The exteriors will be covered with rustic, shingles or shiplap. Plans are in the hands of the owners and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalows, 2, 1 story and base, frame, \$2,000 each. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, C. M. MacGregor. Each of these dwellings has been designed to contain five rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. There will be large open fire places with attractive tile or brick mantels. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic. The plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George H. Richardson. This dwelling has been mentioned here before when plans were first started. The working drawings are now complete and figures will be called for shortly. Interior finish will be of pine, redwood and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath.

OAKLAND, CAL.—Residence, 1 1/2 story and base, frame, \$3,800. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. S. Cook. The dwelling will contain seven rooms and bath. Interior finish will be of pine, redwood and some hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. A contract has been awarded to F. A. Muller, and he is now taking subdivisions on all parts of the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,200. Architect, none. Owner, J. C. McQuillin, 2804 Stuart St., Berkeley. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat. The sum of \$53 is allowed for a mantel and the same amount for finish hardware. Tile will be used in

the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$1,000. Architect, W. H. Judson Albany Bldg., Oakland. Owner, Mr. Richel. The house will contain four rooms and bath. All interior finish will be of pine or redwood. An open fire place with tile or brick mantel will be used in the living room. The exterior of the dwelling will be finished with rustic. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, John F. Hauser, 3579 19th St., S. E. Owner's name withheld. The dwelling will be erected in Boulevard Park and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, Allan & Glenday, 1621 Broadway, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$4,000 and \$5,000. Architect, Theo. S. Boehn, David Hewes Bldg., S. F. Owners Pockman Building Co. Both of these dwellings will be erected on 13th avenue near Anza, and each will contain seven rooms and bath. Interiors will be finished in pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be large open fire places and brick or tile mantels. Tile will be used in the baths and kitchens. Automatic water heaters will be installed. The exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PICAYOUNT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, Lester B. Bieff, 1098 Grand Ave., Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior trim will be of pine and redwood. Oak floors will be used in three of the rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, Allan & Glenday, 1621 Broadway, Oakland. The dwelling will contain six rooms, bath and sleeping porch. All interior

finish will be of pine or redwood. Hardwood floors will be used throughout. A central heating system will be installed and a large open fire place will be a feature of the main living room. Tile will be used in the bath and kitchen. Mantel will be of brick. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, D. L. Levy. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior will be covered with cement plaster. Plans are being prepared.

HILLSBORO, SAN MATEO CO., CAL.—Residence, 3 story and base. Class A construction, \$500,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Charles Templeton Crocker. The old country residence of Mr. Crocker, known as Uplands and which has long been one of the show places of the peninsula, is to be practically wrecked and a new and more pretentious home erected on the old site. The new dwelling will be the finest country place in Hillsboro, and with the exception of Mary Pauline Payne's home at Menlo Park, the most costly place on the peninsula. Construction will be of steel and reinforced concrete, with hollow tile partitions and fireproof construction throughout. Interior finish will be of hardwoods, marble and tile. A large amount of ornamental plaster will be used. There will be the most improved system of heating, an elevator and dumb waiters. Vacuum cleaning and a refrigerating plant will also be installed. The exterior of the dwelling will be faced with terra cotta. Plans are complete and figures for the work are being taken by the architects.

SAN DIEGO, CAL.—Residence, 2 story and base, frame, \$50,000. Architects, Greene & Greene, Boston Bldg., Pasadena. Owner, Mrs. Mary Kew. The dwelling is designed in the Old English style with a plaster on shingle exterior ornamented with heavy beams. The first floor will be finished in oak throughout and the second in white enamel. All rooms will have hardwood floors. A central heating system and open fire places will be installed. A garage in keeping with the residence will also be erected. A large amount of concrete terraces are to be erected and landscape gardening on a large scale is contemplated. The work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$20,000. Architects, Hudson & Munsell, Stinson Bldg., L. A. Owner, X. Elisser, Contractor, Thomas K. Miller, 3450 So. Figueroa St., L. A. This contract has been awarded on the percentage basis, 12.8.

LOS ANGELES, CAL.—Tile and marble top 12 story office building, \$70,500. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, W. L. Hollingsworth, Contractor, B. V. Collins,

945 So. Los Angeles St., L. A., marble and tile work. Contract price, \$70,500.

SCHOOLS.

SAN FRANCISCO—Moving school, 3 story, Class A construction, \$150,000. Architects, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Three figures were received by the Board of Public Works for moving the High School of Commerce. The lowest figure was received from the Sound Construction Co., Seattle, and calls for an expenditure of \$151,000. For a complete list of all figures see under San Francisco in this issue.

OAKLAND, CAL.—School, 2 story and base, reinforced concrete, \$84,000. Architect, City Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. This building will be erected on Grand street near Perry, and will contain 12 class rooms and an assembly hall. Construction will be of reinforced concrete throughout. Interior will be faced with cement plaster. Plans are complete and figures will be opened by the Board of Education on February 17th. The official proposals appears in another column of this issue.

OAKLAND, CAL.—School, 1 story and base, reinforced concrete, \$64,000. Architect, City Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. The building will be known as the 54th Street School, and will be erected on 54th street near Market. There will be six class rooms, kindergarten, assembly hall, club room and teachers' and principal's rooms. A central heating system will be installed. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened by the Board of Education on February 10th. Plans and specifications can be secured from the architect.

OAKLAND, CAL.—School, 1 story and base, reinforced concrete, \$65,000. Architect, City Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. Bids opened for the construction of the 13th Avenue School show McLaren & Peterson low at \$61,225. For a complete list of all figures presented see under Oakland and Alameda County in this issue.

GALT, SACRAMENTO CO., CAL.—School, 2 story and base, brick, \$15,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, Galt Joint Union High School. Bids opened for this work have been taken under advertisement, and all checks except four have been returned. The work attracted an unusually large number of figures. A complete list of the bids may be found under the heading of Sacramento, Stockton and Northern California in this issue.

EL MODENA, ORANGE CO., CAL.—School, 1 story and base, brick, \$25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, El Modena School District. The building has been arranged to contain six standard size class rooms, teachers' rooms and principal's offices, besides a large auditorium seating 350 people. A complete stage will be a part of the auditorium. There will be a central heating system. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans

are complete and figures are being taken. Plans can be secured from the architect.

ORANGE, ORANGE CO., CAL.—Schools, 2, 2 story and base, brick and frame, \$40,000. Architect, Fred H. Eley, Hervey-Pinley Bldg., Santa Ana. Owners, Orange Union High School District. These two buildings, the science building and manual arts building, will be 50x100 and 60x100 respectively. Interiors will be finished in pine throughout. Heat will be supplied from the present system. The exteriors will be faced with cement plaster. The cost price does not include the machinery and equipment, which will be installed later. Plans are complete and figures are being taken. Bids will be opened by the Board of Education on February 21st. Plans can be secured from the architect.

SEWERS, STREET WORK AND WATER SYSTEMS

SAN FRANCISCO—Power station, 1 story and base, concrete. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. E. Owners, Pacific Gas and Electric Co. This building, designed for a sub-station, will be erected on Townsend street, between 1st and 2nd streets. Construction will be of reinforced concrete throughout with concrete floor. The exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

OXNARD, VENTURA CO., CAL.—Water system. Cost not stated. Engineers, Olmsted & Gillelen, Wright and Callender Bldg., L. A. Owners, City of Oxnard. Attorney Blackstock of Oxnard has just received word from the Appellate Court that the bonds voted by the people of Oxnard over a year ago for the construction of a water and light system in that city are legal. Steps will be taken at once towards entering into contracts for the construction of the system.

RIVERSIDE, RIVERSIDE CO., CAL.—Consolidation and extension of water systems. Cost not stated. Engineers, Burns & McDonnell, Kansas City, Mo. Owners, City of Riverside. The above named engineers have been retained by the city to prepare plans for the consolidation of the two water systems for the purchase of which \$1,000,000 in bonds were voted. A number of important extensions will also be planned.

Contracts Awarded.

LOS ANGELES, CAL.—Steel and concrete water tank, \$9,000. Engineer, County Engineer, L. A. Owners, Los Angeles County. Contractors, Security Contracting Co., Union Oil Bldg., L. A. Contract price, \$9,553.

LOS ANGELES, CAL.—Sewer system, 6 miles, \$550,000. Engineer, City Dept. of Engineering, L. A. Owners, City of Los Angeles. Contractors, Holt & Jeffery, Hinkley Block, Seattle. Contract price, \$528,844.34. Note: This sewer is known as the Arroya de la Brea.

BAKERSFIELD, KERN CO., CAL.—Water mains and hydrants. Cost not stated. Engineer, City Engineer, Bakersfield. Owners, City of Bakersfield. Contractor, Max Gundlach, Bakersfield, water pipe, \$2,546.65; Greenberg & Sons, Bakersfield, 35 fire



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hydrants. Contract price not stated.

PRESIDIO OF SAN FRANCISCO—Water main and by-pass, \$3,049. Engineers, Constructing Quartermasters' Dept., U. S. A., Fort Mason, Owners, U. S. Government. Contractor, Philip Schuyler, First National Bank Bldg., Oakland. Contract price, \$3,049.

STORES & OFFICE BUILDINGS.

SEATTLE, WASH.—Stores alterations and additions, concrete and brick construction, \$60,000. Architect, Harlan Thomas, Eilers Bldg., Seattle. Owners, Arcade Building. The present front will be removed and an arcade effect will be constructed on both street frontages. Interior partitions will be removed. An automatic sprinkler system will be installed. New electric wiring, plumbing, painting and plastering are called for in the specifications. New store fixtures will also be constructed. Plans for this work are nearly complete and figures will be called for shortly.

PORTLAND, ORE.—Stores, 1 story and base, brick and steel. Cost not stated. Architects, Emil Schacht & Son, Portland. Owner, Fred B. Brown. The building will cover an area of 90x100 feet. The space has been arranged for four stores and a moving picture house. There will be plate glass display windows with patent store fronts. Interior finish will be of pine and some hardwood. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Stores, 1 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, D. Botillier.

The building will be erected on Main street and will cover a ground area of 100x100 feet. A number of modern stores will be arranged for, all of which will have patent store fronts and plate glass windows. Interior finish will be of pine and redwood with some hardwoods used in the display windows. A cement floor will cover the entire area. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Lofts, 10 story and base, Class A construction, \$100,000. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Knickerbocker Fireproof Building Co. Contractor, J. V. McNeil, Citizens' National Bank Bldg., L. A. Contract price, \$100,000.

LOS ANGELES, CAL.—Lofts, 7 story and base, reinforced concrete, \$70,000. Architect, S. Tilden Norton, Title Insurance Bldg., L. A. Owner, J. Kahn. Contractor, J. V. McNeil, Citizens' National Bank Bldg., L. A. Contract price, \$70,000.

SEALED PROPOSALS.

PROPOSALS FOR PUMPING PLANT.

SEALED bids or proposals are invited to be delivered to the Board of Park Directors of the City of Oakland, at its office, City Hall Annex, 128 Broadway, Oakland, California, on Thursday, the 30th day of January, 1915, between the hours of 2 o'clock and 3 o'clock p. m., for furnishing necessary labor and materials for and in the construction of 1 deep well pump-

log plant and centrifugal pumping plant in Mosswood Park for the Board of Park Directors of the City of Oakland, Alameda County, California said pumping plant to be constructed by successful bidders therefor in accordance with the plans and specifications therefor said plans and specifications being on file in the office of said Board of Park Directors to which reference is hereby made for full details and description of said work. Proposals shall be made upon blank forms which will be furnished by the secretary of the Board of Park Directors upon application. All work done and material furnished shall be to the approval of C. F. Allardt, Mechanical Engineer, and to the acceptance of the Board of Park Directors.

Work shall be commenced within ten (10) days and shall be completed within sixty (60) days from date of contract.

Each bid must be accompanied by a check of ten per cent of amount of bid, payable to "Frank R. Thompson, Clerk of the City Council" certified by a responsible bank, which check shall be forfeited to the City of Oakland should the bidder receiving an award fail within ten (10) days after acceptance of bid to enter into a contract and furnish the bond required as set forth in this notice.

The Board of Park Directors reserves the right to reject any or all bids.

By order of the Board of Park Directors,
HENRY F. VOGT,
Secretary.

PROPOSALS FOR BUILDING.

TREASURY DEPARTMENT—Office of the Supervising Architect, Washington, D. C., January 17, 1913.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 28th day of February, 1913, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduit and wiring, and lighting fixtures), of the United States post office and courthouse at Pocatello, Idaho. The building is three stories and basement, with a ground area of approximately 4,500 square feet, fireproof construction, stone and brick facing, tin roof. Drawings and specifications may be obtained from the custodian of site at Pocatello, Idaho, or at this office, at the discretion of the Supervising Architect.

O. WENDELOTTH,
Supervising Architect.

PROPOSALS FOR BUILDING.

BRICK SCHOOLHOUSE—Department of the Interior, Office of Indian Affairs, Washington, D. C., December 27, 1912.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Brick Schoolhouse, Pueblo Bonito Indian School, New Mexico," and addressed to the Commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m., February 12, 1913, for furnishing materials and labor for the erection of a brick schoolhouse at the Pueblo Bonito Indian School, N. Mex., in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at the office, the offices of the supervisor of construction, Denver, Colo., the Post, Denver, Colo.; the U. S. Indian warehouse, San Francisco, Cal., and at the school. For further

information apply to the superintendent of the Pueblo Bonito Indian School, Crownpoint, N. Mex. F. H. ABBOTT, acting commissioner.

PROPOSALS FOR ROAD WORK.

ROADWORK—Constructing Quartermaster's office, Vancouver Barracks, Wash.—Sealed proposals, in triplicate, will be received in this office until 11 a. m., February 4, 1913, and then publicly opened for the construction of walks, curbs, gutters, etc., at this post. Full information furnished on application. A deposit of \$5 will be required to insure return of plans, specifications, etc. Envelopes containing proposals to be indorsed "Proposals for Walks, Etc.," and addressed to the Constructing Quartermaster.

PROPOSALS FOR BUILDING.

THE BOARD OF EDUCATION OF the City of Oakland, State of California, requests and will receive bids for the furnishing of all the materials, labor, and workmanship required in connection with the construction and completion of a one (1) story reinforced concrete and wood frame school building to be known as the Fifty-fourth and Market Street School, to be erected on the block of land located on the westerly side of Market street, between 53rd and 54th streets; also for the furnishing of all materials, labor and workmanship required in connection with the construction and completion of a two (2) story and basement reinforced concrete frame school building to be known as the Perry School, and to be erected on block of land located on the westerly side of Grand avenue between Perry street and Santa Clara avenue, both such blocks of land being in the City of Oakland, Alameda County, State of California.

All said materials, labor and workmanship for each of the above named buildings is to consist of that required by, and be in accordance with the plans, drawings and specifications prepared therefor and now on file in the office of John J. Donovan, the Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

All proposals for each of the said buildings shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for (name of school)," addressed to the Board of Education. The proposal for the Fifty-fourth and Market Street School shall be deposited by the bidder or his agent, with the Board, while in session, between 430 and 530 o'clock p. m., Pacific Time, on the 10th day of February, 1913, and the proposal for the Perry School shall be deposited by the bidder, or his agent, with the Board while in session between 430 and 530 o'clock p. m., Pacific Time, on the 17th day of February, all in the rooms of the Board in the City Hall Annex, No. 572 Broadway, Oakland, California, and at the expiration of each of the times named the respective bids will be opened, examined and publicly defined in open session of the Board.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank R. Thompson, City Clerk, in an amount not less than ten per centum (10%) of

the aggregate amount of the proposal. Said check shall be forfeited to and retained by the City if the successful bidder fails or refuses to execute the contract in the required forms to be provided by the City as required by the Charter of the City of Oakland within twenty (20) days after receiving notice of award.

The contract for the furnishing of all the labor and material entering into the construction and completion of each of the said buildings, including plumbing, heating, ventilating, electric work and other equipment indicated on the drawings or called for in the specifications, is to be let or awarded as a whole or general contract. No bid which combines the two buildings in one figure will be considered.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Board in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

By order of the Board of Education of the City of Oakland, California,

R. B. S. YORK,
Secretary of the Board of Education of the City of Oakland.

PROPOSALS FOR BRIDGE WORK.

STEEL BRIDGE—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Bridge Across the Clearwater River, Red Lake Reservation, Minnesota," and addressed to the Commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m., February 19, 1913, for furnishing materials and labor for the erection of a riveted steel highway bridge across the Clearwater River, Red Lake Indian Reservation, Minnesota, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo., and at the school. For further information apply to the superintendent of the Red Lake Indian School, Red Lake, Minn. F. H. ABBOTT, acting commissioner.

PROPOSALS FOR BUILDINGS.

BUILDING—Sealed proposals, indorsed "Proposals for Contagious Group Buildings," will be received at the Bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., February 21, 1913, and then and there publicly opened for hospital buildings at the naval hospital reservation, Puget Sound, Wash. Estimated cost, \$12,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard, Bremerton, Wash. H. R. STANFORD, chief of bureau.

TREASURY DEPARTMENT—Office of the Supervising Architect, Washington, D. C., January 22, 1913.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 5th day of March, 1913, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting

structures, and approaches) of the United States post office at Grand Junction, Colo. The building is to be two stories and basement, and has a ground area of approximately 5,700 square feet; fireproof construction, except ceiling and roof; brick and stone facing and tin roof. Drawings and specifications may be obtained from the custodian of site at Grand Junction, Colo., or at this office, at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Friday, January 31, 1913.

Work For Contract No. 18.
Grading Sites for Liberal Arts Building, Court of Honor, North Entrance to Court of Honor, North Road and Fulton Basin Docks in accordance with the

specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Building, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

WHARF CONSTRUCTION — Reinforced concrete, \$500,000. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Bids for the construction of Pier No. 37 were opened at Thursday's session of the State Board of Harbor Commissioners and show the Thompson Bridge Co., low at \$175,200. For a complete list of the figures presented see under San Francisco in this issue.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, E. N. Denke, Humboldt Bank Bldg., S. F. Owner, Max Kolander. The building will be erected on a corner site and will cover a considerable ground area. Interior will be arranged for two and three room suites with wall beds and private baths. There will be steam heat. Bath rooms will be finished in tile. The interior will be finished in pine, redwood and some hardwoods. Iron fire escapes will be installed. The exterior of the building will be covered with shiplap and brick veneer. Plans are now being prepared.

WHARF CONSTRUCTION — Reinforced concrete, \$500,000. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans have been completed and approved for the construction of Pier No. 39 which will be erected adjoining Pier No. 37. Construction will be similar to that used by the Government at the Army Transport Docks at Fort Mason. Bids will be received by the State Board of Harbor Commissioners, Ferry Bldg., S. F., on February 6th. Complete plans and specifications can be secured from Engineer Newman. The official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and

base, frame, \$10,000. San Francisco. Architect, J. G. Kincannon, 1179 Hayes St., S. F. Owners, Metropolis Investment Co. The building will have a frontage of 28 feet and a depth of 87 feet. The interior has been arranged for six apartment flats of four rooms and bath each. Interior finish will be of pine, redwood and some elm. Wall beds will be used throughout. There will be a central heating system and hot water heaters. Bath rooms will be finished in tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCES—1, 1½ and 2 story and base, frame, \$2,000 each. San Francisco. Architect, none. Owners, Oscar Heyman & Bros., 742 Market St., S. F. These houses will contain from five to six rooms each. Interiors will be finished in pine and redwood throughout. Some hardwood flooring will be used. There will be open fire places and tile or brick mantels. Tile will be used in the baths and kitchens. The exteriors will be covered with rustic, shingles or shiplap. Plans are in the hands of the owners and the work will be done by Day Labor.

WHARF CONSTRUCTION — Reinforced concrete, \$500,000. San Francisco. Engineer, Assistant State Engineer Newman, Ferry Bldg., S. F. Owners, State of California. Plans have been approved by the State Board of Control for the construction of Pier No. 41 and also for two Ferry Freight Ships, which are to be erected adjoining Pier No. 41. The pier will be 1010 feet long and 200 feet wide, of the reinforced concrete type. Freight ships will be constructed of cerosated wood-on piles and are estimated to cost \$200,000. Pier No. 41 will cost \$500,000. Bids will be called for within the next week or ten days for this work.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco.

Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, Louis D. Stoff. The building will be arranged for six apartments designed on the apartment flat style. All suites will have private bath and wall beds. Interior finish will be of pine, redwood and elm. Bath rooms will be finished in tile. There will be steam heat and a hot water heating system. The exterior of the building will be covered with cement plaster and shiplap. Plans are complete and figures are being taken.

RESIDENCE — 1 story and base, frame, \$2,000. San Francisco. Architect, J. M. Coary, 23rd and Polson Sts., S. F. Owner, Louis Fortney. The dwelling will contain six rooms and bath. Interior finish will be of pine, Hungarian ash and oak. Oak floors will be used in the living and dining rooms. There will be open fire places and brick or tile mantels. Tile will be used in the kitchen and bath room. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owner, Thomas Hamill, 17th Ave. and California St., S. F. These houses will each contain six rooms and bath. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be open fire places in the living rooms with tile and brick mantels. Bath rooms and kitchens will have the wainscot. The exterior will be covered with rustic, shingles and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$4,000 and \$5,000. San Francisco. Architect, Theo. S. Boehn, David Hewes Bldg., S. F. Owners, Pockman Building Co. Both of these dwellings will be erected on 13th Ave. near Anza, and each will contain seven rooms and bath. Interiors will be finished in pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be large open fire places and brick or tile mantels. Tile will be used in the baths and kitchens. Automatic water heaters will be installed. The exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mr. Hunter. The building will be erected on Washington St., near Taylor, and is to contain a number of two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and redwood with some elm veneer. There will be a central heating system and a hot water plant. Vacuum cleaning will also be installed. The exterior of the building will be covered with brick veneer and cement plaster. Plans are nearly ready for figures.

FACTORY—1 story, galvanized iron, \$5,000. San Francisco. Architect, B. V. Woods, 331 17th Ave., S. F. Owners, Clinton Fireproofing Co., 213 Mutual Bank Bldg., S. F. This building is to be erected as a shop warehouse and yard and will be located on Townsend near Stanford. There will be a concrete foundation and exterior walls of galvanized iron. Construction will be carried on by Day Labor.

FLATS—2-story and base, frame, \$3,000. Architect, none. San Francisco. Owner, Thomas M. Jones, 37 Guerrero St., S. F. The building will cover an area of 2x57 feet, and is arranged to contain two modern flats of five and six rooms. Interior finish will be of pine throughout. Some oak flooring will be used. There will be gas grates and tile mantels. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner, who will do the work by day labor.

GARAGE—1 story and base, brick and steel. Cost not stated. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mr. McCrae. The building will be erected on Golden Gate avenue, near Larkin street. The interior is to be arranged for the automobile business. Floors will be of cement. Offices will occupy the front portion of the structure and repair room and shipping departments the balance. Interior finish will be of pine and hardwood. The wall will also be used to a considerable extent. The exterior of the building will be faced with pressed brick. Patent store fronts are to be specified.

GARAGE—1 story and base. Class A construction, \$30,000. San Francisco. Architects, Fabre & Bearwald, Western Metropolis Bank Bldg., S. F. Owner, Henry Ohlandt, Jr. The building is to be erected at the southwest corner of Grove and Broderick streets and will cover a considerable ground area. There will be some steel, brick exterior walls, faced with pressed brick and concrete floors. Special store tanks will be installed for gasoline. A completely equipped machine shop will occupy a part of the building, the balance of the space being given over to storage room. Plans are now being prepared.

HOTEL AND STORE—3 story and base, frame, \$10,000. San Francisco. Architect, John F. Haner, 3579 19th St., S. F. Owner's name withheld. The building will be erected on Lombard near Lyon street. The first floor will contain a store. Basement is to be arranged for a billiard hall and the two upper floors will contain 18 single rooms. Interior finish will be of pine and redwood throughout. All rooms will be supplied with running water. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared and figures will be called for shortly.

HOTEL—7 story and base. Class C construction, \$125,000. San Francisco. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, A. O. Stewart. The building will be erected in the north line of Ellis street, 87½ feet east of Mason. The property is regarded as one of the most choice sites remaining vacant. The building will be designed for a high class hotel with all modern conveniences, including steam heat, elevator service, vacuum cleaning system and hot and cold running water. The exterior will probably be faced with pressed brick. Plans are being prepared.

HOTEL ALTERATIONS—Brick and steel construction. Cost not stated. San Francisco. Architect, none. Owner, A. Nestori, 516 Pacific St. The work includes the construction of an additional story and considerable concrete work. There will be new plas-

tering, electric work, painting and stonework. The exterior of the new portion of the building will be faced with cement plaster. Plans are complete and the work will be done by day labor.

HOTEL—7 story and base. Class B construction, \$90,000. San Francisco. Architect, John P. Haner, 3579 19th St. Owners, Sacramento capital. The building will be erected on lower Market street, near Second, and will cover an area of 50x88 feet. There will be two stories besides the hotel entrance on the first floor. Upper floors will be arranged for 80 rooms, several baths and a large dining room. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are now being prepared and figures will be called for shortly.

MOVING SCHOOL—3 story, Class A construction, \$150,000. San Francisco. Architects, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Three figures were received by the Board of Public Works for moving the High School of Commerce. The lowest figure was received from the Sound Construction Co., of Seattle, and calls for an expenditure of \$151,000. For a complete list of all figures see under San Francisco in this issue.

POWER STATION—1 story and base, concrete. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Pacific Gas and Electric Co. This building, designed for a sub-station, will be erected on Townsend street, between 1st and 2nd streets. Construction will be of reinforced concrete throughout with concrete floor. The exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

HOTEL—2 or 3 story and base, stone and steel construction, \$250,000. Yosemite Valley, Cal. Architect, Myron Hunt, Hibernian Bldg., L. A., associated with Engineer Pierre Zucco, Mechanics' Institute Bldg., S. F. Owner, Frank A. Miller. Mr. Miller, who is proprietor of the Glenwood Mission Inn at Riverside is negotiating with the United States Government for a long term lease on property in the Yosemite Valley on which he will construct a magnificent tourist hotel. Mr. Miller's plans also contemplate the construction of a \$75,000 hotel at Glacier Point. He and his architect and engineer are now in the Yosemite Valley and on their return details of the building will be obtained.

POST OFFICE—2 story and base, fireproof construction. Cost not stated. Grand Junction Colo. Architect, Oscar Wenderoth Washington, D. C. Owners, United States Government. The building will cover a ground area of approximately 5,700 square feet and will contain the usual rooms and departments. Construction will be fireproof except ceiling and roof. The exterior of the building will be faced with stone. Roof will be of tin. Plans are complete and figures are being taken for the construction, complete, including heating, plumbing, electric conduits and lighting fixtures. Bids will be opened on March 5th at Washington, D. C. Plans and specifications can be secured from the architect.

Contracts Awarded.

SUBTREASURY—2 story and base. Class A construction, \$384,300. San Francisco. Architect, Milton J. Dyer, Cleveland, Ohio. Owners, United States Government. Contractor, Grant Fee, Monadnock Bldg., S. F. Contract price, \$384,300. Note: The report current in building circles for the last two weeks to the effect that new figures were to be called for on the construction of this building are without foundation, as the Treasury Department has authorized the award of contract to Grant Fee, the lowest bidder.

WATER MAIN AND BY-PASS—\$3,049. Presidio of San Francisco. Engineers, Constructing Quartermasters' Dept., U. S. A., Fort Mason. Owners, U. S. Government. Contractor, Philip Schuyler, First National Bank Bldg., Oakland. Contract price, \$3,049.

Bids Opened For State Harbor Work In S. F.

Bids For Construction of Pier No. 37 Show Thompson Bridge Company Low Men at \$475,200.

The State Board of Harbor Commissioners opened four sets of bids for the construction of Pier No. 37 and adjacent wharf work on Thursday, January 23rd. Pier No. 37 will be erected at the foot of Kearny street and is to be of reinforced concrete construction. Bids were asked for on two separate propositions. Proposition No. 1 as per plans and specifications and Proposition No. 2 including extra supports for outfall of North Point Main sewer. The lowest figures were received from the Thompson Bridge Company and they will probably be awarded the contract. Their bids of \$475,200 and \$483,700 are well within the Assistant State Engineer's estimate for the work. The following is a list of bids received:

Construction of Pier No. 37.
Thompson Bridge Co., Proposition No. 1, \$475,200; Prop. No. 2, \$483,700.
Pacific Wakefield Co., Proposition No. 1, \$617,000; Prop. No. 2, \$625,000.
F. Rolandi, Proposition No. 1, \$687,523; Prop. No. 2, add \$6,500.
San Francisco Bridge Co., Proposition No. 1, \$617,400; Prop. No. 2, \$627,000.
Healy-Tibbitts Constr. Co., Proposition No. 1, \$555,000; Prop. No. 2, \$564,000.
No award will be made until the next meeting of the State Board of Harbor Commissioners.

City Bids Opened.

Sound Construction Company of Seattle is Low Bidder for Moving High School of Commerce.

Three bids only were received by the Board of Public Works for moving the High School of Commerce from its present site on Grove street, between Larkin and Polk streets, to a site on Fell street, between Van Ness avenue and Franklin street. Bids were opened at the Wednesday afternoon session of the Board. The Sound Construction Company, a Seattle firm, have entered the San Francisco market and presented the lowest bid at \$151,000. No

award was made. The following is a list of the figures received:

Moving High School of Commerce.	
Grant Fee	\$165,000
N. H. Pearson	178,000
Sound Construction Co.	151,000

BUILDING SUPERINTENDENT.
Glaeken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Experience in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded.

San Francisco.

198 Hilson	Weibel	1520
199 Smith	Smith	1009
200 Kurz	Kurz	400
201 Larsen	Larsen	1800
202 Younger	Elliot	11626
203 Allyne	Day	23879
204 Mertes	Mertes	1800
205 Mertes	Mertes	1800
206 Gandoffo	Devencenzi	400
207 Fisk	Behm	400
208 Rashley	Owner	450
209 Sudeman	Sudeman	1250
210 Rapp	Lorenzen	1000
211 Decea	Decea	500
212 Paladini	Cereghino	500
213 Nestori	Nestori	3500
214 Blaettler	Casty	23879
215 Coulson	Coulson	1000
216 Nelson	Nelson	1000
217 Kilbourn	Schulte	500
218 Hamill	Hamill	5720
219 Same	Same	2750
220 Young	Young	400
221 Smith	Evans	500
222 Carroll	Carroll	400
223 Jones	Jones	3000
224 Wigwam	Auto Sprinkler	15
225 Williams	Knolly	500
226 Cochran	O'Neil	500
227 Bomere	Bomere	1000
228 Hemminga	Hemminga	750
229 Heyman	Heyman	1350
230 Heyman	Heyman	1350
231 Heyman	Heyman	2000
232 McElroy	Herring	5450
233 Same	Morehouse	10800
234 Gerson	Van Herick	11150
235 Ford Motor	Clinton	161917
236 Crowley	Hart	1080
237 Crowley	Haub	5950
238 Thompson	Hoots	8900
239 Coleson	Turner	2175
240 Toboni	Sciochetti	1735
241 Hoin	Hoin	500
242 Labat	Metter	1000
243 Anderson	Anderson	1800
244 Chorovski	Ratto	350
245 Eastwood	Eastwood	400
246 Lowenberg	Lowenberg	700
247 Spandau	Harcom	7354
248 Phelan	Montague	1375
249 Westgate	Fed'l Constr	36242
250 Same	Lapp	2968
251 Heston	Nimmo	600
252 Vanelli	Francesconi	600
253 Nash	Nash	450
254 Chorovski	Ratto	350
255 Lesser	Moise	1850
256 Larson	Larson	2000
257 Pockman	Owner	4000
258 Pockman	Owner	5000
259 Posch	Posch	1000
260 Clinton Pfg	Owner	5000
261 Schuppert	Burns	6820

(198) NOS. 246-248 PACIFIC. Alter stores.
Owner.....A. Hilson, SW Geary and Powell, San Francisco.
Architect...None.
Contractor...Louis J. Weibel, 1554 Leavenworth, S. F.
COST, \$1025

(199) E FIFTEENTH AVE 175 N Judah. One-story and basement frame dwelling.
Owner.....Robert Smith, 737 McAllister, San Francisco.
Architect...None.
Day's work. COST, \$1000

(200) NE ANNA LANE AND EDDY. Repair basement.

Owner.....H. I. Kurz, Premises.
Architect...Arthur Scholz, Phelan Bldg., San Francisco.
Day's work. COST, \$400

(201) W JULIAN AVE 155 N 15th. One-story brick factory.
Owner.....Mrs. A. Larsen, 623 Baker, San Francisco.
Architect...None.
Contractor...L. C. Larsen, Crocker Bldg., San Francisco.
COST, \$800

(202) N JACKSON 137 E Locust N 127-84xE 32. All work except heating, painting, finish hardware, electric fixtures for three-story and basement frame residence.

Owner.....Virginia T. Younger.
Architect...Miller & Colmesnil, Lbk Bldg., San Francisco.
Contractor...E. W. Elliot, 180 Jessie, San Francisco.

Filed Jan. 20, '13. Dated ———.
Foundation in and 2nd story joists on \$2179.87
Slate roof on, sheathing and rough plumbing in 2179.87
Inside finish, plastering on and outside shingled 2179.87
Completed and accepted 2179.89
Usual 35 days 2906.50
TOTAL COST, \$11,626.00

Bond, \$5813. Surety, Pacific Coast Casualty Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(203) SE MISSION 382-4 NE Second NE 35-6 SE 80 SW 7 SE 80 SW 63-4 NW 80 NE 34-10 NW 80. All work for two-story plant "C" stores.

Owner.....Mary N. Lucy H. and Edith W. Allyne, 2609 Gough, San Francisco.

Architect...Reid Bros., Cal-Pacific Bldg., San Francisco.

Contractor...Thos. H. Day Sons, Monadnock Bldg., S. F.

Filed Jan. 20, '13. Dated Jan. 18, '13.
5th of each month 75%
10 days after 25%
TOTAL COST, \$23,879

Bond, \$12,100. Surety, Pacific Coast Casualty Co. Limit, March 31, '13. Forfeit, none. Plans and specifications filed.

(204) W TWENTY-SIXTH AVE 212 N Balboa. One and one-half-story and basement frame dwelling.

Owner.....S. B. Mertes & Bro., 178 21st Ave., San Francisco.

Architect...None.

Day's work COST, \$1800

(205) W TWENTY-SIXTH AVE 237 N Balboa. One and one-half-story and basement frame dwelling.

Owner.....S. B. Mertes & Bro., 178 21st Ave., San Francisco.

Architect...None.

Day's work. COST, \$1800

(206) E BOARDMAN 150 S Bryant. Alter dwelling.

Owner.....Frank Gandoffo, Premises.

Architect...None.

Contractor...L. N. Devencenzi, 415 Girard, San Francisco.

COST, \$400

(207) NO. 700 HAYES. Sleeping porch

Owner.....Arthur G. Fisk.

Architect...None.

Contractor...J. Behm & Co., 139 Oak, San Francisco.

COST, \$400

Lloyd S. Ackerman

Attorney-At-Law

Building Law and the Law of Mechanics' Liens.

Rooms 414-418 Nevada Bank Bldg.

14 Montgomery St., S. F.

Refers to: Anglo California Trust Co., General Contractors' Association, United States Fidelity & Guaranty Co., Daily Pacific Builder.

(208) W RHODE ISLAND 100 N 22nd. One-story and basement frame dwlg.
Owner.....John Rashley, 979 Rhode Island, San Francisco.

Architect...None.

Day's work. COST, \$450

(209) W PARIS 200 N Brazil. One and one-half-story and basement frame dwelling.

Owner.....O. H. Sudeman, 244 Paris, San Francisco.

Architect...A. J. Storm, 143 Peralta Ave., San Francisco.

Day's work. COST, \$1250

(210) NOS. 121-33 SECOND. Erect partition.

Owner.....John Rapp, 1461 Page, S. F.

Architect...Merrill & Co., 143 2nd, San Francisco.

Contractor...J. T. Lorenzen, 430 Steiner, San Francisco.

COST, \$1000

(211) NO. 152 COOK. Alter and repair dwelling.

Owner.....Steve Decea, 306 Santa Rosa Ave., San Francisco.

Architect...Paul De Martini, 421 5th Ave., San Francisco.

Contractor...Paul De Martini.

COST, \$500

(212) NO. 540 CLAY. Remove and replace concrete.

Owner.....A. Paladini, Premises.

Architect...None.

Contractor...L. Cereghino & Son, 6 Marshall, San Francisco.

COST, \$500

(213) NO. 516 PACIFIC. Lower floor, remove rear wall of 1st story and install steel girder.

Owner.....A. Nestori, Premises.

Architect...None.

Day's work. COST, \$3500

(214) N SEVENTEENTH 210 W Guerrero. All work except gas fixtures for two-story and basement frame flats.

Owner.....Mrs. Carolina T. Blaettler, 3538 17th, San Francisco.

Architect...None.

Contractor...John Casty, 327 Brazil Ave, San Francisco.

Filed Jan. 21, '13. Dated Jan. 20, '13.

Frame up and roof on \$1143

Completed and accepted 1143

Usual 35 days 1000

TOTAL COST, \$3286

Bond, none. Limit, 75 days. Forfeit, \$2. Plans and specifications filed.

(215) NO. 35 POPE. Erect four chicken houses.

Owner.....Coulson Hatchery & Feed Co., 1378 Market, S. F.

"WAINWRIGHT"

GALVANIZED

STEEL CORNER BAR

FOR PROTECTING EDGES OF CONCRETE CURBS STEPS, COLUMNS, ETC.

The Only Effective CONCRETE EDGE PROTECTOR

Offered to the Contracting Public

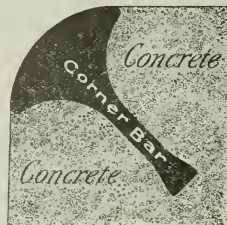
WAINWRIGHT PATENTS—March 9, 1897.

November 22, 1898. May 5, 1903.

March 26, 1907. Aug. 29, 1907.

Aug. 2, 1910.

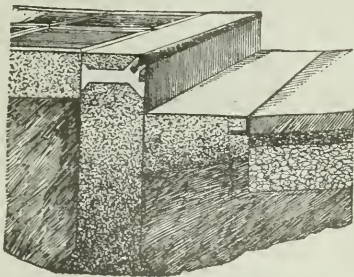
This bar has been in public use for more than ten years as the main feature of the



Wainwright Steel-Bound Concrete Curb THE BEST IN THE WORLD OVER THREE MILLION FEET

In Use in More Than Three Hundred Cities in the United States

ABSOLUTELY NON-BREAKABLE--CHEAPER THAN GRANITE



Handsome Than Granite and much stronger. Continuous In Construction, hence never out of line. GALVANIZED STEEL CORNER BAR Prevents Chipping or Breaking on Edges. This Curb is Mechanically Perfect and Unequalled for Curved Corners.

This Curb Will Stand Harder Use And Last Ten

Times As Long As Plain Concrete Curb

CONTRACTORS can make money by laying this curb.

CITY ENGINEERS can save money by specifying it.

ARCHITECTS are invited to read pages 242 and 243 "Sweet's Index."

METAL PARTS FOR SALE
SEND FOR COPYRIGHTED BOOKLET No. 16

The Lilley & Thurston Co.

RIALTO BUILDING,

SAN FRANCISCO



NEW CHURCH BUILDING FOR ST. JOSEPH'S PARISH NOW UNDER CONSTRUCTION
San Francisco

John J. Foley, Architect
San Francisco

Building and Industrial News
January 28, 1913

PLATE A



PERSPECTIVE VIEW NORTH ELEVATION, AUDITORIUM
Oakland, California

Architects Palmer & Hornbostel, New York, & J. J. Donovan, Oakland

- rchitect...None.
ay's work. COST, \$1000
- (16) N LAIDLEY 150 E Harper. One-story and basement frame dwelling.
wner.....N. F. Nelson, 278 Whitney, San Francisco.
rchitect...None.
ay's work. COST, \$1000
- (217) NO. 261 MARKET. New front and erect partition.
wner.....Gus. Kilborn, Premises.
rchitect...None.
ontractor..H. Schulte, 630 Precita Ave., San Francisco. COST, \$500
- (218) W SEVENTEENTH AVE 121-1 S California. Two-story and basement frame residence.
wner.....Thos. Yamhill, Premises.
rchitect...None.
ay's work. COST, \$2750
- (219) W SEVENTEENTH AVE 196-1 S California. Two-story and basement frame residence.
wner.....Thos. Hamill, Premises.
rchitect...None.
ay's work. COST, \$2750
- (220) NO. 49 CUMBERLAND. Raise residence, alter front and change plumbing pipes and rat proof basement.
wner.....Josephine B. Young, Prem.
rchitect...None.
ay's work. COST, \$400
- (221) NO. 143 HAIGHT. Change partitions, install new bath, boiler, basin sink, toilet, china and clothes closets and new windows.
wner.....Mr. Smith and wife, Prem.
rchitect...None.
ontractor..O. Evans, 4221 21st, S. F. COST, \$500
- (222) NO. 3415 TWENTY-SECOND. Erect partitions.
wner.....J. Carroul, Premises.
rchitect...Fabre & Bearwald, Mer. National Bank Bldg., S. F.
ay's work. COST, \$400
- (223) E SEVENTEENTH AVE 75 N Anza. Two-story and basement frame flats.
wner.....Thomas M. Jones, 37 Guerrero, San Francisco.
rchitect...None.
ay's work. COST, \$3000
- (224) E MISSION 215 N 22nd N 88xE 122-6 MB 64. Automatic sprinkler equipment and hose reel system, etc., for theatre building.
wner.....Wigwam Amusement Co.
rchitect...Crim & Scott, 425 Kearny, San Francisco.
ontractor..Automatic Sprinkler Co., Merchants' Exchange Bldg. San Francisco.
Filed Jan. 22, '13. Dated Jan. 8, '13.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$1500
Bond, \$750. Surety, United States Fidelity & Guaranty Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.
- (225) SE SEVENTEENTH AND NOE. New front.
wner.....J. A. Williams, Clunie Bld. San Francisco.
rchitect...None.
- Contractor..Kneally & Gallagher, 241 Noe, San Francisco. COST, \$500
- (226) NO. 1516 MARKET. Erect gallery.
wner.....Cochran-Navlet Co., Prem.
rchitect...None.
ontractor..Dan O'Neill, 278 Natoma, San Francisco. COST, \$500
- (227) W CHARTER OAK 200 N Silver. One-story and basement frame dwelling.
wner.....Christian Bomerer, 307 Hale, San Francisco.
rchitect...None.
ay's work. COST, \$1000
- (228) E BAKER 200 S Hayes. New front, enlarge shop and new roof.
wner.....R. E. Hemminga, 330 Baker, San Francisco.
rchitect...None.
ontractor..W. L. Hemminga, 1556 Hayes, San Francisco. COST, \$750
- (229) NE SEARS 150 SW Sickles. One story and basement frame dwlg.
wner.....Oscar Heyman & Bro., 742 Market, San Francisco.
rchitect...None.
ay's work. COST, \$1350
- (230) SW SICKLES 53.50 NE Sears. One and one-half-story and basement frame dwelling.
wner.....Oscar Heyman & Bro., 742 Market, San Francisco.
rchitect...None.
ay's work. COST, \$1850
- (231) SW SICKLES 53.50 NW Huron. Two-story and basement frame residence.
wner.....Oscar Heyman & Bro., 742 Market, San Francisco.
rchitect...None.
ay's work. COST, \$2000
- (232) SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. Rough and finishing mill work except flagstaff for six story and basement Class "C" stores and lofts.
wner.....R. D. McElroy.
rchitect...Wm. Curlett & Son, Phelan Bldg., San Francisco.
ontractor..Herrings Mill Inc., 539 Brannan, San Francisco.
Filed Jan. 23, '13. Dated Jan. 11, '13.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5450
Bond, \$2725. Surety, United States Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.
- (233) METAL FURRING. METAL lathing plastering, fire proofing, ornamental plaster work, Keen's cement, cementing of fire walls on above.
ontractor..C. C. Morehouse, Crocker Bldg., San Francisco.
Filed Jan. 23, '13. Dated Jan. 11, '13
Payments on 1st and 15th of each month of 75%
Usual 35 days..... 25%
TOTAL COST, \$10,800
Bond, \$5400. Surety, United States Fidelity & Guaranty Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.
- (234) W KEARNEY 134-11 N Washington N 50 W 50-5 N 2 in. 57-6 S 50-2 E 107-11. Carpenter, Hnch and rough hardware, glazing, steel work, sheet metal, roofing, marble and tile, painting, lath and plaster and tinting for three-story Class "C" store and rooms.
wner.....Louis Friedman & Samuel Gerson, 126 Bush, S. F.
rchitect...Jos. Cahen, 45 Kearny, San Francisco.
ontractor..Wm. Van Herick, 218 23rd Ave., San Francisco.
Filed Jan. 23, '13. Dated Jan. 14, '13.
3rd floor joists set.....\$1000 00
Roof on 1787 50
Brown coated 2787 50
Completed and accepted..... 2787 50
Usual 35 days..... 2787 50
TOTAL COST, \$11,150 00
Bond, \$5575. Surety, American Bonding Co. Limit, 120 days. Forfeit, \$10. Plans and specifications filed
- (235) SW HARRISON & 21ST W 125x S 425. Excavation, steel, iron, concrete, brick, terra cotta, granite, stone, marble and slate, steel sash and doors, ornamental and structural iron and metal roof, sheet metal, plaster, painting and carpenter work for service buildings.
wner.....The Ford Motor Co., 100 Van Ness Ave., S. F.
rchitect...John Graham, Seattle, Washington.
ontractor..The Clinton Fire Proofing Co., Mutual Bank Bldg., San Francisco.
Filed Jan. 23, '13. Dated Dec. 26, '12.
Payments on 15th of each month of 75%
Usual 35 days.....Balance
TOTAL COST, \$161,917
Bond, none. Limit, 125 days. Forfeit, none. Plans and specifications filed.
- (236) SE BUSH & CHELSEA PLACE E 39-6xS 82. Heating for six-story and basement reinforced concrete apartment house.
wner.....Dr. T. J. Crowley and H. P. Stollenberg, 665 Fillmore, San Francisco.
rchitect...Righetti & Headman Phelan Bldg., San Francisco.
ontractor..Geo. Haub, 1945 Union, San Francisco.
Filed Jan. 23, '13. Dated Dec. 6, '12.
Roughed in\$405
Completed and accepted..... 405
Usual 35 days..... 270
TOTAL COST, \$1089
Bond, none. Limit, without delay. Forfeit, \$20. Plans and specifications filed.
- (237) PLUMBING. GAS FITTING. vacuum piping, hose reels, tank and hot water system on above.
ontractor..Geo. Haub, 1945 Union, San Francisco.
Filed Jan. 23, '13. Dated Nov. 22, '12.
Roughed in\$2462 50
Completed and accepted..... 2000 00
Usual 35 days..... 1487 50
TOTAL COST, \$5950 00
Bonds, Material Men, \$1757. owner. \$1757. Sureties, Chas. Schlesinger and R. Ringrose. Limit, without delay. Forfeit, \$20. Plans and specifications filed.
- (238) SW RIVOLI AND COLE S 27-6x W 100. All work except wall paper for two-story and basement frame apartments.

- Owner...W. G. Thompson.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Contractor...John A. Hoots, 251 Kearny
San Francisco.
Filed Jan. 23, '13. Dated Jan. 23, '13.
2nd story joists on.....\$1966
Brown coated.....1966
Completed and accepted.....1968
Usual 35 days.....3000
TOTAL COST, \$8900
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.
- (239) NE SUTTER AND OCTAVIA.
Steam heating plant for Cosmos Club
Building.
Owner.....The Coloson Co., 14 Mont-
gomery, San Francisco.
Architect...A. F. & C. M. Rousseau,
Monadnock Bldg., S. F.
Contractor...The Turner Co., 278 Na-
tiona, San Francisco
Filed Jan. 23, '13. Dated Jan. 23, '13.
Completed and accepted.....\$1631.25
Usual 35 days.....543.75
TOTAL COST, \$2175.00
Bond, \$1087.50. Surety, The Aetna Ac-
cident & Liability Co. Limit, Feb. 8,
'13. Forfeit, none. Plans and speci-
fications filed.
- (240) S SAN JOSE AVE 75 N Tingley
25x120. All work except foundation,
concrete, gas fixtures, mantels, finish
hardware and window shades for one
story and basement frame cottage.
Owner.....E. and J. Toboni, 1645 San
Jose Ave., San Francisco.
Architect...None.
Contractor...T. Sciocchetti, 3315 Jen-
nings, San Francisco.
Filed Jan. 23, '13. Dated Jan. 22, '13.
Frame up.....\$433.75
Brown coated.....433.75
Completed and accepted.....433.75
Usual 35 days.....433.75
TOTAL COST, \$1735.00
Bond, none. Limit, 90 days after Jan.
25. Forfeit, none. Plans and speci-
fications filed.
- (241) W HYDE 62-6 N Jackson. Con-
crete foundation only.
Owner.....Theo. S. Hoin, 1568 Clay,
San Francisco.
Architect...Ross & Burgren, 310 Cali-
fornia, San Francisco.
Day's work. COST, \$500
- (242) NO. 1055 VALENCIA. Add and
alter laundry.
Owner.....Jean Labat, Premises.
Architect...None.
Contractor...Louis Metter, 157 Albion
Ave., San Francisco.
COST, \$1000
- (243) W WORTH 216 N 22nd. One
and one-half-story and basement
frame dwelling.
Owner.....A. Anderson, 4223 23rd,
San Francisco.
Architect...None.
Day's work. COST, \$1800
- (244) NO. 2125 GREENWICH. Under-
pin dwelling.
Owner.....Wm. Chorowski, 3209 Fill-
more, San Francisco.
Architect...None.
Contractor...B. Ratto & Co., 3125 Stei-
ner, San Francisco.
COST, \$350
- (245) NO. 1239 FORTY-SIXTH AVE
Add one room.
Owner.....R. Eastwood, Premises.
Architect...None.
- Contractor...R. Emory, 1359 16th Ave.,
San Francisco.
COST, \$400
- (246) NO. 327 KIRKHAM. One-story
and basement frame dwelling.
Owner.....S. Lowenberg, Premises.
Architect...None.
Day's work. Cost, \$700
- (247) NO. 1918 GREENWICH W of
Laguna. Removal and alterations to
two-story frame flat building and
construction of a three-story frame
buildings (flats).
Owner.....Adolph and Mathilda
Spandau, 1918 Greenwich,
San Francisco.
Architect...Wm. A. Newman, Hewes
Bldg., San Francisco.
Contractor...J. J. Harcom, 3628 Geary,
San Francisco
Filed Jan. 24, '13. Dated Jan. 4, '13.
Present building moved and com-
pleted and all foundation done
and frame of new building up
to 2nd floor and 1st and 2nd floor
joists in place.....\$1938.50
Outsides primed and 1st coat of
plaster on.....1938.50
Completed and accepted.....1938.50
Usual 35 days.....1938.50
TOTAL COST, \$7754.00
Bond, \$3877. Sureties, J. J. Harcom and
Edwin T. Peterson. Limit, April 2, '13
Forfeit, \$10. Plans and specifications
filed
- (248) W FOURTH AND JESSIE NW
75xSW 75 100 V 371. Excavating,
grading, bulkheading, shoring up,
pumping and drainage and back fill-
ing and removal of all earth for 8-
story Class "C" hotel and stores.
Owner.....Mary L. Phelan.
Architect...William Carlett & Son,
Phelan Bldg., S. F.
Contractor...P. Montague, 2887 Green,
San Francisco.
Filed Jan. 24, '13. Dated Jan. 23, '13.
1st and 15th of each month.... 75%
Usual 35 days.....25%
TOTAL COST, \$1375
Bond, \$700. Surety, The Aetna Accident
& Liability Co. Limit, 26 days from
recording. Forfeit, none. Plans and
specifications filed.
- (249) W PTN SAN MIGUEL ROAD at
int. of Corbett Road and Sloat Blvd.
Asphaltic concrete pavement for St.
Francis Wood consisting of 27,250
square yards.
Owner.....Westgate Park Co.
Engineer...Geo. B. Surgeon.
Contractor...Federal Const. Co., Mo-
nadnock Bldg., S. F.
Filed Jan. 24, '13. Dated Jan. 23, '13.
Payments in monthly install-
ments of.....75%
Usual 35 days.....25%
TOTAL COST, \$36,242
Bond, \$18,000. Surety, New England
Casualty Co. Limit, 90 days. Forfeit,
none. Plans and specifications filed.
- (250) ST. FRANCIS WOOD. North
entrance and posts at circle and
street intersections.
Owner.....Westgate Park Co.
Architect...John Galen Howard, 604
Mission, San Francisco.
Contractor...J. P. Lipp, 270 18th Ave.,
San Francisco.
Filed Jan. 24, '13. Dated Jan. 24, '13.
Payments in monthly installments
as work progresses.....75%
35 days after.....25%
TOTAL COST, \$2968
- Bond, \$1484 Surety, Massachusetts
Bonding & Insurance Co. Limit, 60
days. Forfeit, \$10. Plans and speci-
fications filed.
- (251) NO. 516 PACIFIC. New floor
Owner.....A. Heston, Premises.
Architect...None.
Contractor...George Nimmo, 634 Clay
San Francisco.
COST, \$40
- (252) NO. 3235 PINE. Remove shacks
concrete floor and new foundation.
Owner.....P. Vanelli, Premises.
Architect...None.
Contractor...D. Franchesconi 151 Pixley
San Francisco.
COST, \$600
- (253) S GILLMAN 125 E Jennings.
One-story and basement frame dwlg.
Owner.....Jim Nash, 1139 Gillman,
San Francisco.
Architect...None.
Day's work. COST, \$400
- (254) S GREENWICH 85 W Webster.
Raise dwelling, build new foundation
and alterations.
Owner.....Wm. Chorowski, 3209 Fill-
more, San Francisco.
Architect...None.
Contractor...B. Ratto, 3125 Steiner,
San Francisco.
COST, \$450
- (255) NO. 979 MARKET. Erect mar-
quise.
Owner.....Lesser Bros. Co., Premises.
Architect...None.
Contractor...Moise-Klinkner Elec. Co.,
1212 Market, San Francisco
COST, \$1850
- (256) W COLE 178 S Carmel. One and
one-half-story and basement frame
residence.
Owner.....A. R. Larson, 282 Dolores,
San Francisco.
Architect...None.
Day's work. COST, \$2000
- (257) E THIRTEENTH AVE 62-6 N
Anza. Two-story and basement frame
dwelling.
Owner.....Pockman Bldg. Co., Mills
Bldg., San Francisco.
Architect...Theo. S. Boehm, Hewes
Bldg., San Francisco.
Day's work. COST, \$4000
- (258) E THIRTEENTH AVE 37-6 N
Anza. Two-story and basement frame
dwelling.
Owner.....Pockman Bldg. Co., Mills
Bldg., San Francisco.
Architect...Theo. S. Boehm, Hewes
Bldg., San Francisco.
Day's work. COST, \$5000
- (259) E TWENTY-SEVENTH AVE 150
Taraval. Two-story and basement
frame dwelling.
Owner.....Paul Posch, 150 Corbett,
San Francisco.
Architect...Max Geist, 411 Lick Bldg.,
San Francisco.
Day's work. COST, \$1000
- (260) N TOWNSEND 80 W Stanford.
One-story galvanized iron factory
and warehouse.
Owner.....Clinton Pipeforming Co.,
211 Mutual Bk. Bldg., S. F.
Architect...R. V. Woods, 331 27th Ave.,
San Francisco.
Day's work. COST, \$5000

(261) N EIGHTEENTH 149-9 E Guerrero N 100x E 25. Carpenter, mill, lathing and plastering, concrete, plumbing, gas fitting, etc., for three-story and basement frame plaster construction (flats).

Owner.....A. F. and Alice M. Schupert, 1593 Post, S. F.
Architect.....John J. Foley, Monadnock Bldg., San Francisco.
Contractor.....John Burns, 2612 McAllister, San Francisco.

Filed Jan. 25, '13. Dated Jan. 21, '13.
Frame up and accepted by architect\$1705
Brown coated 1705
Completed and accepted..... 1705
Usual 35 days..... 1705
TOTAL COST, \$6820

Bond, none. Limit, 90 days. Forfeited, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Jan. 2, 1913—COMG 26-6% from intersection NW Market and Front r a 92-8 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to Pacific Fire Extinguisher Co., Dec. 31, '12
Jan. 2, 1913—SE BUSH AND GRANT Ave S 120 E 68-6 N 60 E 0-6 N 60 W 69. M Fleishacker to Joseph Pasqualetti (S F Concrete Co.).....Nov. 29, 1912
Jan. 2, 1913—N LOMBARD 110 W Fillmore W 51-6xN 90. G Palacin to Peter Hansen.....Dec. 31, 1912
Jan. 2, 1913—LOT 16 SUB W 1/2 O L Blk 295. Leonard T Pockman and Adolph Rosenshine to whom it may concern.....Dec. 30, 1912
Jan. 2, 1913—NW EDINBURGH 100 NE Persia Ave NE 25xNW 100. Joseph and Rose Varnl to Ward C Brown.....Dec. 28, 1912
Jan. 3, 1913—S OAK 238-6 W Franklin 45-10x120. Mary L Curley to Otto Carson Co.....Jan. 3, 1913
Jan. 3, 1913—W RHODE ISLAND 100 S 24th S 25xW 100. Owen J Gallagher to W H Morphy.....Dec. 27, 1912
Jan. 3, 1913—SE LONDON 150 NE France Ave NE 25xSE 100 Lot 3 Blk 10, Excel Hd. George Henry and Celestine Elizabeth Schlink to George Henry Schlink.....Dec. 31, 1912
Jan. 3, 1913—SW SIXTH 25 SE Mission SE 60xSW 75. Edw H Mitchell to Central Iron Works.....Jan. 2, 1913
Jan. 3, 1913—N PINE 119-2 W Stockton W 38-4xN 59-6. Albert J Atkins to Finn Anderson.....Jan. 2, 1913
Jan. 3, 1912—NE LOMBARD AND Jones. Giovanni Chlappe to whom it may concern.....Dec. 10, 1912
Jan. 3, 1913—SE FRONT AND WASHINGTON. Doyle Estate Co to Theo S Hohn.....Dec. 31, 1912
Jan. 4, 1913—NE HARRISON & 3RD N 85x E 139. George A Clough to J Wendering.....Jan. 3, 1913
Jan. 4, 1913—W DEVISADERO 100 N Filbert N 37-6xW 30. G K Easton and S F Wagner Easton to R S K MacMillen.....Dec. 31, 1912
Jan. 4, 1913—SE BUSH & GRANT AV S 120 E 68-6 N 60 E 6 N 60 W 69. M Fleishacker to John G Sutton Co.....Dec. 30, 1912
Jan. 4, 1913—LOTS 186 AND 188 Gift Map No. 2. Karl Eli Haglund to whom it may concern.....Jan. 4, 1913
Jan. 6, 1913—NW HOWARD 137-6 NE 13th NE 27-6 NW parallel with 13th 106-0% SE 27-5 SE parallel with 13th 104-10%. John Schwor-

msede to Adolph Henning and Gercke & Fellbach.....Jan. 3, 1913
Jan. 6, 1913—S PELLA PLACE 113-6 E Powell E 24xS 64. Mark Rendle King to whom it may concern.....Jan. 6, 1913
Jan. 6, 1913—E CASTRO 101-6 S Army S 25x E 118. A V Anderson to whom it may concern.....Jan. 4, 1913
Jan. 6, 1913—W FIFTEENTH AVE 225 S Lincoln Way S 100xW 127-6. Sunset Home Realty Co to Cox Bros.....Jan. 4, 1912
Jan. 6, 1913—N OAK 100 E Devilsadero 25x94. Glomco Baccioeco to John Ratto & Bros.....Dec. 30, 1912
Jan. 6, 1913—S TWENTY-SECOND 25 E Hampshire E 25xS 100. Annie Davies to whom it may concern.....Jan. 6, 1913
Jan. 6, 1913—NW MONROE & HUSH N 91-6 W 90 S 91-6 E 80. Edward Beck to Wm S Snook & Sons.....Jan. 2, 1913
Jan. 6, 1913—SE BUSH & MASON E 68xS 84. Howard B Land and Mary L Payne or Mary E Payne, Trs Est Chauncey B Land, dec'd and as Trustees Est Harriet Land, dec'd to L A Hinson.....Dec. 31, 1912
Jan. 7, 1913—OLIVE AVE NO. 633. Clara and Louis Plamondon to Leonard Salomon.....Dec. 20, 1912
Jan. 7, 1913—W FRONT 26-6% N Market — 92-8xW 137-6. A B Spreckels to Pacific Fire Extinguisher Co.....Jan. 7, 1913
Jan. 7, 1913—SE Market 150-1% NE Seventh SE 165-1xNE 75. Boston & S. F. Amusement Co (Lessee) to A G Dist, Dec. 30, '12; Mangrum & Otter, Jan. 4, 1913; Metropolitan Constr Co, Jan. 4, 1913; Mangrum & Otter.....Dec. 31, 1912
Jan. 7, 1913—NW MONROE & BUSH N 91-6xW 80. Edward Beck to Lennig Eng Co.....Jan. 4, 1913
Jan. 7, 1913—S CLAY 60 W Montgomery W 30xS 59-9. Lee Yum, Lee Yeung, Lee Poon and Chan May Choy to J A Hill.....Jan. 4, 1913
Jan. 7, 1913—S WASHINGTON 76-4 E Grant Ave 32-2xS 77-6. H R Whilliar to C D Rankin.....Jan. 6, 1913
Jan. 7, 1913—NE PACIFIC AVE AND Devilsadero. George A Pope to J H K efe & Co, Dec. 1, 1912; A J Forbes & Son.....Dec. 1, 1912
Jan. 7, 1913—SE CALIFORNIA AND Pierce. D Schroder to whom it may concern.....Jan. 2, 1913
Jan. 7, 1913—E DOLORES 53 S Liberty. Arthur V Weldon to Ludwig B G Koelng.....Dec. 14, 1912
Jan. 7, 1913—NE FIRST & FOLSOM E 87-6xN 61-6. John Campe to Robert Trost.....Jan. 4, 1913
Jan. 7, 1913—NW TWENTY-THIRD Ave and Clement W 30xN 100. J Mora Moss, gdn Est Alfred T Moss (insane) to whom it may concern.....Jan. 4, 1913
Jan. 8, 1913—S BLUXOME 100 W 5th W 80xS 250. Kasper Pischel to Charles Wright.....Jan. 2, 1913
Jan. 8, 1913—N JACKSON 66 E Battery E 71-6xN 91-8. Thomas McDonald to Lindgren Co.....Jan. 8, 1913
Jan. 8, 1913—NE SACRAMENTO AND Webster N 255-4 1/2 x 275. The Board of Trustees of The Leland Stanford University to W W Anderson & Co.....Jan. 2, 1913
Jan. 8, 1913—E THIRTY-SECOND Ave 125 N California 25x120. Anna M Hanlon to whom it may concern.....Jan. 4, 1913
Jan. 9, 1913—S CALIFORNIA 107-6 W

26th Ave 25x100. M R Colton to R A Crothers.....Jan. 9, 1913
Jan. 9, 1913—NE MONTGOMERY AND Post N 112-6 E 87-6 S 25 W 23 S 82-11 SW 7-10 W 53-11 1/2. Wells Fargo Nevada National Bank to Peerless Agencies Co.....Jan. 4, 1913
Jan. 9, 1913—NE MISSION & FOURTH N 80x E 80. P J Walker Co, agents for The Voorman Co to Dyer Bros Golden West Iron Wks.....Jan. 7, 1913
Jan. 9, 1913—NE GEARY & TAYLOR N 80x E 87-6. Emily W Benedict to Caldwell & Co, Lettich Bros, and H W Moffat & Co.....Jan. 9, 1913
Jan. 9, 1913—W PIERCE 25 S Chestnut S 25xW 110. G Pera to V Philipps.....Jan. 9, 1913
Jan. 9, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 N 25. Greninger Estate Co to Eureka Iron & Wire Wks.....Jan. 7, 1913
Jan. 10, 1913—NW TURK AND VOLK N 137-6xW 137-6. German House Association (cpn) to Ignaz and Joseph Berke (Berke Bros).....Jan. 7, 1913
Jan. 11, 1913—SW POWELL & SUTHER W 100 S 75 E 100-0% N 76-10. York Realty Co to Sibley Grading & Teaming Co.....Jan. 3, 1913
Jan. 11, 1913—NW VAN NESS AVE & Oak W 157-6 N 80 W 21 N 40 E 178-6 S 120. The Masonic Temple Association to H H Larsen & Bros.....Jan. 6, 1913
Jan. 11, 1913—W ANDOVER 62-6 N Highland Ave N 26-0% W 114-2 1/2 at an angle of 92.45 deg S 26 E 115-5 1/2. Fred and Pauline Igel to whom it may concern.....Jan. 2, 1913
Jan. 11, 1913—S MINNA 125 E 6th E 75xS 75. F H Mesow to whom it may concern.....Jan. 11, 1913
Jan. 13, 1913—SW FLORENCE AND Vallejo. Norman B Livermore to Marcus Marcussen.....Jan. 5, 1913
Jan. 13, 1913—E MARKET & SPEAR NE 45-10xSE 137-6. Christopher A Buckley to Symthe Bros; Kelleher Mitchell; Adams; Fuller, California Sheet Metal Works; Kerby & Hughes and J Chaban.....Jan. 13, 1913
Jan. 13, 1913—W FOURTEENTH AV 125 N Clement. Conservative Bldg & Investment to whom it may concern.....Jan. 11, 1913
Jan. 13, 1913—E FORTY-SECOND Ave 200 N Anza. Ethyl H Noble to whom it may concern.....Dec. 31, 1913
Jan. 14, 1913—NE CALIFORNIA AND Franklin E 135-3xN 137-6. First Church of Christ Scientist in S F to Chas Sparwasser, Jan. 5, '13; Hetty Bros.....Jan. 5, 1913
Jan. 14, 1913—COMG 26-6% FROM NW Market and Fruit r a 92-8 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to W P Fuller Co.....Jan. 14, 1913
Jan. 14, 1913—E EUREKA 75 S 17th 21-5x125. Theresa Pullen to E A F Carson.....Jan. 14, 1913
Jan. 14, 1913—COMG AT PT IN BLK 15 which pt is perpendicular distant 32-6 SW from SW Girard and perpendicular distant 300 NW fm NW Silliman SW 175 NW 75.734 m or 1 NE 175.21 m or 1 SE 84.246 m or 1. Homestead Realty Co to Wm H Grahn.....Jan. 11, 1913
Jan. 14, 1913—N BAY 57-6 W Leavenworth W 30xN 137-6. Pasquale Pensabene to A M Wallen.....Jan. 14, 1913
Jan. 14, 1913—SE COMMERCIAL & Front S 59-6x E 60. Elsie Drexler

by Macdonald & Kahn to Clinton Fireproofing Co. Jan. 14, 1913
 Jan. 14, 1913—NE FILBERT & JONES S 70x6 41-5. Maria Tampecke to S Montani & G Stefanili. Jan. 14, '13
 Jan. 14, 1913—NE FIRST 179-6 SE Folsom SE 55-6xNE 137-6. Eva L Kortick to whom it may concern. Jan. 9, 1913
 Jan. 14, 1913—S BROADWAY 120 E Montgomery E 34-6 S 57-6 W 17-6 S 20 W 57-6 r a 20 E 40 N 57-6. Teresa Chichizola to G Rossi. Jan. 13, 1913
 Jan. 15, 1913—S VALLEJO, bet Jones and Leavenworth; Nos. 1127-29-31. Mrs M Eltringham to Devencenzi Bros & Co. Jan. 11, 1913
 Jan. 15, 1913—N SUTTER 122-9 W Sansome W 122-3xN 137-6. Chas Holfbrook to Williams Bros & Henderson. Jan. 14, 1913
 Jan. 15, 1913—E THIRTEENTH AVE 237-6 N Balboa N 30x E 120. Jno F Witzel to Jno E Beck. Jan. 13, 1913
 Jan. 16, 1913—COMG. 26-6% N FROM NW Market and Front th 92-8 W 137-6 S 92-8 E 137-6. A B Spreckels to C J Hillard Co. Jan. 14, 1913
 Jan. 16, 1913—N REVERE AVE near Rankin. Raffaele Delprete to whom it may concern. Dec. 23, 1912
 Jan. 16, 1913—BLK DBED BY ARMY, Duncan, Valencia and San Jose Ave. Geo A Pope, Chairman St. Luke's Hospital to Geo MacGruer. Jan. 11, '13
 Jan. 17, 1913—S TURK 67-6 W Polk W 90 S 120 E 60 N 30 E 30 N 90. Hannah McClure to Howard S Williams. Jan. 15, 1913
 Jan. 17, 1913—SE UNION AND POLK E 75xS 50. Mrs L Monaco to Louis Metter. Jan. 14, 1913
 Jan. 17, 1913—S GENEVA AVE near SE Geneva Ave and Paris Lot 2 Bk 6. Crocker Amason Tct. Pasquale Morabito to E Swanson. Jan. 8, 1913
 Jan. 17, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Inv Co to Mealy & Collins. Jan. 16, 1913
 Jan. 17, 1913—NE OAK GROVE 125 SE Harrison SE 50xNE 112. The Marin County Milk Producers to whom it may concern. Dec. 23, 1912
 Jan. 17, 1913—SE MARKET 150-1 1/4 NE 7th SE 165-1 to a pt 150-1 1/4 NE 7th NE 75 NW 165-1 SW 75. Boston and S F Amusement Co to S F Cornice Co, Jan 15; Joseph Musto Sons-Keenan Co. Jan. 15, 1913
 Jan. 17, 1913—SE HOWARD 362-6 NE 4th NE 25xSE 50. Rousseau Realty Co to J Eric Johanson and Brandon & Lawson. Jan. 16, 1913
 Jan. 18, 1913—N PINE 119-2 W Stockton W 38-4xN 59-6. Albert J Atkins to Herman Lawson. Jan. 15, 1913
 Jan. 18, 1913—E DOUGLAS 85 N 22nd N 25x E 134-3. Emma Christy to Robert J McGahey Jr. Jan. 17, 1913
 Jan. 18, 1913—S JERSEY 294 W Dolores. C J Hillard to J Erick Johansen. Dec. 23, 1912
 Jan. 18, 1913—S JACKSON 87-4 E Steiner E 25xS 62-8 1/4. Frank R Grannis to whom it may concern. Jan. 17, 1913
 Jan. 18, 1913—NE CALIFORNIA AND Leidesdorf E 30xN 124. London. Liverpool & Globe Ins Co, Ltd to E M Huie & Co. Jan. 16, 1913
 Jan. 18, 1913—NW FILLMORE AND Pixley Ave N 24xW 100. J E Pier to Peterson & Persson. Jan. 13, 1913
 Jan. 20, 1913—NE MADRID 225 SW Russia Ave NW 25x100. Fred War-

den to whom it may concern. Jan. 20, 1913
 Jan. 20, 1913—NE EUREKA 110 N 22nd — 25x114-9. Fred Warden to whom it may concern. Jan. 20, 1913
 Jan. 20, 1913—S EDDY 177-5 W fm Intersection of Market, Powell, and Eddy S 127-9 1/4 th SW 28-0 1/4 N 144-2 1/4 E 22-9. J K Prior Estate to Martin M Fennell. Jan. 20, 1912
 Jan. 20, 1913—S FILBERT 112-6 E Leavenworth E 25xS 137-6. Andrew Penazzo to Antonio Ferreolo Co. Jan. 10, 1913
 Jan. 20, 1913—N PIXLEY AVE 168 E Fillmore E 27-6xN 120. Fortunato and Francesco Scatena to S Francesconi and G Ferroni. Jan. 18, 1913
 Jan. 20, 1913—NE BRODERICK AND Vallejo E 160 N 107-6 W 24-5 S 3-6 W 35-6 S 104. Annie T K Parker to Richard Rice. Jan. 15, 1913
 Jan. 21, 1913—SE MINNA 150' SW 6th 25x50. Joseph B and George J Ruegg to Ruegg Bros. Jan. 18, 1913
 Jan. 21, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 N 25. Greninger Estate Co to A H Wilhelm. Jan. 15; Frank J Kilmm. Jan. 13, 1913
 Jan. 21, 1913—S BLUXOMIE 100 W 5th W 80xS 250. Kaspar Pischel to Decker Elec Constr Co. Jan. 15, 1913
 Jan. 21, 1913—EDDY NO. 38. H J Kurz to Robert Trost. Jan. 21, 1913
 Jan. 22, 1913—NW VAN NESS AVE and Oak W 157-6 N 80 W 21 N 40 E 178-6 S 120. The Masonic Temple Association to J W Bender Roof & Paving Co. Jan. 17, 1913
 Jan. 22, 1913—NE GEARY & TAYLOR N 60x E 57-6. Emily W Benedict to Clinton Fireproofing Co. Jan. 21, 1913
 Jan. 22, 1913—S MARKET & BRADY SW 75xSD 124. The Sierra Invst Co to Western Iron Wks. Jan. 16, '13
 Jan. 23, 1913—W TWENTY-SECOND AVE 150 N Vicente N 30xW 120. Parkside Home Bldg Co to whom it may concern. Jan. 18, 1913
 Jan. 23, 1913—W TWENTY-FIRST AVE 33-4 S Taraval S 33-4xW 120. Parkside Home Bldg Co to whom it may concern. Jan. 23, 1913
 Jan. 23, 1913—W LEAVENWORTH 32-6 S Eddy S 25xW 87-6. Alice Sullivan and Sarah T O'Brien to Robt Trost. Jan. 23, 1913
 Jan. 23, 1913—E LARKIN 87-6 N Eddy N 25x87-6. Hulda E Floodberg to J E Scully. Jan. 14, 1913
 Jan. 23, 1913—E THIRD AVE 275 S Balboa. David Jacobl to T Sciocchetti Constr Co. Completed
 Jan. 23, 1913—E MASON 80 N Geary E 87-6xS 25. D S Dorn to E L Malsbury. Jan. 17, 1913
 Jan. 24, 1913—S CHESTNUT 112-6 E Jones E 25xS 75. Antonio Larocca and Pasquale Larocca to O Fraumeni. Jan. 24, 1913
 Jan. 24, 1913—W BANKS 100 S Tomkins Ave S 25x70. St. George Holden to whom it may concern. Jan. 23, 1913
 Jan. 24, 1913—SE MARKET 150-1 1/4 NE 7th SE 165-1 NW 75 NW 165-1 SW 75. Boston & S F Amusement Co (Lessee), to Neil A McLean. Jan. 14, 1913
 Jan. 24, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 N 25. Greninger Estate Co to John G Sutton Co. Jan. 22, 1913
 Jan. 24, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 W N line of 6th 25 to beg. Greninger Estate Co to Martin Peterson,

Jan. 22; Mangrum & Otter. Jan. 23, '13
 Jan. 24, 1913—W BANKS 75 S Tomkins Ave S 25x70. St. George Holden to whom it may concern. Jan. 23, 1913
 Jan. 24, 1913—NW GOLDEN GATE Ave and Jones N 137-6xW 137-6. W W Taylor Co to John T E Smyth. Jan. 22, 1913
 Jan. 24, 1913—LOT 79 Spring Valley Hd Assn. Edward M Hodgkinson to Edward M Hodgkinson. Jan. 23, '13

San Francisco.

Jan. 2, 1913—E COMMONWEALTH Ave 350 N Euclid Ave N 40 m or l x E 120. J N Enyeart vs Antolinetto Porter. \$189
 Jan. 3, 1913—S BEACH 68-9 E Larkin E 68-9xS 137-6. F Roladni vs P Arata. \$2295
 Jan. 4, 1913—SE JESSIE AND SW Annie SW 32-6 SE 40 NE 32-6 NW to beg. C Carnevali Marble & Mosaic Co vs Frederick Hess and Williams Bros & Henderson. \$370
 Jan. 8, 1913—W WEBSTER 75 N Sutter N 66-8xW 100. W J MacTavish vs El Dorado Bldg Co, Inc. W C Boswell and Mathilde Proppe. \$300
 Jan. 10, 1913—NE MISSISSIPPI AND Mariposa N 100x E 50. George H Tay Co vs Fred Atzeroth, Jacob Witzelburger & D R Campbell. \$71.21
 Jan. 10, 1913—NE SUTTER & GOUGH having frontage 125 on Sutter and 137-6 m or l running back to Palm Ave. No. 1482 Sutter. Sharman Kimball & Co vs Rosalie Roulet and John S King. \$697.84
 Jan. 13, 1913—NE SUTTER AND Gough 125x137-6. J John F Kling vs Rosalie Roulet. \$1255.29
 Jan. 9, 1913—S PACIFIC 111-6 W Montgomery W 26xS 167-6. Bay Counties Elec Constr Co vs J Michel. \$532.25
 Jan. 14, 1913—PIERCE NO. 3131. F L Loveland vs Chas and Jane Doe Miller. \$27
 Jan. 14, 1913—E FILLMORE 92 S Union S 28x E 87-6. F P McKeon and M Mack (McKeon & Jack) vs R B Reid. \$100
 Jan. 16, 1913—W TWENTY-THIRD AVE 175-6 N Judah N 37-6xW 120. Redwood Manufacturers Co vs E A Wiegand, D F Duffy and E J Welch. \$101.25
 Jan. 23, 1913—NW BARTLETT & 23rd W 25xN 80. G and M Sheet Metal Works vs John Doe Graff. \$25

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame, \$4,500. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, B. D. Phillips. The building will contain four three-room suites with bath. Interior finish will be of pine and redwood. Wall beds will be used throughout. Hot water heaters will be installed. The exterior of the building will be covered with shiplap. Plans are complete and figures are being taken.

BUNGALOWS—2, 1 story and base, frame, \$2,000 each. Oakland, Cal. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, C. M. MacGregor. Each of these dwellings has been designed to contain five rooms and bath. All interior finish will be of pine or redwood. Hardwood

floors will be used in the living and dining rooms. There will be large open fire places with attractive tile or brick mantels. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic. The plans are complete and work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George H. Richardson. This dwelling has been mentioned here before when plans were first started. The working drawings are now complete and figures will be called for shortly. Interior finish will be of pine, redwood and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath.

RESIDENCE—1½ story and base, frame, \$3,800. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, C. S. Cook. The dwelling will contain seven rooms and bath. Interior finish will be of pine, redwood and some hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. A contract has been awarded to F. A. Muller, and he is now taking subgroups on all parts of the work.

RESIDENCE—2 story and base, frame, \$3,200. Oakland, Cal. Architect, none. Owner, J. C. McQuillin, 2804 Stuart St., Berkeley. The house has been designed for a seven room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat. The sum of \$35 is allowed for a mantel and the same amount for finish hardware. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$1,000. Oakland, Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Richel. The house will contain four rooms and bath. All interior finish will be of pine or redwood. An open fire place with tile or brick mantel will be used in the living room. The exterior of the dwelling will be finished with rustic. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, John F. Haner, 3579 19th St., S. F. Owner's name withheld. The dwelling will be erected in Boulevard Park and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

RESIDENCE—2 story and base,

frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Allan & Glenday, 1621 Broadway, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, Lester B. Rieff, 1098 Grand Ave., Oakland. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior trim will be of pine and redwood. Oak floors will be used in three of the rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Allan & Glenday, 1621 Broadway, Oakland. The dwelling will contain six rooms, bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used throughout. A central heating system will be installed and large open fire places will be a feature of the main living room. Tile will be used in the bath and kitchen. Mantel will be of brick. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, D. L. Levy. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior will be covered with cement plaster. Plans are being prepared.

YACHT CLUB ALTERATIONS—Frame construction, \$3,000. Alameda, Alameda Co., Cal. Architects, William H. Crim, Jr., and Hamilton Murdoch, associated 425 Kearny St., S. F. Owners, Encinal Yacht Club. This work will include the construction of additional boat space on the first floor and a number of porches. The main assembly room will also be considerably enlarged. Trim throughout will be of pine. There will be new plastering, electric work, plumbing and painting. Plans are now out for figures.

BASEBALL BLEACHERS—Frame construction, \$150,000. Oakland, Cal. Architect, Walter J. Mathews, 927 Broadway, Oakland. Owners, Oakland Baseball Park Co. Plans are complete and now out for figures for a new baseball park in Oakland. The ground space to be covered by the bleachers is 192x76 feet. Bleachers will be 20 feet high. It is estimated that over 1,000,000 feet of lumber will be required.

HOSPITAL—Frame construction,

\$10,000. Oakland, Cal. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owners, Society for the Prevention of Cruelty to Animals. These buildings will be known as the Animal Home and will all be of frame construction. There will be a keeper's cottage, ambulance house, large barn with accommodations for eight head of horses, box stalls, wire runs for dogs and cats, large dog house and three corrals for horses and cows. Work will be started as soon as the weather permits. The work will be done by Day Labor.

SCHOOL—2 story and base, reinforced concrete, \$81,000. Oakland, Cal. Architect, City Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. This building will be erected on Grand street near Perry, and will contain 12 class rooms and an assembly hall. Construction will be of reinforced concrete throughout. Interior will be finished in pine. A central heating system will be installed. The exterior will be faced with cement plaster. Plans are complete and figures will be opened by the Board of Education on February 17th. The official proposal appears in another column of this issue.

SCHOOL—1 story and base, reinforced concrete, \$64,000. Oakland, Cal. Architect, City Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. The building will be known as the 54th Street School, and will be erected on 54th street near Market. There will be six class rooms, kindergarten, assembly hall, club room, and teachers' and principals' rooms. A central heating system will be installed. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be opened by the Board of Education on February 10th. Plans and specifications can be secured from the architect.

SCHOOL—1 story and base, reinforced concrete, \$65,000. Oakland, Cal. Architect, City Architect J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. Bids opened for the construction of the 13th Avenue School show McLaren & Peterson low at \$61,225. For a complete list of all figures presented see under Oakland and Alameda County in this issue.

Contracts Awarded.

FIRE HOUSE—1 story and base, frame, \$5,000. Oakland, Cal. Architect, City Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors Tisslau Bros., Oakland. Contract price, \$1,245. For a complete list of these figures see under Oakland and Alameda County in this issue.

HOTEL—7 story and base, brick and steel, \$80,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Engineer, W. W. Britte, Clunie Bldg., S. F. Owners, Durst Bros. Contractor, F. A. Muller. Contract price, \$80,000. Note: This building will cover an area of 10,000 feet.

HIGH LAND DEAL.

VREKA (Siskiyou Co.), January 22—Arthur L. Emory of Palo Alto and associates have purchased 1,080 acres of outcutter land lying about five miles north of Edgewood. They will establish a large stock ranch on the tract. The Orr Lake Lumber Company deeded 3,040 acres and William L. Hobbs 1,910 acres.

BUILDING AND INDUSTRIAL NEWS



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F. W. CRINNIDJ, Manager

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Bids Opened For
Oakland School.Thirteenth Avenue School Attracts
Large Number of Bidders. Mc-
Leran & Peterson Low.

Thirteen sets of figures were submitted on the construction of the Thirteenth Avenue School, a reinforced concrete structure which is to be erected in Oakland. Bids were opened at the Monday evening session of the Oakland Board of Education. McLeran & Peterson submitted the lowest figure at \$61,225 and will probably be awarded the contract. The following is a complete list of all figures opened.

General Construction 13th Ave. School.

O. B. Ackerman & Son.....	\$69,850
Christensen Bros.....	63,229
Van Sant-Ioughton Co.....	69,270
W. G. Thornally Jr.....	74,532
Moore & Burlingame.....	65,344
Thurston & Co.....	66,484
Ford & Kerr.....	62,987
Cornahan & Mulford.....	56,183
Stockholm & Allyn.....	72,777
Neilson & Bertelsen.....	77,800
McLeran & Peterson.....	61,225
Moson Bros.....	65,996
Wood & Kalin.....	66,210

Building Contracts Awarded.

Oakland.

100	Dum	.....	Swalley	3800
101	Neilon	.....	Neilon	1800
102	Settles	.....	8 tiles	1600
103	Settles	.....	Settles	601
104	Neary	.....	Neary	500
105	City of Okd.	.....	Lydeksen	410
106	Frankett	.....	Gallagher	1650
107	Neppach	.....	Bassett	600
108	Faling	.....	Laing	158
109	Denango	.....	Lee	1000
110	Sisson	.....	Sisson	760
111	Martin	.....	Martin	2000
112	Pfrang	.....	Pfrang	2500
113	Miller	.....	Thompson	400
114	M. Donald	.....	McCarthy	450
115	Foley	.....	Dingwell	500
116	Collins	.....	Burnett	3375
117	Baum	.....	Swalley	3800
118	Paul H. Hiss	.....	Kaufman	2292
119	Blackman	.....	Miller	1000
120	Johnson	.....	Johnson	1500
121	O. K. White Star	.....	Brown	450

169	Dullem	.....	Dullem	400
170	Howe	.....	Haskell	1668
171	Englehardt	.....	Nichols	500
172	Sinclair	.....	Sinclair	2500
173	Schuyler	.....	Inter-Cities	2250
174	Arnold	.....	Wood	1500
175	Liesz	.....	Belgham	6577
176	Kan	.....	Burnett	6600
177	Dre Co Animals	.....	Owner	1000
178	Same	.....	Same	600
179	Same	.....	Same	1800
180	Same	.....	Same	1500
181	MacGregor	.....	Owner	2000
182	Same	.....	Mulford	15798
183	Neppach	.....	Schmidt	500
184	Nielsen	.....	Kulchar	450
185	Herg	.....	Malick	750
186	Schuman	.....	Malick	400
187	Saragoza	.....	Rieff	4000
188	Rien	.....	Rieff	4000
189	Kahn	.....	McGuigan	1783
190	Stout	.....	Nichols	3200

(141) W WESLEY AVE 100 N Lake
Park Ave. Oakland. Two-story 8-
room dwelling.

Owner.....Mrs. R. W. Baum.

Architect.....W. H. Ratcliff Jr., First

National Bank Bldg., Bkly.

Contractor.....H. M. Swalley, 5442 Shafter

Ave., Oakland.

COST, \$5800

(142) N FIFTY-EIGHTH 90 E Genoa,
Oakland. One-story 5-room dwelling.

Owner.....E. N. Nelson, 945 57th, Okd.

Architect.....None.

Day's work.

COST, \$1800

(143) N BROOKDALE AVE 50 E Lilac
Oakland. One-story 5-room dwlg.

Owner.....J. E. Settles, 1544 Broad-

way, Oakland.

Architect.....Ivan C. Satterlee, 470 13th,

Oakland.

Day's work.

COST, \$1600

(144) W BROOKDALE AVE 170 E Lilac
Oakland. One-story 5-room dwelling.

Owner.....J. E. Sattles, 1544 Broad-

way, Oakland.

Architect.....Ivan C. Satterlee, 470 13th,

Oakland.

Day's work.

COST, \$1600

(145) N FORTY-THIRD 33 E West,
Oakland. One-story 5-room dwlg.

Owner.....Wm. F. Neary, 1512 Broad-

way, Oakland.

Architect.....None.

Day's work.

COST, \$2500

(146) N E-FIFTEENTH 250 W 23rd
Ave., Oakland. One-story 1-room
bail.

Owner.....City of Oakland.

Architect.....None.

Contractor.....Geo. Lydeksen, 1616 28th

Ave., Oakland.

COST, \$440

(147) NO. 531 THIRTY-FIRST, Oak-
land. Alterations to two-story dwlg.

Owner.....Susie M. Brackett.

Architect.....Thomas & Oliver, Pantages

Theatre Bldg, Oakland.

Contractor.....Gallagher & Motts, 392

Hawthorne Ave., Oakland.

Filed Jan. 20, '13. Dated Jan. 20, '13

Frame up..... 1/4

1st coat plaster on..... 1/4

Completed..... 1/4

30 days..... 1/4

TOTAL COST, \$1650

Bond, none Limit, 40 days. Forfeit,

none. Plans and specifications filed.

(149) NE PERALTA and BOULE-
vard Aves., Oakland. Alterations.

Owner.....Katz & Neppach, Peralta

Ave near Lynn, Oakland.

Architect.....None.

Contractor.....E. D. Bassett, 804 Fruit-
vale Ave., Oakland.

COST, \$600

(150) NE MELROSE AND FORTY-
fifth Aves., Oakland. One-story five-
room dwelling.

Owner.....J. A. Laing, 4506 Melrose

Ave., Oakland.

Architect.....None.

Contractor.....P. M. Laing, 4506 Melrose

Ave., Oakland.

COST, \$1558

(151) NO. 461 MARKET, Oakland.
Alterations.

Owner.....P. Demingo, 1015 5th. Okd.

Architect.....None.

Contractor.....W. A. Lee, 547 Filbert,

Oakland.

COST, \$700

(152) NW CENTRAL AND WENT-
worth, Oakland. One-story five-room
dwelling.

Owner.....H. L. Sisson, 2641 Bartlett,

Oakland.

Architect.....None.

Day's work.

COST, \$1600

(153) S YGNACIO 88 1/2 E 51st Ave.,
Oakland. One-story 5-room dwlg.

Owner.....G. C. Martin, 1764 Broad-

way, Oakland.

Architect.....None.

Day's work.

COST, \$2000

(154) S FIFTY-FIFTH 100 E Grove,
Oakland. One-story five-room dwlg.

Owner.....H. C. Pfrang, 5359 Shafter

Ave., Oakland.

Architect.....None.

Day's work.

COST, \$2500

(155) COR. TWENTIETH AND SAN
Pablo Ave., Oakland. Alterations.

Owner.....G. Milich, Arcade Restau-

rant, Oakland.

Architect.....None.

Contractor.....Alex Thompson, 2766 Grove

Oakland.

COST, \$400

(156) NO. 1733 BROADWAY, Oakland
Alterations.

Owner.....J. A. McDonald, Premises.

Architect.....None.

Contractor.....W. McCarty, 1922 Tele-

graph Ave., Oakland.

COST, \$450

(157) N TWENTIETH 100 W Brush,
Oakland. Alterations.

Owner.....M. Foley, San Francisco.

Architect.....None.

Contractor.....J. H. Dingwell, 2006 West,

Oakland.

COST, \$300

(158) E TERRACE, bet Ridgeway and
Mather, Oakland. Two-story 6-room
dwelling.

Owner.....Maurice J. Collins, 1429

Broadway, Oakland.

Architect.....None.

Contractor.....F. L. Burnett, 715 Alleen,

Oakland.

COST, \$3375

(159) LOT 34 SHORE PARK HEIGHTS
Oakland. All work for two-story and
basement dwelling.

Owner.....Mrs. R. W. Baum, Oakland

Architect.....W. H. Ratcliff Jr, 1st Na-

tional Bank Bldg., Bkly.

Contractor.....H. W. Swalley, 5442 Shafter

Ave., Oakland.

Filed Jan. 21, '13. Dated Jan. 14, '13

Frame up and boarded..... 1/4

- Rough plastered ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$5800
- Bond, \$2900 Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeited, \$5. Plans and specifications filed.
- (161) BDED BY PPTY C P R R CO., Market Street, Market Street extending S; Castro extending S and ppty City of Oakland. All work for cement and steel frame pump house.
Owner.....Pacific Gas & Electric Co.
Architect...None.
Contractor..Kaufman & Edwards, MacGregor Bldg., S. F.
Filed Jan. 21, '13. Dated Jan. 13, '13.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, \$2293
- Bond, \$1150 Surety, Pacific Coast Casualty Co. Limit, 35 days. Forfeited, none. Plans and specifications filed.
- (166) NO. 4145 E-FOURTEENTH, Oakland. Alter fraternal hall into apartments.
Owner.....E. L. Blackman, 4159 E-14th, Oakland.
Architect...C. H. E. Blackman, 458 35th, Oakland.
Contractor..R. J. Miller, 4137 E-17th, Oakland. COST, \$1000
- (167) W CAMPBELL 75 S 16th, Oakland. One and one-half-story 5-room dwelling.
Owner.....Mrs. G. Jonson, 1521 Campbell, Oakland.
Architect...None.
Day's work. COST, \$1500
- (168) E DIAMOND 200 S 40th, Oakland.tion.
Owner.....Oakland White Star Laundry, 1471 Broadway, Okd.
Architect...None.
Contractor..O. N. Brown. COST, \$450
- (169) NO. 1630 THIRTY-FIFTH AVE., Oakland. Addition and repairs.
Owner.....Mrs. H. N. Duhem, Prem.
Architect...None.
Day's work. COST, \$400
- (173) LOT 28 BLK "M" Map Fourth Ave Terrace, Oakland. All work except plumbing, painting, finish hardware, fixtures and hardwood floors for one-story building.
Owner.....Frank C. Howe, 418 13th, Oakland.
Architect...Ivan C. Satterlee, 270 13th, Oakland.
Contractor..Albert A. Haskell, 3122 Magnolia, Oakland.
Filed Jan. 22, '13. Dated Jan. 22, '13.
Frame up and roof sheathed.....\$312.75
Plaster completed 312.75
Carpenter work completed, except putting on finish hardware 312.75
Completed 312.75
Usual 35 days..... 417.30
TOTAL COST, \$1668.30
- Bond, \$831.15. Sureties, H. N. Taylor and David McCarron. Limit, 60 days. Forfeited, none. Plans and specifications filed
- (175) SW BAYO VISTA & ELDORADO Aves, Oakland. Garage.
Owner.....E. N. Englehardt, 647 Eldorado Ave., Oakland.
Architect...None.
- Contractor..Leo. L. Nichols, MacDonough Bldg., Oakland.
COST, \$500
- (176) S FIFTY-NINTH 441 E Claremont, Oakland. Two-story 6-room dwelling.
Owner.....C. E. Sinclair Bldg. Co., Rm 72 Delger Bldg., Oakland.
Architect...None.
Day's work. COST, \$2500
- (177) NW MENA AVE AND DALE PL, Oakland. One-story five-room dwlg.
Owner.....G. Schuyler, 2327 25th Ave. Oakland.
Architect...None.
Contractor..Inter-Cities Home Builders, Bacon Bldg., Okd.
COST, \$2250
- (178) S FOOTHILL BLVD 124 E Trash Ave., Oakland. One-story one-room garage.
Owner.....F. N. Arnold, 5501 Foothill Blvd., Oakland.
Architect...None.
Contractor..H. L. Wood, 2300 Seminary Ave., Oakland. COST, \$1500
- (180) W WEBSTER 50 N Fourth N 50xW 75, Oakland. All work for two-story brick store and loft bldg.
Owner.....G. W. Liesz, 378 12th, Okd.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor..H. B. Brigham, 480 Perkins Oakland.
Filed Jan. 23, '13. Dated Jan. 7, '13.
1st story walls completed and steel delivered\$1600
Brick work, roof and skylights completed 1600
Completed and accepted..... 1700
Usual 35 days..... 1677
TOTAL COST, \$6577
- Bond, none. Limit, Feb. 28, '13. Forfeited, \$25. Plans and specifications filed.
- (181) PTN LOT 19, Piedmont Springs Tract, Piedmont. All work for one-story frame dwelling and garage.
Owner.....Irving H. Kahn, 12th and Washington, Oakland.
Architect...C. C. W. Dickey, Central Bank Bldg., Oakland.
Contractor..Bruce B. Burnett, 558 27th, Oakland.
Filed Jan. 23, '13. Dated Jan. 23, '13.
Frame up 25%
Ready for lath and plaster..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$6600
- Bond, none. Limit, 90 days. Forfeited, none. Plans and specifications filed.
- (182) E KENNEDY 150 N Ford, Oakland. One-story dog house.
Owner.....Alameda Co. Society Prevention Cruelty to Animals
Architect...None.
Day's work. COST, \$1000
- (183) NE FORD AND KENNEDY, Oakland. One-story ambulance house
Owner.....Alameda Co. Society Prevention Cruelty to Animals
Architect...None.
Day's work. COST, \$600
- (184) N FORD 70 E KENNEDY, Oakland. One-story 7-room dwelling and office.
Owner.....Alameda Co. Society Prevention Cruelty to Animals
Architect...None.
Day's work. COST, \$1800
- (185) E KENNEDY 66 N Ford, Oakland. Two-story barn.
Owner.....Alameda Co. Society Prevention Cruelty to Animals
Architect...C. H. Miller, Foxcroft Bldg San Francisco.
Day's work. COST, \$1500
- (186) N ALCATRAZ AVE 100 E Telegraph Ave., Oakland. One-story five-room dwelling.
Owner.....C. M. MacGregor, 470 13th, Oakland.
Architect...None.
Day's work. COST, \$2000
- (187) N MOSS AVE 100 E Leighton, Oakland. One-story five-room dwlg.
Owner.....C. M. MacGregor, 470 13th, Oakland.
Architect...None.
Day's work. COST, \$2000
- (189) S FOURTH 75 W Webster W 50 S 100 E 15 S 100 E 35 N 200, Oakland. All work for three-story brick store and loft building.
Owner.....Stephen A. Neppach and Lambert Kratz, 2856 Peralta Ave., Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor..Carnahan & Mulford, 45 Kearny, San Francisco.
Filed Jan. 24, '13. Dated Jan. 21, '13.
2nd floor joists in position.....\$1000
3rd floor joists in position and 2nd story brick walls built..... 2500
Roof and skylights completed. 2500
Completed and accepted..... 2798
Usual 35 days..... 4000
TOTAL COST, \$15,798
- Bond, none. Limit, April 30. Forfeited, none. Plans and specifications filed.
- (191) NO. 2232 NINETEENTH AVE, Oakland. One-story 1-room addition
Owner.....P. Nielsen, Premises.
Architect...None.
Contractor..B. H. Schmidt, 2237 E-19th, Oakland. COST, \$500
- (192) NO. 1631 SAN PABLO AVE., Oakland. Alterations.
Owner.....Berg Millinery, 531 12th, Oakland.
Architect...None.
Contractor..S. Kulchar & Co., 518 4th, Oakland. COST, \$150
- (193) NO. 1248 EIGHTY-THIRD AVE., Oakland. Additions.
Owner.....Mrs. A. Schuman, Premises.
Architect...None.
Contractor..Mallick & Rogier, 2000 90th Ave., Oakland. COST, \$750
- (194) W FRANKLIN AVE 850 N Kanning, Oakland. One-story 6-room temporary dwelling.
Owner.....Mrs. Florence Saragoza.
Architect...None.
Contractor..Fred Linde. COST, \$400
- (195) W CROFTON AVE 60 S Boulevard Ave., Piedmont. Two-story frame dwelling.
Owner.....Lester B. Rieff, 1098 Strand Ave., Piedmont.
Architect...None.
Day's work. COST, \$4000
- (201) W TELEGRAPH AVE 100 S 16th S 130 NW 103.95 SW 102.44 N 130 NE 90 NW 5.72 NE 112.89 SE 74 SW 100 SE 100, Oakland. Vault lights for

Four City Class "A" Department
Owner Kahn Realty Co., 12th and Washington, Oakland.
Architect C. W. Dickey, Central Bk Bldg., Oakland.
Contractor John McGuigan & Co., 280 7th, San Francisco.
 Filed Jan. 25 '13. Dated Jan. 24 '13.
 1st and 15th of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$1785
 Bond, \$893. Surety, Pacific Coast Casualty Co. Limit, as soon as possible forfeit, none. Plans and specifications filed.

(202) W THIRTEENTH AVE 200 N Wellington, being Lot 6 Blk "E" Map Fourth Ave Terrace, Oakland. All work for two-story and basement frame dwelling.

Owner.....Alice M. Stout, 18th and Chestnut, Oakland.
Architect.....None.
Contractor.....G. Ellis Nichols, 1462 Broadway, Oakland.

Filed Jan. 22 '13. Dated Jan. 21 '13.
 Owner shall pay for materials and labor when payment becomes due.....

TOTAL COST, \$3200
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE—Contractor to receive 10% of contract price.

Building Contracts Awarded.

Berkeley.

133	Marsh	.....Franklin	800
146	Irwin	.....Irwin	500
148	Gow	.....Olsen	1234
160	White	.....Whidden	3275
170	Wright	.....Gallagher	500
171	Nicholson	.....Nyman	100
172	Kidder	.....McCullough	4000
174	Tepera	.....Specht	500
179	Stand H Bldrs.	.....Kollmer	4506
188	Gardner	.....Patrick	7365
190	Moore	.....Smith	2500

(133) E ROOSEVELT 150 N Channing Way, Berkeley. One-story 3-room addition.

Owner.....Charlie Marsh, 2335 Roosevelt Ave., Berkeley.
Architect.....None.
Contractor.....John Franklin, 2324 Roosevelt Ave., Berkeley.

COST, \$800

(140) W ADELIN 150 N Alcatraz, Berkeley. Alterations.

Owner.....H. D. Irwin, 3264 Adeline, Berkeley.
Architect.....None.
Day's work.....

COST, \$500

(118) NW LE ROY & RIDGE ROAD, (near Glen Garry Apartment), Berkeley. All work for one-story frame garage.

Owner.....J. George Gow, 1619 Walnut, Berkeley.
Architect.....W. H. Rattelf Jr., First National Bank Bldg., Bkly.

Contractor.....Alfred Olsen, 1116 Myrtle, Oakland.

Filed Jan. 21 '13. Dated Jan. 20 '13.
 Frame up and roof boarding on..... ¼
 Finish coat plaster on..... ¼
 Completed and accepted..... ¼
 Usual 35 days..... ¼

TOTAL COST, \$1234

Bond, none. Limit, 35 days. Forfeit, \$5. Plans and specifications filed.

(160) LOT 16 BLK 1, Northbrae, Berkeley. All work for one-story frame dwelling.

Owner.....Ralph A. White, Y. M. C. A Bldg., Berkeley.

Architect.....Julia Morgan, Merchants' Exchange Bldg., S. F.

Contractor.....G. R. Whidden, 505 Chicago Ave., Berkeley.

Filed Jan. 21 '13. Dated Dec. 21 '12.
 Frame up, boarded in, chimneys up and rough plumbing in..... ¼
 Outside shingled, and 1st coat plaster on..... ¼
 Completed and accepted..... ¼
 Usual 35 days..... ¼

TOTAL COST, \$3275

Bond, \$1650. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(170) SE CENTER AND SHATTUCK Ave., Berkeley. Alterations.

Owner.....Mrs. Wright, 1521 Madison, Oakland.
Architect.....None.
Contractor.....Gallagher & Motts, 392 Hawthorne Ave., Oakland.

COST, \$500

(171) E NINTH 134 N Delaware, Berkeley. One-story 5-room dwelling.

Owner.....Chris Nicholson, 1737 9th, Berkeley.
Architect.....None.
Contractor.....C. Nyman, 1737 9th, Bkly.

COST, \$1000

(172) W REGENT AND RUSSELL, Berkeley. Two-story 10-room frame flat building.

Owner.....Misses Louise and Zina Kidder, Berkeley.
Architect.....None.
Contractor.....Kidder & McCullough, 2075 Addison, Berkeley.

COST, \$4000

(174) N ALSTON WAY 200 W Sixth, Berkeley. Add one-story 3-rooms.

Owner.....Frank Teixeira, 809 Alston Way, Berkeley.
Architect.....None.
Contractor.....C. Specht, 2129 6th, Bkly.

COST, \$500

(179) E LOS ANGELES & OXFORD 135 W Spruce, Berkeley. Two-story seven-room dwelling.

Owner.....Standard Home Bldrs. & Realty Company.
Architect.....None.
Contractor.....Jacob Kollmer, 2811 Stuart Berkeley.

COST, \$4500

(188) Lot 18 BLK "F" Northbrae Terrace, Berkeley. All work for two-story and basement nine-room dwlg.

Owner.....J. E. Gardner, Berkeley.
Architect.....John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor.....Patrick-Nelson Bldg. Co., 2025 Addison, Berkeley.

Filed Jan. 24 '13. Dated Jan. 6 '13.
 Frame up..... ¼
 Brown coated..... ¼
 Accepted..... ¼
 Usual 35 days..... ¼

TOTAL COST, \$7365

Bond, \$6500. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(190) W EDWARDS 150 S Channing Way, Berkeley. One and one-half-story 6-room dwelling.

Owner.....Mrs. E. Moore, 1710 Jaynes, Berkeley.
Architect.....None.

Contractor.....H. C. Smith, 2011 Francisco, Berkeley.
COST, \$250

Building Contracts Awarded.

Alameda.

162	Hillen	.....Hillen	200
163	Hillen	.....Hillen	200
164	Pond	.....Mehrtens	155
165	Hillen	.....Hillen	200
196	Strang	.....Strang	160
197	Same	.....Same	200
198	Riechel	.....Sath	190
199	Le Boyd	.....Le Boyd	200
200	Le Boyd	.....Le Boyd	170
203	Neal	.....Johns-Manville	38
204	Same	.....Peterson	55
205	Same	.....Van Emon	44
206	Same	.....Hackett	53
207	Same	.....Strom	18
208	Same	.....Watson	220
209	Same	.....Ingerson	1900

(162) NO. 430 HAIGHT AVE., Alameda. One-story dwelling.

Owner.....R. C. Hillen, Farnside and Liberty Ave., Alameda.
Architect.....None.
Day's work.....

COST, \$2000

(163) NO. 1539 SANTA CLARA AVE., Alameda. One-story dwelling.

Owner.....R. C. Hillen, Farnside and Liberty Ave., Alameda.
Architect.....None.
Day's work.....

COST, \$2000

(164) NO. 1718 WOOD, Alameda. One-story dwelling.

Owner.....C. P. Pond, 1210 Grand, Alameda.
Architect.....None.
Contractor.....H. G. Mehrrens, 1600 Webster, Alameda.

COST, \$1550

(165) NO. 876 HAIGHT AVE., Alameda. One-story dwelling.

Owner.....R. C. Hillen, Farnside and Liberty Ave., Alameda.
Architect.....None.
Day's work.....

COST, \$2000

(196) NO. 1315 BURBANK, Alameda. One-story dwelling.

Owner.....V. N. Strang, 2015 13th Ave., Oakland.
Architect.....None.
Day's work.....

COST, \$1600

(197) NO. 817 PORTOLA AVE., Alameda. One-story dwelling.

Owner.....V. N. Strang, 1315 Burbank Alameda.
Architect.....None.
Day's work.....

COST, \$2000

(198) NO. 2501 CLEMENT AVE., Alameda. One-story dwelling.

Owner.....Olaf Riechel, 839 Oak, Ala.
Architect.....None.
Contractor.....John Sath, 2909 Madison, Alameda.

COST, \$1900

(199) NO. 1506 FOUNTAIN, Alameda. One-story dwelling.

Owner.....W. G. Le Boyd, 1340 Broadway, Alameda.
Architect.....None.
Day's work.....

COST, \$2000

(200) NO. 507 CENTRAL AVE., Alameda. One-story dwelling.

Owner.....W. G. Le Boyd, 1340 Broadway, Oakland.
Architect.....None.
Day's work.....

COST, \$1700

(203) E PARK 192.85 N Central Ave N 75.08 E 80 N 25 E 60 S 100.08 W 140, Alameda. Roofing and flashing for one-story Class "A" brick store building.

Owner.....Mrs. Annie L. Neal, Ala. Architect...Henry H. Meyers, Kohl Bldg., San Francisco.

Contractor...H. W. Johns-Manville Co., 157 New Montgomery, S. F. Filed Jan. 25, '13. Dated Jan. 21, '13.

Completed and accepted.....\$286.00
36 days after..... 95.50
TOTAL COST, \$382.00

Bond, none. Limit, 10 days. Forfeit, \$15. Plans and specifications filed.

(204) PAINTING, STAINING, VARNISHING, GINTING, whitewashing on above.

Contractor..Martin Peterson, 215 29th, San Francisco.

Filed Jan. 25, '13. Dated Jan. 21, '13. One-half done\$200
Completed and accepted..... 210
36 days after..... 140

TOTAL COST, \$550

Bond, none. Limit, 15 days. Forfeit, \$15. Plans and specifications filed.

(205) RAM ELEVATOR, AUTOMATIC gates, etc., on above.

Contractor...B. C. Van Emon, 235 First, San Francisco.

Filed Jan. 25, '13. Dated Jan. 21, '13. Completed and accepted.....\$333
36 days after..... 112

TOTAL COST, \$445

Bond, none. Limit, 60 days. Forfeit, \$15. Plans and specifications filed.

(206) PLUMBING, DRAINS, WATER piping, gas piping street services on above.

Contractor..Frank H. Hackett, 1216 Santa Clara Ave., Alameda.

Filed Jan. 25, '13. Dated Jan. 21, '13. Rough piping in and inspector's certificate received.....\$195
Completed and accepted..... 200
36 days after..... 135

TOTAL COST, \$530

Bond, none. Limit, 75 days. Forfeit, \$15. Plans and specifications filed.

(207) ELECTRIC WIRING, SWITCHES distributing boards on above.

Contractor..Carl Strom, 1507 Park St., Alameda.

Filed Jan. 25, '13. Dated Jan. 21, '13. Completed and accepted.....\$140.50
36 days after..... 48.00

TOTAL COST, \$188.50

Bond, none. Limit, 75 days. Forfeit, \$15. Plans and specifications filed.

(208) MARBLE WORK, TILING mosaic on above.

Contractor..Charles S. Watson, 457 Market, San Francisco.

Filed Jan. 25, '13. Dated Jan. 21, '13. Tile work in market completed.....\$872
Tile work in creamery completed 831
Completed and accepted..... 500
36 days after..... 735

TOTAL COST, \$2938

Bond, \$1469. Surety, Fidelity & Deposit Co. of Maryland. Limit, 60 days.

Forfeit, \$15. Plans and specifications filed.

(209) EXCAVATING, CONCRETE work, brick work, iron and steel, carpenter, mill, glass, glazing, stair, store fronts, hardware, kinnear door, lathing and plastering, dampproofing, galvanized iron work, skylights and other work on above.

Contractor...C. A. Ingerson, 288 Lester Ave., Oakland.

Filed Jan. 25, '13. Dated Jan. 21, '13. Brick wall 10 ft above sidewalk.....\$2025
Brick work completed and interior partition ready for plaster 2025

Concrete work, sheet metal and plaster completed 2025
Completed and accepted..... 2025
36 days after..... 2800

TOTAL COST, \$10,900

Bond, \$5450. Surety, Pacific Coast Casualty Co. Limit, 75 days. Forfeit, \$15. Plans and specifications filed.

COMPLETION NOTICES.

Alameda.

Jan. 15, 1913—LOT 5 BLK 7 Berkeley Heights, Bkly. G W Davis and Roy O Long to McChesney & Folwick.....Dec. 24, 1912

Jan. 15, 1913—W MARKET 276.08 S First S 200xW 250, Okd. Pacific Gas & Elec. Co. to H J Horst. Jan. 9, 1913

Jan. 15, 1913—LOT 116 Piedmont-by-the-Lake Tract, Okd. John and Clara M Kearns to Jacob House.....Jan. 3, 1913

Jan. 15, 1913—N THIRD (or Lawton) Ave 741.37 E College Ave N 63 deg 53 min E 42.5 N 26 deg 07 min W 100, Okd. H M Swalley to whom it may concern.....Jan. 14, 1913

Jan. 16, 1913—LOT 26 BLK 9 Map Northbrae, Bkly. George G Hard to Moore & Burlingame.....Jan. 6, 1913

Jan. 16, 1913—LOT 42 BLK "H" Map 4th Ave Terrace, Okd. Robert L Hatcher and Alex A Perry to Anderson Bros.....Jan. 15, 1913

Jan. 17, 1913—LOTS 3, 4, 5 AND 6 Ptn Map Mulrooney vs Glaze. Okd. Fred Finch Orphanage to W S Snook & Son.....Jan. 17, 1913

Jan. 16, 1913—W NELSON 159.27 S Sonoma Ave S 35xW 100, Albany. H P Nelson to whom it may concern.....Jan. 14, 1913

Jan. 16, 1913—LOT 35 and part Lot 36 lying W line parallel to w bndry line Lot 36 distant at r a 35 E Map Crocker Highlands, Oakland Tp. F T Eley to A Peterson and J Anderson.....Jan. 13, 1913

Jan. 17, 1913—LOT 15 Map Piedmont Spring Tract, Oakland Tp. C A Chickering to R L Turner.....Jan. 15, '13

Jan. 17, 1913—NW JAYNE AVE 195.70 SW Euclid Ave SW 37 NW 125, Okd. Louis Johnson to whom it may concern.....Jan. 16, 1913

Jan. 17, 1913—LOT 29 BLK "N" Map 4th Ave Terrace, Okd. Piedmont Heights Bldg Co to John H Fluth and Mathew Morton.....Jan. 16, 1913

Jan. 18, 1913—LOT 18 and E 6 ft. 8 in. Lot 17 Bk "R" Map showing rebus division of ptn Roberts & Wolfskill Tract, Oakland Tp. Okd. Henry Kroeger to whom it may concern.....Jan. 18, 1913

Jan. 18, 1913—S SANTA CLARA AVE 27 ft. 5 in. W Park Ave W 53 S 130. Alta California Amusement Co to W L Boldt.....Jan. 19, 1913

Jan. 21, 1913—N 40 LOT 18 S 5 Lot 19 Alta Piedmont Tract, Oakland Tp. David E Perkins to Cederberg & Anderson.....Dec. 1, 1912

Jan. 21, 1913—NW THIRTEENTH AV 530 SW Brighton Ave SW 40xNW 105, Okd. John T Dispaux to W A Farris.....Jan. 14, 1913

Jan. 21, 1913—NW ELEVENTH AVE 80 SW E-20th SW 30 NW 110, Okd.

Jeremiah and Agnes Healy to whom it may concern.....Oct. 23, 1912
Jan. 21, 1913—PART LOT 33 BLK 16, Map Boulevard Park, Brooklyn Tp. Okd. Claude Scheelk to whom it may concern.....

Jan. 21, 1913—NE THIRTEENTH & Harrison N 200x E 300, Okd. P J Walker (agent for Oakland Hotel Co) to Cyclops Iron Works, Jan. 15, '13; Wm S Snook & Sons, Dec. 15, '12; Pacific Fire Extinguisher Co.Dec. 15, 1912

Jan. 22, 1913—LOT 1 BLK 7, Fairview Park; NE Cor. Woolsey and Bate-man, Bkly. Charles H Thomas to Jacob Koilmer.....Jan. 18, 1913

Jan. 22, 1913—LOT 8 BLK 16, Thousand Oaks, Bkly. R L Randolph to F R Peake.....Jan. 21, 1913

Jan. 23, 1913—E SPAULDING 231 N Dwight Way 36x129, Peake-Munro Co to J A Pinkerton.....Jan. 16, 1913

Jan. 23, 1913—LOT 20 and S 1/2 Lot 19 Blk 17, Regents Park No. 4, Albany. C C Coffman to L G Brown.....

Jan. 23, 1913—LOT 8 BLK 1 Map Kellogg Tract, Bkly. Emma C Snodgrass to C Texdahl.....Jan. 22, 1913

Jan. 23, 1913—LOTS 3, 4, 5 AND 6 Ptn Map Mulrooney vs Glaz, Okd. Fred Finch Orphanage to J F Dingwell.....Jan. 13, 1913

Jan. 23, 1913—NW ALLEN & DOVER 33x93, Okd. James H and Mary E Young to whom it may concern.....Jan. 22, 1913

Jan. 24, 1913—NW SIXTEENTH and Jefferson W 150 N 85 E 50 N 15 E 100 S 100, Okd. W O W Bldg Ass'n to Judson Mfg Co.....Jan. 20, 1913

Jan. 24, 1913—LOTS 10 AND 12, Rock Ridge Place, Okd. J A McClurg to Joseph Neal.....Jan. 14, 1913

Jan. 24, 1913—NE THIRTEENTH & Harrison N 200x E 300, Okd. P J Walker (agent Oakland Hotel Co) to Newberry, Bendheim Elec Co.....Jan. 11, 1913

Jan. 24, 1913—SE 50 LOTS 15, 16, 17 and SE 60 Lots 18 and 19 Blk 16 Map Boulevard Park, Brooklyn Tp. W J McDonald to H D Graves.....Jan. 18, 1913

LIENS FILED

Alameda.

Jan. 4, 1913—E FAIRMONT AVE 70 S Bayo Vista, Okd. N O Nelson Mfg Co vs W H Miller.....\$38.31

Jan. 7, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. The California Door Co.\$306.60

Hogan Lumber Co, \$880.02 vs M F Mortensen and Sigfrid A Miller.....

Jan. 8, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. Herbert Hausen vs M F Mortensen & Sigfrid A & Hilma E Miller.....\$102.50

Jan. 9, 1913—NW TAFT AVE AND Broadway W along Taft Ave 37.26 N 66 E 122.85 S 108.09, Okd. A K Goodmundson vs Andrew Mattson and N A Trubeck.....\$95

Jan. 11, 1913—LOT 19 BLK 6 Map Boulevard Park, Brooklyn Tp. Okd. Hogan Lumber Co vs H D Graves and Mary A Richardson.....\$738.08

Jan. 11, 1913—S ELMWOOD AVE 45 W Linden Ave Ptn Lot 12 Blk "D" Elwood Park, Bkly. Contra Costa Bldg Material Co vs The Edward Barry Co.....\$156.55

Jan. 11, 1913—LOT 4 BLK "F" Map

Completion Notices.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
 Jan. 6, 1913—N ST. JOHN, Bet First and Market, San Jose. L V Slaughter to J C Thorp.Jan. 2, 1913
 Jan. 13, 1913—LOT 10 BLK 2, Randol Add'n, Chapman and Davis Tract, San Jose. Fred E Reynolds to R E Cart.Jan. 13, 1913
 Jan. 14, 1913—LOTS 1 AND 2 BLK 6, Barrett and Mack Sub, San Jose. James Hiatt to whom it may concern.Jan. 14, 1913
 Jan. 14, 1913—LOT 20 San Juan Sub Stanford University, Cor. County Road and Delores. Pi Gamma Delta House Association, Stanford to F T Edmans.Jan. 13, 1913
 Jan. 17, 1913—S COLFAX near First, San Jose. Geo Rothmel to Rasmussen.Jan. 6, 1913
 Jan. 20, 1913—LOTS 5 AND 6 BLK 19, Seale Add'n, Town of Palo Alto. Mrs J K Smith to Geo B Moore.Jan. 9, 1913

Building Contracts

SAN MATEO COUNTY.

SAN MATEO. All work for two-story and basement manual training school Owner.San Mateo School District. Supt.Walter Anderson. Contractor. Caldwell & Wisnom. Filed Jan. 21, '13. Dated Jan. 14, '13.
 Frame up and roof on.\$936
 Building enclosed and finish coat plaster on.936
 Building completed.936
 Usual 35 days.937
 TOTAL COST, \$3745
 Bond, \$1875. Sureties, Wm. F. Turnbull and E. A. Hursing. Limit, 30 days. Forfeit, none Plans and specifications filed

Completion Notices.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Jan. 23, 1913—LOT 165 CRESCENT Ave, San Mateo Park. James Laurence to A Cooke and E Quajell.Jan. 21, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES

WHARF CONSTRUCTION—Wooden pile, \$23,000. Martinez, Contra Costa Co., Cal. Engineer, J. C. Arnold, Gazette Bldg., Martinez. Owners, Town of Martinez. Additional information relative to this project has been received the approval of the Town Trust-wharf and approach will be of wooden pile construction. The wharf proper will be 150x50 feet. The approach 30x 1300 feet. There will be four pile units 20 feet on centers. Plans have received the approval of the Town Trustees.

Building Contracts.

MARIN COUNTY.

BLOCK BDED BY GRAND, MAGNOLIA and Acacia Aves, San Rafael. Steam heating for three-story Class "C" building.

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE — 3 story and base, Class A construction, \$500,000. Hillsboro, San Mateo Co., Cal. Architects, Willis Polk & Co., Merchants Exchange Bldg., S. F. Owner, Charles Templeton Crocker. The old country residence of Mr. Crocker, known as Uplands, and which has long been one of the show places of the peninsula, is to be practically wrecked and a new and far more pretentious home erected on the old site. The new dwelling will be the finest country place in Hillsboro, and with the exception of Mary Pauline Payne's home at Menlo Park, the most costly place on the peninsula. Construction will be of steel and reinforced concrete, with hollow tile partitions and fireproof construction throughout. Interior finish will be of hardwoods, Marble and tile. A large amount of ornamental plaster will be used. There will be the most improved system of heating, and vacuum and dumb waiters. Vacuum cleaning and a refrigerating plant will also be installed. The exterior of the dwelling will be faced with terra cotta. Plans are complete and figures for the work are being taken by the architects.

Building Contracts.

SANTA CLARA COUNTY.

W FIFTEENTH, 2nd Lot S San Salvador, San Jose. Six-room cottage. Owner.M. S. McDonough, 217 S-First, San Jose.
 Architect.None.
 Contractor.S. G. Pelton, 217 S-First, San Jose.
 COST, \$3175

NO. 340 PREVOST, San Jose. Remodeling cottage.
 Owner.W. L. Atkins Co., 28 E-Santa Clara, San Jose.
 Architect.None.
 Day's work.COST, \$450

NO. 769 S-ELEVENTH, San Jose. Five room cottage.
 Owner.Lyman Lane, Premises.
 Architect.None.
 Day's work.COST, \$1800

NO. 255 POLHEMUS (rear), San Jose. Two-room addition.
 Owner.W. A. Phipps, Premises.
 Architect.None.
 Day's work.COST, \$450

W NINTH S of Keyes, San Jose. Four-room cottage.
 Owner.Alex York, Russ House, San Jose.
 Architect.None.
 Day's work.COST, \$1400

NO. 333 BIRD AVE., San Jose. Remodel residence.
 Owner.V. Desalvadore, Premises.
 Architect.None.
 Day's work.COST, \$500

W HARLISS, 3rd Lot N of Edwards Ave., San Jose. Three-room cottage. Owner.J. A. Greiner, 124 E-San Salvador, San Jose.
 Architect.None.
 Day's work.COST, \$500

Northbrae Terrace, Bkly. Sunset Lumber Co vs F L Clark and Wm M Converse.\$645.90
 Jan. 11, 1913—SW ELMWOOD AVE and Linden Ave Pin Lot 13 Bk "D" Elmwood Park, Bkly. Contra Costa Bldg Material Co vs The Edward Barry Co.\$158.33
 Jan. 13, 1913—NW EIGHTY-SIXTH Ave 220 NE Plymouth NE 60xNW 132.50, Okd. Melrose Lumber & Supply Co vs Ernest T Matteson.\$180.88
 Jan. 15, 1913—SE CHETWOOD 100 NE Santa Rosa Ave NE 40xSE 132, Okd. W P Fuller & Co vs N A Trubeck.\$99.36
 Jan. 16, 1913—E MADISON 70 N 7th N 30 E 75 S 30 W 25, Okd. R R Carpenter vs L A Brown and Geo Fagan.\$146.30
 Jan. 15, 1913—NE SANTA ROSA AVE and SE Chetwood NE Chetwood 100 SE 44, Okd. W P Fuller & Co vs N A Trubeck.\$131.91
 Jan. 15, 1913—NE SANTA ROSA AVE 44 SE Chetwood NE 100xSE 44, Okd. W P Fuller & Co vs N A Trubeck.\$140.95
 Jan. 15, 1913—NE SANTA ROSA AVE 88 SE Chetwood NE 100xSE 44, Okd. W P Fuller & Co vs N A Trubeck.\$106.47
 Jan. 16, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. L R Green vs Cement Products Co and L Zwaal.\$173
 Jan. 16, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. Hogan Lumber Co vs H E Gregory and Lolke Zwaal.\$232.59
 Jan. 16, 1913—LOT 10 Map Batchelder Tract, Okd. Hogan Lumber Co vs K H Ourish and Parthenia D Bryant.\$655.42
 Jan. 16, 1913—LOT 34 BLK "D" Map Bowles & Fitzgerald Tract, Okd. Bay Elec Co, \$50.50; Swift & Wilcox, \$151.35 vs M F Mortensen and Sigfred A and Hilma E Miller.\$232.59
 Jan. 17, 1913—LOT 134 BLK "D" Map Bowles & Fitzgerald Tract, Okd. T A Johnson vs M F Mortensen and Sigfred A Miller.\$92
 Jan. 17, 1913—E TELEGRAPH AVE 130 S Channing Way S 80xE 110, Bkly. A M Poulsen vs J R Newsum, J A Elston and Berkeley Bank of Savings & Trust Co.\$303.45
 Jan. 18, 1913—LOT 31 BLK "J" Map 4th Avenue Terrace, Okd. Hammond Lumber Co vs L Zwaal and Cement Products Co.\$137.30
 Jan. 18, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. F W Campbell vs Lolke Zwaal and H E Gregory.\$64
 Jan. 18, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. B Scherhage \$36.25; I H Parks, \$9; F B Thomas, \$300 vs L Zwaal.\$208.10
 Jan. 20, 1913—SW FIFTH AND PILBERT, Okd. Redwood Mfg Co vs S Giuntini and C Orselli.\$208.10
 Jan. 21, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. H E Gregory vs L Zwaal.\$507
 Jan. 22, 1913—LOT 18 BLK 25 Key Route Heights, Okd. H A Smith vs Richard Moore and Fruitvale Boulevard Land Co.\$162
 Jan. 23, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. Ernest L Thompson vs L Zwaal and H E Gregory.\$68.15
 Jan. 23, 1913—W CALIFORNIA 98.53 N Cedar N 40xW 117.17, Bkly. John J Sullivan vs Luigi Carusolo.\$107.33

wner.....The Dominican College,
San Rafael.
rchitect...Albert Pissis, Flood Bldg.,
San Francisco.
ontractor...W. L. Meuser and H. M.
Poffman, 1129 Howard,
San Francisco.

iled Jan. 13, '13. Dated Jan. 2, '13.
1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$2543
Bond, 1271.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, fast
as possible. Forfeit, \$25. Plans and
specifications, none.

ELECTRICAL WORK ON ABOVE.
Contractor...California Electrical Con-
struction Co., 680 Mission,
San Francisco.

Filed Jan. 13, '13. Dated Dec. 30, '12.
Payments same as above.....

TOTAL COST, \$1420
Bond, \$710. Sureties, David Cosgrove
and L. G. Loupis. Limit, as fast as
possible. Forfeit, \$25. Plans and spec-
ifications, none.

Building Contracts.

CONTRA COSTA COUNTY.

RANCHO LOS MEGANOS. Earthwork
for irrigation project.
Owner.....Balfour-Guthrie Co., 350
California, San Francisco.
Architect...A. Kempkey for Arthur L.
Adams.

Contractor...Edward Malley, 180 Jessie
San Francisco.

Filed Jan. 21, '13. Dated Jan. 18, '13.
TOTAL COST, \$

Bond, \$21,500. Surety National Surety
Co. Limit, forfeit, none. Plans only
filed.

LOTS 11 AND 12 BLK 15, City of Rich-
mond. All work for two-story and
mezzanine brick fraternal hall.

Owner.....Richmond Knights of
Pythias Hall Association.
Architect...J. B. Ogborn, Richmond.
Contractor...J. H. Fluth & Morton,
Richmond.

Filed Jan. 20, '13. Dated Jan. 13, '13.

1st story brick walls up.....\$2600
Brick work completed..... 2600
Ready for plastering..... 2600
Interior finish completed..... 1300
Building completed..... 1634
Usual 35 days..... 3579

TOTAL COST, \$14,313
Bond, \$7156.50. Surety, American Surety
Co. of New York. Forfeit, none. Limit,
100 days. Plans and specifications filed

SE ¼ OF NW ¼ OF SEC 15 T 1 S R 3
E M D B AND M. All work for one-
story and basement frame building.
Owner.....Byron Hot Springs,
Byron, California.

Architect...None.
Contractor...N. H. Bateman

Filed Jan. 20, '13. Dated Jan. 11, '13.

rough floor laid.....\$421.87
Ready for shingles..... 421.85
Plastering completed..... 421.87
Building accepted..... 421.83
Usual 35 days..... 562.50

TOTAL COST, \$2250.00
Bond, \$1200. Surety, H. A. West. Limit,
forfeit, none. Plans and specifications
filed.

NEAR EIGHTH AND NEVIN AVES.
Richmond. All work for one and one
half-story building.

Owner.....Mary S. Bedwell, Richmond
Architect...None.

Contractor...James F. Crohl, Richmond.
Filed Jan. 20, '13. Dated Jan. 17, '13.

Frame up ¼
1st coat plaster on..... ¼
Building finished..... ¼
Usual 35 days..... ¼

TOTAL COST, \$1864
Bond, \$1000. Surety, W. H. Johnston.
Limit, 60 days. Forfeit, none. Plans
and specifications filed.

Completion Notices.

MARIN COUNTY.

Jan. 6, 1913—W "D" 50 N Bay View
W 100xN 50, San Rafael. Frank
Simpton to Le Corne & Warden...

.....Jan. 4, 1913

Jan. 6, 1913—SOUTHERN HEIGHTS,
San Rafael. H A Turner to T J

Mooley.....Jan. 6, 1913

Jan. 2, 1913—SE COR LOT NO. 1 BLK
8, Tamalpais Land & Water Co

Map No 5; ptn Blk 9 Map Lyon &
Hoag Sub Sunnyside Tct, Mill Val-

ley. A E Dickinson to Guy Schoon-
over.....Dec. 31, 1912

Jan. 21, 1913—SAN RAFAEL C A
Miller to Collman & Collman....

.....Jan. 14, 1913

Dec. 23, 1912—LOTS 29 AND 30 BLK
7, Beryl Street, Marine Heights.

Mrs B D Bruce to R S MacMillen...
.....Dec. 21, 1912

Release of Liens.

MARIN COUNTY.

RECORDED AMOUNT
Jan. 8, 1913—BOSQUI TRACT, Ross
Valley. D R Clarke to R L Radke

.....\$306.75

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Jan. 22, 1913—LOT 13 Rancho Monte
Del Diablo. Redwood Manufactures

Co vs A Fragolia.....\$330.34

Liens Filed.

MARIN COUNTY.

RECORDED AMOUNT
Jan. 22, 1913—MARIN HEIGHTS, Mill
Valley. Mill Valley Lumber Co

cpn vs Mrs B D Bruce and R S Mc-
Millen\$336.22

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BRIDGE—Steel and concrete. Cost
not stated. Jelly Ford, Tehama Co. Cal.
Engineer, County Surveyor W. F.
Luning, Red Bluff Owners, Tehama
County. County Surveyor Luning in-
forms us that while his office has been
instructed to prepare plans for a high-
way bridge over the Sacramento River
at this point, that the recent high
water has made it impossible to get
soundings and complete the survey.
As soon as this work can be completed
plans will be drawn and complete in-
formation will then be published.

BRIDGE—Steel and concrete. \$25,000.
Dyerville, Humboldt Co., Cal. Engi-
neer, County Surveyor George W. Con-
ners, Eureka. Owners, Humboldt
County. Plans and specifications have
been approved for a steel and concrete
highway bridge over the South Fork
of the Bel River, and bids will be

called for shortly. Plans provide for
a structure 300 feet long and having a
roadway 21 feet wide. Complete infor-
mation can be secured from the County
Surveyor at Eureka.

SCHOOL—2 story and base, brick,
\$15,000. Galt, Sacramento Co. Cal. Archi-
tect, C. H. Russell, Humboldt Bank
Bldg., S. F. Owners, Galt Joint Union
High School. Bids opened for this
work have been taken under advice-
ment and all checks except four have
been returned. The work attracted an
unusually large number of figures. A
complete list of the bids may be found
under the heading of Sacramento,
Stockton and Northern California in
this issue.

Contracts Awarded.

FACTO A—Group of concrete build-
ings. Cost not stated. Sacramento,
Cal. Architect's name not given. Own-
ers, Libby, McNeil & Libby. Contrac-
tors, Thomas H. Day's Son, Mondrack
Bldg., S. F. Contract price not stated.
Note: It is understood that the own-
ers will expend in the neighborhood of
\$185,000 on a plant.

Galt School Work Proves Attractive.

Thirteen Figures Received for General
Construction. Four Firms' Bids
Under Advisement.

Bids were opened by the Board of
School Trustees at Galt, Sacramento
County, on Tuesday January 21st, for
the construction of the new two-story
and basement brick high school build-
ing. Plans were prepared by Archi-
tect C. H. Russell, Humboldt Bank
Bldg., San Francisco. The work proved
attractive to a number of firms and 13
bids were submitted for the general
construction. Bids have been taken
under advisement and all checks re-
turned except those of Graham & Jen-
sen, Peterson & Wilson, Bert T. Owsley
and O. B. Ackerman & Son. Bids were
asked for on the general construction
with the following alternatives: (a)
general construction; (b) substituting
common brick for pressed brick in rear
walls, deduct; (c) substituting wood
for galvanized iron in main cornice,
deduct; (d) omitting Rutty wall plugs,
deduct; (e) substituting pine for maple
flooring in study hall, deduct; (f) omit-
ting Silocel and substituting felt, de-
duct; (g) omitting Pacco damp-proof-
ing, deduct. The following is a com-
plete list of all figures received.

General Construction.

T. P. Frost: (a) \$42,000; (b) \$1,600;
(c) \$350; (d) \$300; (e) 275; (f) \$200;
(g) \$240.
Peterson & Wilson, San Francisco: (a)
\$40,253; (b) \$1,065; (c) \$500; (d) \$15;
(e) \$285; (f) \$470; (g) \$300.
F. C. Fawcett: (a) \$41,994; (b) \$500;
(c) \$400; (d) \$60; (e) \$200; (f) \$230;
(g) \$220.
Graham & Jensen, San Francisco: (a)
\$41,000; (b) \$1,500; (c) \$500; (d) \$300;
(e) \$250; (f) \$500; (g) \$500.
Bert T. Owsley, S. F.: (a) \$40,970; (b)
\$1,200; (c) \$375; (d) \$150; (e) \$125;
(f) \$300; (g) \$240.
McGillivray Constr. Co., Sacramento:
(a) \$43,980; (b) \$1,809; (c) \$295; (d)
\$110; (e) \$139; (f) \$250; (g) \$329.

Murcell & Haley, Sacramento (a) \$39,447; (b) omitted.
 J. H. Wygant and P. Gallagher: (a) \$41,900; (b) \$930; (c) \$435; (d) \$150; (e) \$15; (f) \$295; (g) \$240.
 H. B. Ackerman & Son, Oakland: (a) \$41,089; (b) \$1,700; (c) \$50; (d) \$100; (e) \$177; (f) \$117; (g) \$99.
 George W. Martin & Son, Sacramento: (a) \$42,050; (b) \$1,950; (c) \$233; (d) \$35; (e) \$130; (f) \$120; (g) \$220.
 Campbell & Turner, Sacramento: (a) \$43,370; (b) \$1,615; (c) \$350; (d) \$300; (e) \$220; (f) \$250; (g) \$240.
 Siller Bros., Sacramento: (a) \$45,590; (b) omitted; (c) \$512; (d) \$50; (e) \$137; (f) \$220; (g) \$250.
 McLeran & Peterson, S. F.: (a) \$43,521; (b) \$1,536; (c) \$400; (d) \$50; (e) \$157; (f) \$277; (g) \$376.

Time Clock System

Standard Electric Time Co., San Francisco, \$925.
 Self Winding Clock Co., San Francisco, \$1,100.

Heating and Ventilating.

Pacific Blower & Heating Co. (a) \$5,350; (b) \$650; (c) \$1,060; (d) \$565.
 Latourrette, Elcal Co., Sacramento: (a) \$4,428; (b) \$700; (c) \$1,000; (d) \$490.
 W. Morgan & Co.: (a) \$5,300; (b) omitted; (c) \$800; (d) \$950.
 Lyman & Stack, Sacramento: (a) \$6,295; omit oil burner, \$750.
 Ed Negrew: (a) \$4,497; (b) \$900; (c) \$400.
 John Breuner Co., Sacramento, oil burner, \$587.

Building Contracts.

SACRAMENTO COUNTY.

NO. 821 J ST., Sacramento. Alterations and additions to building.
 Owner.....The Wiley B. Allen Co.
 Architect...E. T. Osborn.
 Contractor...T. W. Johnson.
 Filed Jan. 20, '13. Dated Jan. 1, '13.
 COST, \$1950

LOT 4, J. K, 4TH AND 5TH STS., Sacramento. Painting for six-story, mezzanine and basement reinforced concrete hotel building.
 Owner.....Marsh Investment Co.
 Architect...Cuff & Diggs, Elks' Bldg., Sacramento.
 Contractor...Ransome Concrete Co., 328 J St., Sacramento.
 Sub-Contractor...D. Zellinsky, 564 Eddy, San Francisco.
 Filed Jan. 21, '13. Dated Jan. 14, '13.
 COST, \$6863

LOT 4, J. K, 4TH AND 5TH STS., Sacramento. Tile work for seven-story and basement reinforced concrete hotel building.
 Owner.....Marsh Investment Co.
 Architect...Cuff & Diggs, Elks' Bldg., Sacramento.
 Contractor...Ransome Concrete Co., 328 J St., Sacramento.
 Sub-Contractor...H. P. Fischer Tile & Marble Co., 318 N-California, Stockton.
 Filed Jan. 20, '13. Dated Jan. 14, '13.
 COST, \$3098

N 85 FEET LOT 8, J. K, 14TH & 15TH STS., Sacramento. Ornamental iron for five-story and basement reinforced concrete apartment house building.
 Owner.....Chauncey Dunn.
 Architect...Cuff & Diggs, Elks' Bldg., Sacramento.

Contractor...Ransome Concrete Co., 328 J St., Sacramento.
 Sub-Contractor...Ralston Iron Works, 20th and Indiana, S. F.
 Filed Jan. 20, '13. Dated Dec. 26, '12.
 COST, \$880

W 10.12 FT. OF SOUTH 64 FT. OF LOT 8, E. P. 8th and 9th Sts., Sacramento. Three-story and basement apartment building.

Owner.....Lucy S. Juergenson.
 Architect...Geo. C. Sellon, 1510 15th St., Sacramento.
 Contractor...Rulter & Birdsall.
 Filed Jan. 23, '13. Dated Dec. 30, '12.
 TOTAL COST, \$13,833.50

LOTS 3 AND 4 M, N, 29TH & 30TH STS., Sacramento. Brick work for warehouse building.

Owner.....Pacific Gas & Elec. Co.
 Architect...None.
 Contractor...P. J. O'Brien.
 Filed Jan. 23, '13. Dated Jan. 13, '13.
 COST, \$4550

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 1 AND 2 BLK 16, City of Lodi. All work for two-story brick building (bank, club rooms, stores, etc.)
 Owner.....Bank of Lodi, City of Lodi, California.
 Architect...Walter King, Elks' Bldg., Stockton, Cal.

Contractor...F. G. Cary, Stockton.
 Filed Jan. 23, '13. Dated Jan. 22, '13.
 Foundation completed2500
 1st story walls up3642
 2nd story walls up3642
 Roof on2642
 Ready to lath2642
 Plastering completed2642
 All work completed3647
 Usual 35 days8119
 TOTAL COST, \$32,467

Bond, \$16,233. Sureties, Blanche P. Cary, Edward Hutchins and Martin Duffy. Limit, 185 days. Forfeit, \$25. Plans and specifications filed.

LODI, CALIFORNIA. All work for a Catholic Church.

Owner.....The Roman Catholic Archbishop of San Francisco.
 Architect...John J. Foley, 579 Monadnock Bldg., San Francisco.
 Contractor...Chirhart & Nystedt.
 Filed Jan. 16, '13. Dated Jan. 14, '13.
 End of each month75%
 Usual 35 days25%
 TOTAL COST, \$17,545

Bond, \$8800. Surety, Pacific Coast Casualty Co. Limit, 150 days. Forfeit, none. Plans and specifications filed.

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 Jan. 23, 1913—S 36 FT. LOT 4 AND N 5 ft. of South 41 feet of 7; 20 ft. Lot 4, J. K, 7th and 8th Sts., Sacramento. Farmers' & Mechanics' Savings Bank to Ransome Concrete Co.Dec. 2, 1912

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

BANK—1 story and base, brick. Cost not stated. Kingsburg, Fresno Co., Cal.

Architect, Eugene Mathewson, Fresno. Owners, First National Bank of Kingsburg. The preliminary plans for this building show a structure in the classic style with a large public space and general office, besides a private office for the president and a directors' room. Interior will be finished in hardwood, tile and ornamental iron and bronze. There will be special coin vaults. The exterior of the building will probably be faced with pressed brick. Plans are being prepared.

CHURCH—1 story, frame construction, \$10,500. Cross Landing, Stanislaus Co., Cal. Architect, John J. Foley, Monadnock Bldg., S. F. Owners, Roman Catholic Church. The building is to be designed in the Spanish Colonial style with the exterior faced with cement plaster. Roof will be covered with red metal tile. Interior will be finished in pine and ornamental plaster. The main auditorium will have a seating capacity of 350 people. The architect is now completing the working drawings.

CONVENTION HALL—Brick and concrete construction, \$45,000. Fresno, Fresno Co., Cal. Architect, C. K. Kirby, Jr., Fresno. Owners, City of Fresno. All bids recently asked for for the finishing construction of this building have been rejected, and new bids will be called for at once. The amount of \$45,000 is available for the work. Complete information can be secured from Architect Kirby.

LODGE HALL—2 story and base, brick, \$20,000. Taft, Kern Co., Cal. Architect's name not given. Owners, Odd Fellows Building Committee. Preliminary sketches show a building containing two stores on the first floor and a large lodge hall and offices on the second floor. Interior finish will be of pine and redwood. The exterior of the building will be faced with pressed brick. Plans will be out for figures shortly. Additional information will appear in an early issue of this publication.

Contracts Awarded.

FIRE HOUSES, 2, 1 story and base, frame, \$10,000. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractor, M. T. Kean, Bakersfield. Contract price, \$10,700. Other bids presented were: D. A. Evans, \$12,696; Brown & Paynter, \$14,875; and Geo. M. Wilkinson, \$11,800.

WATER MAINS AND HYDRANTS—Cost not stated. Bakersfield, Kern Co., Cal. Engineer, City Eng., Bakersfield. Owners, City of Bakersfield. Contractor, Max Gundlach, Bakersfield, water pipe, \$2,546.65; Greenberg & Sons, Bakersfield, 35 fire hydrants. Contract price not stated.

Completion Notices.

FRESNO COUNTY.

RECORDED ACCEPTED
 Jan. 20, 1913—LOTS 44 AND 45, Olive Park, Fresno. Marion St. John to whom it may concern...Jan. 18, 1913

Liens Filed.

FRESNO COUNTY.

RECORDED AMOUNT
 Jan. 20, 1913—LOT 20, Poppy Colony. F. L. and R. M. Irwin vs John J. Harris\$225

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, \$50,000. San Diego, Cal. Architects, Greene & Greene, Boston bldg., Pasadena. Owner, Mrs. Mary Jew. The dwelling is designed in the old English style with a plaster and hinge exterior ornamented with heavy beams. The first floor will be finished in oak throughout and the second in white enamel. All rooms will have hardwood floors. A central heating system and open fire places will be installed. A garage in keeping with the residence will also be erected. A large amount of concrete terraces are to be erected and landscape gardening on a large scale is contemplated. The work will be done by Day Labor.

CHURCH—1 story and base, reinforced concrete. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owners, First Church of Christ, Scientist. The structure will cover a ground area of 90x140 feet, and will be arranged for a large auditorium on the first floor and Sunday school rooms in the basement. All of the basement except two feet will be above ground. Construction will be of reinforced concrete with reinforced concrete floor slabs, steel roof trusses and a clay tile roof. Interior will be finished in pine and hardwoods. There will be a central heating system and vacuum cleaning plant. Art glass will be used in the windows. The exterior will be faced with cement plaster. Plans are complete and figures are being taken for the various parts of the work.

WAREHOUSE—3 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Hudson & Munsell, Stimson Bldg., L. A. Owners, John A. Roehling Sons Co. The building will cover a ground area of 25,000 square feet. There will be a complete steel frame, brick walls, faced with blue pressed brick. Floors throughout will be of reinforced concrete. Metal window sash and frames and fireproof doors will be used. There will be three elevators. The front portion of the building will contain the general offices of the company and will be finished in oak. Plans are complete and figures are being taken on the work.

HOTEL—3 story and base, brick, \$15,000. Los Angeles, Cal. Architect, none. Owners, California Real Estate and Building Co., 621 South Spring St., L. A. The building will be erected at the corner of 6th and Ceres streets, and will cover an area of 75x100 feet. There will be one store besides the main hotel office and lobby on the first floor. Upper floors will be divided into 70 guest rooms and 18 baths. There will be steam heat, elevator service and a hot water heating plant. The interior of the building will be finished in pine and redwood with some oak and ornamental plaster used in the lobby. The exterior will be faced with pressed brick. The owners construct all of their own buildings, but will be in the market shortly for the various materials.

HOTEL AND STORE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Austin & Pennington, Wright and Callender Bldg., L. A. Owner, Walter H. Fisher. The building will be 32x93 feet. There will be

stores on the first floor and 12 guest rooms on the second floor. The building will connect with a structure at the corner of Grand street, and the rooming house will be conducted by the same management. Interior finish will be of pine. The exterior will be faced with pressed brick. Plans are being prepared.

SCHOOL—1 story and base, brick, \$25,000. El Modena, Orange Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, El Modena School District. The building has been arranged to contain six standard size class rooms, teachers' rooms and principal's offices, besides a large auditorium seating 350 people. A complete stage will be a part of the auditorium. There will be a central heating system. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Plans can be secured from the architect.

SCHOOLS—2, 2 story and base, brick and frame, \$10,000. Orange, Orange Co., Cal. Architect, Fred H. Eley, Hervey-Pinley Bldg., Santa Ana. Owners, Orange Union High School District. These two buildings, the science building and manual arts building, will be 50x100 and 60x100 feet respectively. Interiors will be finished in pine throughout. Heat will be supplied from the present system. The exteriors will be faced with cement plaster. The cost price does not include the machinery and equipment which will be installed later. Plans are complete and figures are being taken. Bids will be opened by the Board of Education on February 21st. Plans can be secured from the architect.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Long Beach, Los Angeles Co., Cal. Architects, Metcalf & Davies, Long Beach Bank Bldg., Long Beach. Owner, W. E. Babb. The building will be 12x70 feet and will be arranged to contain 36 rooms, which will be divided in 14 suites of two and three rooms each. All suites will have connecting baths and wall beds. Some hardwood floors will be used. A central heating system will be installed. The exterior of the building will be covered with cement plaster on metal lath. Provision is made for a garage in the rear of the lot. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Pedro, Los Angeles Co., Cal. Architect, none. Owner, William Crocker, San Pedro. The building is to contain 54 rooms, which will be arranged in 23 suites of two and three rooms each. The building will cover an area of 40x110 feet. Interior finish will be of pine, redwood and some hardwood. A central heating system will be installed. All suites will be equipped with wall beds. Private bath rooms will be arranged for each apartment. The exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, brick, \$50,000. Pasadena, Los Angeles Co., Cal. Architect, A. L. Reed, 236 West Ocean Ave., Long Beach. Owner, Mrs. Edwin Grebel. The building will cover an area of 94x112 feet, and is to be arranged for 12 suites of three rooms, 40 suites of two rooms

and 12 one-room apartments. All suites will have wall beds and connecting baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine, redwood and hardwoods. Considerable tile will be used in the lobby and entrance vestibule. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—2 story and base, brick, \$20,000. Glendale, Los Angeles Co., Cal. Architects, Pacific Home Builders, 331 So. Hill St., L. A. Owners, Pacific Home Builders. The building will cover an area of 100x60 feet. The first floor will contain four stores and the second floor four apartments of five rooms and bath each. All interior finish will be of pine or redwood. A hot water plant will be installed. All suites will have wall beds and private bath rooms. The exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner's name withheld. The structure will cover a ground area of 50x170 feet and will be arranged for 120 rooms, divided into two and three room suites. There will also be a large lobby, parlors and amusement room. All suites will have wall beds, private bath and separate entrances. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile and will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the house will be faced with pressed brick. Plans are being prepared.

BANK AND OFFICES—7 story and base. Class A construction, \$100,000. Pasadena, Los Angeles Co., Cal. Architect, C. E. Whittlesey, Haight and Clayton Sts., S. F. Owners, Citizens' Savings Bank of Pasadena. The one-story building now on the site was designed to carry six additional stories and the original plans will be followed as closely as possible. Construction will be of reinforced concrete and absolutely fireproof throughout. The owners will probably select a local architect to make certain revisions in the plans and to superintend the work. Complete information is not available at this time.

CHURCH—1 story and base, stone and concrete, \$20,000. Los Angeles, Cal. Architect, R. M. Taylor, Douglas Bldg., L. A. Owners, Church of Jesus Christ. This work has been mentioned here before. The foundation work is completed and plans for a superstructure will be completed in a day or two. The exterior will be faced with Utah sandstone. Interior will be finished in pine and hardwoods. A central heating system is to be installed. Work will be carried on by Day Labor under the superintendence of Samuel Babey.

CHURCH—1 story and base, brick, \$10,000. Colton, San Bernardino Co., Cal. Architect, Norman F. Marsden, Broadway Central Bldg., L. A. Owners, Jewel Memorial M. E. Church. Plans are being prepared for a much larger church but only a portion of the structure will be erected this year. Construction will be of brick with the ex-

STORY ADDITION—Will be same brick. Interior finish will be of pine. The sum of \$10,000 is probable for construction of this addition, which will be completed as soon as possible.

BARABEE—1 story and base brick. Cost not stated. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg. L. A. Owner, Nathan B. Barabee. The building will cover a ground area of 50x170 feet, and is to be designed for a commercial garage. The floor will be of cement. There will be large window frames and sash and overhead doors. Some structural steel will be used. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

LOBBY HALL—1 story and base, Class B construction, \$55,000. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg. L. A. Owner's, Knights of Colum bus. The sketches which have been submitted provide for a four-story and basement building of Class B construction, 62x110 feet. The first and second stories will be devoted to the auditorium which will have a stage, gallery, lounge rooms, lobby, etc. The third story will contain the main lodge room, ante rooms, smoking rooms, kitchen and store rooms, and three quarters for the employees will be on the fourth story. There will be hand ball courts on the roof. The basement will contain the gymnasium, locker rooms, swimming pool and heating plant. The exterior will probably be faced with terra cotta. Working drawings will be completed at once.

HOTEL—1 story and base, brick and steel, \$200,000. San Diego, Cal. Architect, W. S. Hebbard, Grant Bldg., San Diego. Owner's name withheld. Plans for this building, which are now out for figures, show a structure covering a large ground area and arranged for stores and an arcade on the first floor. Upper floors will contain a large number of guest rooms. Construction will be fireproof. A contract will be awarded for the work by the first of February.

HOTEL ADDITION—2 story reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Wentworth Hotel Co. The two additional stories will add 150 guest rooms to the hotel. All rooms will have connecting baths. Construction will be entirely of reinforced concrete. The exterior of the building will be faced with cement plaster. A clay tile roof is specified. Bids are now being taken for the general construction, roof tile, plumbing, steam heating, electric work and bath room tile.

WATER SYSTEM—Cost not stated. Oxnard, Ventura Co., Cal. Engineers, Olmsted & Gillette, Wright and Callender Bldg., L. A. Owners, City of Oxnard. Attorney Blacklock of Oxnard has just received word from the Appellate Court that the bonds voted by the people of Oxnard over a year ago for the construction of a water and light system in that city are legal. Steps will be taken at once towards entering into contracts for the construction of the system.

CONSOLIDATION AND EXTENSION OF WATER SYSTEMS—Cost not stated. Riverside, Riverside Co., Cal. Engineers, Burns & McDonnell, Kansas City, Mo. Owners, City of Riverside. The above named engineers have been

retained by the city to prepare plans for the consolidation of the two water systems for the purchase of which \$1,600,000 in bonds were voted. A number of important extensions will also be planned.

STORES—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, D. Bottlinger. The building will be erected on Main street and will cover a ground area of 100x100 feet. A number of modern stories will be arranged for, all of which will have patent store fronts and plate glass windows. Interior finish will be of pine and redwood with some hardwoods used in the display windows. A cement floor will cover the entire area. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$20,000. Los Angeles, Cal. Architects, Hudson & Munsell, Stimson Bldg., L. A. Owner, N. Elsasner, Contractor, Thomas K. Miller, 3550 So. Figueroa St., L. A. This contract has been awarded on the percentage basis.

LOFTS—40 story and base, Class A construction, \$100,000. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Knickerbocker Fireproof Building Co. Contractor, J. V. McNeil, Citizens' National Bank Bldg., L. A. Contract price, \$100,000.

LOFTS—7 story and base, reinforced concrete, \$70,000. Los Angeles, Cal. Architect, S. Tilden Norton, Title Insurance Bldg., L. A. Owner, J. Kahn, Contractor, J. V. McNeil, Citizens' National Bank Bldg., L. A. Contract price, \$70,000.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Los Angeles, Cal. Architect, none. Owner, O. Wilson, Contractor, George M. Easton, Los Angeles Investment Bldg., L. A. Contract price \$24,250.

STEEL AND CONCRETE WATER TANK—\$9,000. Los Angeles, Cal. Engineer, County Engineer, L. A. Owners, Los Angeles County, Contractors, Security Contracting Co., Union Oil Bldg., L. A. Contract price, \$9,553.

SEWER SYSTEM—6 miles, \$550,000. Los Angeles, Cal. Engineer, City Dept. of Engineering, L. A. Owners, City of Los Angeles, Contractors, Holt & Jeffery, Hincley Block, Seattle. Contract price, \$528,844.34. Note: This sewer is known as the Arroyo de la Brea.

TILE AND MARBLE FOR 12 STORY OFFICE BUILDING—\$70,500. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, W. I. Hollingsworth, Contractor, B. V. Collins, 945 So. Los Angeles St., L. A. marble and tile work. Contract price, \$70,500.

PORTLAND AND OREGON.

APARTMENT HOUSE—1 story and base, reinforced concrete, \$30,000. Portland, Ore. Architects, Butterworth and Stephenson Co., Portland, Owners, Butterworth and Stephenson Co. According to the present plans the building will contain 22 apartments of which 18 will consist of three rooms with private bath, and the remainder will be two room suites. It is the intention of the owners to equip the building with disappearing beds,

built in refrigerators and an oil burning steam heating plant. Each suite will have private telephone connection, a gas range and complete plumbing fixtures. Provision is also made for installing a vacuum cleaning plant. The exterior will be plain with but little ornamentation, and the interior is arranged so that all rooms have outside light and ventilation. Separate bids are wanted for the heating, plumbing, tile work and wiring contracts only.

APARTMENT HOUSE—2 story and base, brick, \$25,000. Portland, Ore. Architect, C. A. Duke, Pailing Bldg., Portland. Owner, Edward Kleist. The building will cover an area of 100x100 feet. The first floor will be arranged for seven retail stores and the upper floor will contain six suites of four rooms each and a number of offices. There will be patent store fronts. Interior finish will be of pine. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans for this work are being prepared.

STORES—1 story and base, brick and steel. Cost not stated. Portland, Ore. Architects, Emil Schacht & Son, Portland. Owner, Fred H. Brown. The building will cover an area of 90x100 feet. The space has been arranged for four stores and a moving picture house. There will be plate glass display windows with patent store fronts. Interior finish will be of pine and some hardwood. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL—3 story and base, brick and steel, \$40,000. Portland, Ore. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owner, Otto W. Nelson. The building is to be 50x95 feet, and is arranged for five stories besides the hotel lobby on the first floor and a total of 44 guest rooms and 10 baths on the upper floors. There will be steam heat and running water in all rooms. The exterior of the building will be faced with pressed brick. Interior finish will be of pine throughout. Patent store fronts are specified. Plans for the work are now being completed.

UNION STATION—Class A construction, \$3,000,000. Portland, Ore. Architects, Emil Schacht & Son, Commonwealth Bldg., Portland. Owners, Hill and Harriman interests. A report from Portland states that the above mentioned architects have been commissioned to prepare plans for a union station. The report cannot be verified in this city and no details of the proposed structure are obtainable.

SEATTLE AND WASHINGTON.

STORES ALTERATIONS AND ADDITIONS—Concrete and brick construction, \$60,000. Seattle, Wash. Architect, Harlan Thomas, Ellers Bldg., Seattle. Owners, Arcade Bldg. The present front will be removed and an arcade effect will be constructed on both street frontages. Interior partitions will be removed. An automatic sprinkler system will be installed. New electric wiring, plumbing, painting and plastering are called for in the specifications. New store fixtures will also be constructed. Plans for this work are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$175,000. Seattle, Wash. Architect, W. P. White,

Walker Bldg., Seattle. Owner's name withheld. This building will cover an area of 100x100 feet. The interior of the building is to be arranged for large apartments of from five to eight rooms each. There will be 25 suites. Interior finish will be of pine and hardwoods. All baths will be wainscoted with tile and will have composition flooring. Plans provide for steam heat, elevator service and a vacuum cleaning system. Construction will be fireproof throughout. The exterior of the building will be faced with white glazed terra cotta. Plans will be complete and ready for figures within the next thirty days.

CHURCH—2 story and base, brick and concrete, \$10,000. Seattle, Wash. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owners, Seattle Jewish Synagogue. Working drawings for this building are complete and specifications are being written. The building will be faced with white glazed brick. Interior finish will be of mahogany. Dome will be shingled with copper shingles. There will be a central heating system. Bids will be called for within a few days.

CAPITOL BUILDINGS—Class A construction, \$700,000. Boise, Idaho. Architect's name not given. Owners, State of Idaho. The legislature will shortly act on an appropriation of \$700,000 for completing the State Capitol buildings at Boise. It is understood that the measure is very favorably thought of and that no opposition will be raised.

COUNTY COURT HOUSE AND CITY HALL—7 story and base. Class A construction, \$1,000,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, City of Seattle and King County. Bonds to the amount of \$950,000 have been sold by the county and the architect reports that plans will be ready for figures by the middle of February. The structure is to cover an area of 240x240 feet and will have a complete steel frame, reinforced exterior walls and pressed brick facing. The Chamber of Commerce has had the plans experted and place an estimate of \$1,700,000 on the cost of the building.

LIBRARY—2 story and base, brick, \$35,000. Seattle, Wash. Architect, W. Marbury Somervell, White Bldg., Seattle. Owners, City of Seattle. The building, which has been mentioned here before, will contain an auditorium in the basement, two main reading rooms on the first and second floors and the stack rooms and librarian's office. There will be a central heating system. Interior finish will be of hardwoods and metal. Metal shelving will be used. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and bids will be opened on February 3rd. Plans can be secured from the architect, J. T. Jennings is Secretary of the Seattle Public Library Committee.

Contracts Awarded.

BRIDGE—Steel and concrete, \$50,000. Port Angeles, Wash. Engineer's name not given. Owners, Clallam County Contractors, International Contracting Co., Central Bldg., Seattle. Contract price, \$50,000.

DOCK AND WAREHOUSE—Frame construction, wooden piles. Bellingham, Wash. Architects, Blackwell & Baker, Northern Bank Bldg., Seattle.

Owners, Inland Navigation Co. Contractor, A. J. Blisse, Bellingham. Contract price \$35,000.

Millionaires sometimes express their fancy in different ways, as often as otherwise in odd ostentation which is more or less common, according to the taste of the person who has acquired the money. Thus the mansion of Senator Clarke on Fifth Avenue, New York, has been the subject of many an architectural note and comment by people in all walks of life. So a recent report in the papers calls attention to the fact that the celebrated French Architect, Achille Duchene has prepared plans for a new drawing room to be constructed in Clarence Mackay's Roslyn, Long Island, home that will cost \$500,000. Achille Duchene is noted for his work upon the ancestral homes of Europe and the Royal villas that he has planned. This drawing room to cost half a million must be a princely addition to the home of the American multi-millionaire.

The advertising pages of a magazine, and particularly of a trade paper, are the most interesting part of the publication in many ways. If one should look over the files of such a paper for a period of twenty years back he would find a more complete record of progress in the advertisements than in the news columns themselves. No matter what particular line of work in which you may be engaged you will always find something to interest you as there you will find the work of an army of business men who are offering to the public some special product or the best work they can give at the present day.

Any intelligent man can find much of what is new, much of interest and much of what is valuable to him in perusing the advertisements in any trade paper.

The man who throws his trade paper aside without studying closely its advertising pages is not only missing a lot of interesting information but he is also failing to inform himself broadly on business opportunities, methods, and appliances that are well worthy of his intimate consideration. Take a look through the advertisements of the Daily Pacific Builder and convince yourself.

The offer of 40 millions or thereabouts of the Board of Supervisors and the Mayor for the property of Spring Valley Water Company is certainly liberal enough. That the company would accept it is hardly to be expected. As it is the offer allows the company a profit of millions even on their watered capital. It would seem that some legislative action will have to be taken to allow the city to acquire the property over the heads of the corporation officials and make adequate return therefor.

There seems to be no disposition to come to any agreement other than to hold up the city for an exorbitant price.

Sermons in stones, books in brooks, and precepts in rhyme are not only found in Shakespeare and the daily effusions of Walt Mason but even the women are bursting into this sphere which has hitherto been allotted to man. Here is one from a country newspaper, the West Plains Missouri

Searchlight, and the author is Mrs. Anna J. Richart:

"When the mighty locomotive gets to slippin' on the track, acts so aggravatin' halky, won't do nothin' but go back, then they pour the gritty and shower right down on them shinin' rails and with elephantine power, off the whoppin' monster sails. So it is in life, dear people, when your hopes and plans won't go and you hang your heads in sorrow and you think you stand no show, just dig up your sand and use it, spread it thick on life's sleek track and then, presto! you'll be findin' that your luck is comin' back. For you see if you set weepin' and a howlin' all the day, you obstruct the gladsome highway, sure to get in someone's way, and your mournin' gives 'em earache, headache, backache, heartache too; just get up and laugh and caper, see if they don't caper too!"

LAHONTAN DAM NEARS COMPLETION.

RENO (Nev.), January 21.—Uncle Sam's engineers and construction workers are now forcing away on the last unit of the construction of the big Lahontan Dam of the Truckee-Carson project, which, when completed, will transform a portion of the great Nevada desert into an immense lake, and store the waters of the Truckee and Carson Rivers for the irrigation of 200,000 acres of fertile desert land in Churchill County, and will reclaim the "Forty Mile Desert" and turn it into beautiful, fertile, productive farms upon which several thousand new Nevadans will live and add to their own wealth and the wealth of the State. When this dam is completed and the canals leading from it are carrying water into the desert, the United States will have spent more than \$5,000,000 in going so.

Once in the prehistoric days there was in a portion of what is now Churchill County, an immense lake, known to geologists and historians as Lahontan Lake. The Reclamation Service is again forming this basin into a lake to hold the waters of the Truckee and Carson Rivers and a part of the waters of the Walker River.

The Government in 1903 built the first unit by constructing the big dam at Derby, on the Carson River, which diverts a portion of the waters of the river into the canals which are now quenching the thirst of the Churchill County farms and which will later lead the flood waters of the river into the Lahontan Lake for the additional canals to be constructed. This dam and the canals for the irrigation of about 50,000 acres of land were completed in 1908.

The Reclamation Service in 1911 commenced the second unit, the construction of the Lahontan dam. This is being built across the Carson River, 15 miles from Fallon and will form a lake having a capacity of 350,000 acre feet and the waters so impounded will be used to irrigate the remaining 150,000 acres of the Forty Mile Desert. The dam will be 800 feet long, 110 feet high, 400 feet wide at the base and 20 feet wide at the top. It will be completed this year.

The latest engineering machinery is used in the construction of the dam. Trains carry out dirt from the crete dam is being built. A big power plant was constructed on the Carson

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River. This also furnishes Fallon and nearby farms with power and light. The plant will be maintained for the operation of the various canal and dam gates, for the lighting of Fallon and furnishing power for the sugar factory and other industries there.

The Government only a few days ago completed the big cement basin which is on the side of the dam into which the aqueduct for the feeding of the canals will lead.

This work has furnished labor for hundreds of men and engineering problems for many efficient engineers. A large number of horses have been used in grading, but most of the work has been done with steam shovels, with electric cranes and with small trains.

BILLS FOR TWO STATE HIGHWAYS.

SACRAMENTO, January 23.—Two bills providing for important State highways have been introduced in the Senate, one for a road to be known as the Pioneer State road and the other as the Bakersfield-Ventura road.

The Pioneer road bill was introduced by Senator A. Caminetti of Amador and asks for an appropriation of \$50,000 to

improve the highway from Auburn to Mariposa. This road is one of the oldest in the State, and is over a route where much of the gold mined in the days of '49 was hauled to the outside. It is one of the most historic portions of the State, and with a proper road will be visited by thousands of persons every year, according to Caminetti.

Senator Lee C. Gates of Los Angeles presented a bill calling for the construction of a State highway from Bakersfield to Ventura, a distance of 129 miles. No appropriation is asked for this road.

RECORD OF THE PARCEL POST.

WASHINGTON, January 23.—The number of parcel post stamps printed and distributed up to this date is 339,500,000. Prior to January 1, when the new service was established, 153,292,455 stamps were issued. In the first three weeks of the system's operation, 186,207,545 stamps have been supplied to postoffices.

The Bureau of Engraving and Printing is being forced, in order to meet the demand, to print the stamps at the rate of 12,000,000 a day.

The total value of the parcel post stamps distributed up to this date is \$18,011,120. Chicago received 46,000,000 stamps, valued at \$2,673,000, thus leading all other cities in the country. St. Louis was second with 15,200,000 stamps, valued at \$930,000; New York City third, with 15,000,000 stamps, valued at \$770,000; Philadelphia fourth with 5,000,000 stamps with a value of \$397,000, and Boston fifth, with 3,000,000 stamps, valued at \$125,000. These five cities received \$5,200,000 stamps, with a total of \$4,895,000.

BUILDINGS AT DURHAM.

DURHAM (Butte Co.), January 23.—As soon as the weather settles, the extensive building operations already started will be resumed.

On the Stanford ranch, buildings which will cost in the neighborhood of \$15,000 have been started. Everything is in readiness for the erection of the new Southern Pacific Depot, and the material and foundation of the Pratt mansion is ready for the workmen.

OAKLAND ANTIOCH NEARLY COMPLETED.

The completion of the Oakland and Antioch tunnel, which was accomplished last week, proves an epoch in the construction of this new road. The bore, which is 3537 feet long, runs through the Oakland hills at a point two miles southeast of the old tunnel of the well-known tunnel road. It is interesting to note that it follows the line of Alameda and Contra Costa counties. While the entire system will be provided with automatic block signals, special equipment is being installed in the tunnel.

Practically all of the construction work from the west portal of the tunnel to Fortieth street and Shafter avenue is completed. From this point trains will run over the tracks of the Key Route to the ferry slips, which system will be employed in landing traffic in San Francisco. This route is over Shafter avenue to Tenescual creek, along this creek to Kohler creek canyon, and through Kohler creek canyon to the bore.

In a statement regarding the progress of the Oakland and Antioch Secretary H. A. Mitchell said: "Regular train service between Oakland and Bay Point will be installed March 1st. We could run trains on February 15th, but to assure the public of reliable service this extra time will be given in order to get the road bed in the best shape possible. Trains will be running to Sacramento not later than July 1st.

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THIS WEEK'S ILLUSTRATIONS:

City Residence For C. R. Splivalo. Designed By Architects Frye & Schastey, San Francisco.

Liverpool-London & Globe Insurance Co's. New Home. Designed By Architects Bliss & Faville, San Francisco.

Home Of The Pacific Union Club, One Of San Francisco's Finest Pieces Of Architecture. Designed By Architect Willis Polk, San Francisco.

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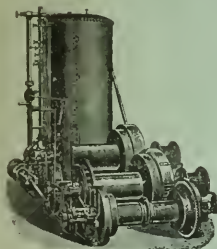
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Editorial Comment.

Construction work during the month of January in San Francisco went on with considerable vigor considering the surrounding circumstances. Recorded contracts for private work showed for brick and concrete, concrete construction and fire proof buildings a total of \$1,038,834; frame construction, \$114,339; to this may be added the contract for the Machinery Hall at the Exposition Grounds for \$472,000; and for alterations and additions to existing buildings amounting to \$132,182. In addition to this there were contracts let by the City for construction amounting to \$54,477; street and sewer work amounting to \$154,824. The State Board of Harbor Commissioners also awarded the contract for the construction of Pier 37 to the Thompson Bridge Co. for \$475,000. And a further addition may be added the contracts of the Federal Government let during the month for construction within the city limits and which amounted to \$339,334. This included the contract for the sub-treasury building awarded to Grant Fee and which amounted to \$384,300. Taking all the work for the month the contracts let amounted to \$3,141,190 which is a very good showing and indicates that a considerable amount of money is to be spent in construction work during the coming year.

To make comparisons with former years with the amount of contracts let for private work outside of city contracts and government work the following may be noted:

January, 1913	\$2,047,335
January, 1912	1,692,810
January, 1911	1,242,806
January, 1910	2,273,044
January, 1909	3,116,298
January, 1908	1,994,242
January, 1907	5,225,264
January, 1906	1,589,815
January, 1905	2,267,694
January, 1904	1,078,541

It is thus seen that the month has been an average one even for private work. It stands better than January of last year by about \$350,000. And compared with last month, or December 1912, it stands an almost even figure, the total for that month being \$2,106,235. So the month has come along with its total of over 2 millions for private contracts and another million for City, State and Government work done within the city limits gives at least an encouraging outlook for the year 1913.

The death of Judge De Haven, of the United States District Court, calls attention to the fact that an able and honest jurist need never fear recall at the hands of the people no matter how much power were given them in the

premises. While federal judges are not now a subject of recall the reputation of the judge from Humboldt County was such that he had the confidence of the entire people whom he served. He commanded the respect of all reputable attorneys and the officers of his court. He had the confidence of the people. For not only did he show ability in his office and learning in the law but above that he was courageous and honest and decided the cases that came before him with an eye single to justice and not to the service of any interest or set of men.

When such a man is on the bench, if these characteristics be known, no scheme or cabal would ever work him any serious damage. The people are collectively all right at heart. It is only under misinformation that they go wrong and we are a whole lot more liable to have a crooked judge than to have a good judge recalled.

The Chronicle comments upon a bill introduced by Assemblyman Bohnett for the purpose of establishing a school for training people for government positions and the science of government. The Chronicle is pleased to call it a school for tax eaters and intimates that the assemblyman is crazy. That may or may not be as the merits of the bill is not discussed but there is no argument in the assertion that taxes are already too high. According to the Chronicle no person in the employ of the State or Government is to be viewed in the capacity of a workman but simply as the holder of sinecure or a remittance man. This may be the Chronicle's idea of the work that the state secures. It certainly is not the correct one. The government is a big employer of labor in all capacities. There is no reason why the employees should not pass the efficiency list just as they do in private employment. As an instance of this one can take the Government Post Office. There the employees certainly give as much of their time and they return as affective work as they do in private corporations. Whether or not the school for state employees is justified is an open question but to refer to a state employee as a tax eater with the inference that he gives nothing for his salary is a libel upon most of the people who do the work. The fault of the whole matter lies in the spoils system of party government where people are appointed to jobs for the simple reason that they rendered party services and not because of any fitness for the position. In Australia and New Zealand when an officer is to be chosen for a municipality a competitive examination is held and they endeavor to secure the best qualified man for the place. Efficiency in public service is just as essential as in private life and any steps looking to improvement are to be commended.

The Chronicle states that for years the United States has led the world in the manufacture of agricultural implements, but the exports for 1912, as compiled by the Department of Commerce and Labor, reached the unprecedented total value of \$10,000,000. And this, too, under the "Iniquitous" protective tariff.

But it did not mention the fact that one can buy the same farming implements in South America about one-third cheaper than he can buy them in America where they are manufactured. It used to be a stock argument that these implements were sold in foreign markets simply as an overstock. Forty millions is too much to ascribe to an overstock and it would be interesting to know what explanation the beneficiaries of the protective tariff have to make of the high cost to American farmers of machinery that is sold for far less in foreign lands.

A Frenchman in describing the genius of Napoleon said that he was a master of infinite detail; that he almost knew the men of his army individually; and that the plans of his battles were formulated in the most painstaking manner and nothing was left to chance except that which emergency demanded. In the great undertaking of the Panama canal the Assistant Editor of the American Machinist has described its success as due to attention to detail. In the first instance he cites the detail of sanitation, the destruction of the mosquito which was the first essential step to be taken. Then with modern machinery the excavation was made possible, and by the use of concrete the great dams and locks were capable of being constructed in record time.

The peculiarity and humility of the climate have made many attentions to machinery necessary. For instance, belting must be looked after and a waterproof article provided. Recreation centers for men, congenial places for men and women and whole cities constructed with the greatest regard for sanitation.

The Panama canal is the greatest teacher that the modern contractor could have. It is construction on a gigantic scale, and it is construction with the greatest regard for cost and efficiency systems that the world has ever seen. Any contractor could learn from the methods employed in the Panama canal. It is the greatest organization of construction forces that the world has ever seen. It has cost more, and will cost more, than any other undertaking of any time. The detail of cost, the detail of machinery, and the detail of organization are the great factors that have made the Panama canal possible and have made it a success.

An American banker is said to have offered one million dollars for the secret of Dr. Friedman's cure for tuberculosis. If the German investigator has really found a serum or cure for the great white plague it is nothing more than right that he should be paid for it. For the divine enthusiasm that leads men to devote the working part of their life to the amelioration of the race should be rewarded. For often the man who has spent his life in the hardest kind of work and investigation finds himself destitute in his old age and

among the public he has served there is no one to extend a helping hand when he needs it.

The Friedman cure for consumption has attracted much attention both in Europe and in this country. Objection has been made that Dr. Friedman seeks to keep the discovery secret and in that he is unprofessional and casts a doubt upon the merit of the discovery. But the reports of investigations into the matter seem to indicate that there is merit in the discovery and at least some progress has been made in combating the ravages of the dread disease.

Too little credit is given to those scientists who toil in the laboratory or field to advance the outposts of knowledge. These are the real men who advance the world. Kings live and have their day and the world goes on without change. Great statesmen and great generals may change the political map of the world. But the man who advances human knowledge, overcomes dread disease or prolongs and makes more efficient the life of men has advanced the race for all time. These are the real giants in the realm of intellect, the real names that will live when all others are forgotten. If Dr. Friedman has really found a remedy for consumption it is well worth a million dollars or any sum that might be paid for it. His demanding it is a different thing as he seems to look upon his discovery as his private property to be used for his own benefit and reward.

Western Canada has shown a remarkable progress. Some interesting features and comparisons can be obtained from the figures of building construction during the year 1912. The returns from the principal cities are as follows:

Calgary building permits for the year total \$20,394,220, or approximately \$1,000,000 increase over 1911.

At Victoria the total was \$8,040,000, compared with \$466,000 in 1911.

The permits issued at Vancouver in 1912 reach a total of \$19,400,000, as against \$17,659,460. The largest month in the year in this report was October, when the total was \$3,597,795. The municipalities of Point Grey and South Vancouver had totals for the year of \$3,400,000 and \$2,600,000, respectively.

At Winnipeg the total for 1912 was \$20,475,350, not including permits for the Agricultural College buildings and the building in the vicinity of Transcona and at outlying points.

The value of building permits issued at Edmonton during the year amounted to \$14,446,819, compared with \$3,672,260 in 1911.

At Medicine Hat permits to the value of \$2,826,239 were issued as compared with \$743,272 in 1911.

At Nelson (B. C.) the building permits issued totalled to \$273,865.

At Moose Jaw the total for the year was \$4,411,010, while the total for 1911 was \$2,431,736.

The total for the year at Prince Albert was \$2,006,925—the total for 1911 was \$921,595, and for 1910, \$542,475.

The returns for Saskatoon for the past five years are as follows: 1908, \$115,625; 1909, \$1,002,455; 1910, \$2,817,777; 1911, \$1,920,000; 1912, \$7,628,405.

The returns from Regina for the years from 1908 to 1912, inclusive, are as follows: 1908, \$516,656; 1909, \$744,-

479; 1910, \$2,416,288; 1911, \$5,088,110; 1912, \$6,132,700.

Lethbridge shows a total of \$1,426,445, as compared with \$1,033,980 in 1911.

Brandon's 1912 total was \$1,138,514. In 1911 permits to the value of \$1,-108,129 were issued.

A bill has been introduced into the legislature to make the territory in the vicinity of Mount Tamapais a game preserve. This is a needed measure for several reasons. The mountain itself is one of the great scenic places of the world. It is at the very door of San Francisco. It not only furnishes the most splendid panoramic view in the world, but is a place for an outing and week end journey for countless numbers of trappers and nature lovers who spend their holidays in the inspiring country north of the Bay.

Of the great assets of San Francisco and the bay cities is the surrounding country and scenic places at their very doors. In view of the city and an hour's walk from the railroad stations one can come upon the wild deer in their native haunts. These places should be preserved. Deer and quail and other game should be allowed to breed undisturbed in the wild canyons that skirt the mountain and furnish ample retreat for all kinds of game. Not only that, but, if hunting is allowed around the mountain the lives of trappers are endangered during the open season. Amateur sportsmen with high power rifles are blazing away indiscriminately on the hillsides and the chances are that some one walking on the trails are more likely to be shot than the deer.

If a game preserve is provided in the canyons adjacent to the mountain it will conserve the game and the natural overflow into the grounds where hunting is allowed will allow all a better chance to enjoy a sport that is now appropriated by a few.

In the current issue of the Scientific American an interesting experiment is described in the construction of a solar engine used in Egypt in a suburb of Cairo. The engine consists of five parabolic mirrors, each about 200 feet long, so arranged and mounted that they can be rotated to face the sun at all times. In the face of these mirrors are arranged troughs covered with glass through which water is passed in a thin film and by the focused heat of the sun's rays are converted into steam. The steam is used in generating power in an engine which is used to pump water from the Nile for irrigation purposes. The work of the engine is said to have demonstrated its practicability and efficiency. The principal trouble they have had has been with the troughs, which were made of zinc, not being able to stand the heat. Steel troughs are now being made and there seems to be every prospect of success.

Since steam has been used as a motive power it has been the dream of inventors to harness the rays of the sun. In this mechanism the possibility has at least been demonstrated. Over \$100,000 has already been expended and the inventor claims that the fact has been proven that water can be pumped by this means at one-third the cost if fuel were used.

SANITATION OF BUILDINGS.

Problems in Domestic Engineering and the Answer as
Viewed By An Expert.

By Erwin L. Weber,*

From The Architect, Builder and Engineer.

*Paper read before the Victoria Chapter, British Columbia Society of Architects.

It affords me extreme pleasure to have the opportunity of addressing you this evening on the subject of Sanitation of Modern Buildings. Although sanitation deals largely with water, it is nevertheless an extremely dry subject on which to lecture; so I deemed it advisable to have several lantern slides prepared to illustrate the principles involved.

As you all know the plumbing ordinances differ considerably in various localities so that designs of sanitary equipment for eastern buildings would hardly be adequate to illustrate the principles involved in western ordinances. The slides presented are all for local installations and will serve to illustrate the requirements of local conditions. They are slides of plans prepared by me.

As my work on these buildings involved the design of the entire equipment, you will find the plans somewhat complicated as they show not only the sanitary equipment, but also the electrical and mechanical equipment for these buildings. They will also serve to show the close relation which these different items bear to each other.

Domestic Engineering.

It may not be amiss to say a few words regarding that branch of engineering work known as domestic engineering. We have learned to regard engineers as being divided into three large groups, electrical, mechanical and civil. But with the rapid modern development it has become necessary to specialize in certain portions of these divisions and numerous numerous types of engineers have developed.

The electrical field has been divided into electric railway engineers, high tension engineers, telephone engineers, telegraph engineers, illuminating engineers, etc.

The mechanical field has been divided into steam engineers, gas engineers, railway engineers, shop economist, refrigerating engineers, heating and ventilating engineers, etc.

The civil field has been divided into bridge engineers, waterworks engineers, municipal roadbed engineers, structural engineers, sanitary engineers, etc. Of all these subdivisions, the engineers which are of the greatest service to architects are the illuminating, the heating and ventilating and the sanitary engineers. So it became the custom of architects to employ such engineers to design and supervise the installation of their particular branch of the work. This system gives excellent results but has one great disadvantage, best expressed by the old adage, "Too many cooks spoil the broth."

Equipment Plans.

By having three separate equipment plans—electrical, mechanical and sanitary—prepared by three different engineers it invariably follows that the architect in checking over the various plans finds a hot air duct, a soil pipe and several runs of conduit occupying the same space; and oftentimes a beam or girder is also found in this same locality. A consultation of the architect and the three engineers follows with the result that the heating engineer insists that the hot air duct must occupy that space, the sanitary engineer will tell him that the soil pipe cannot possibly be removed and the electrical engineer insists that this is the only logical place for his conduits. The result is that the architect is placed in a rather embarrassing position in deciding which piece of apparatus should occupy the space in question and much valuable time is wasted.

Then he comes to the inter-connection of the various systems. The heating apparatus requires switches, feeders and cutout appliances for fan motors, electric driven pump hoists, etc.; and the sanitary equipment requires similar provisions for sewage ejectors, vacuum cleaners, air compressors, house pumps, etc., which must be provided for in the electrical equipment.

The sanitary equipment requires steam or electrical heaters and connections for hot water generation, steam and exhaust connections for house pumps, fire pumps, etc., all of which must be provided under other contracts.

Again the heating equipment requires numerous drains for grease traps, drip pans, heating returns, blow-off basins, etc., as well as cold and hot water supplies which must be provided for under the plumbing contract. Thus we have a great complexity of what might be termed "missing links" for which definite provisions must be made in the various contracts, and it is necessary to state definitely where each contract begins and ends and which portion of the "missing link" shall be furnished by the heating, plumbing or electrical contractors to avoid "extras" of all varieties from making their appearance.

The Domestic Engineer.

Necessity is the mother of invention. The necessity of having one man at the stern to safely pilot all the various pipes, ducts, etc., through a building to secure the proper inter-connection of all equipment, and to save time which would otherwise be wasted in numerous conferences and settlement of disputes has ushered into the field another class of engineers, known as a domestic engineer. Kindly, gentlemen, do not conflict this with a domesticated engineer. They are two different kinds of creatures.

A domestic engineer should possess the following qualifications:
He should understand the principle

and practice of that portion of electrical engineering which pertains to the illumination and miscellaneous power requirements, and the wiring of buildings for light, power, telephone, clock and other low tension services; that portion of mechanical engineering which deals with the heating and ventilation of buildings, refrigeration, elevator equipment, isolated power plants, shafting, etc., and that branch of sanitary engineering bearing upon the water supply and drainage of buildings, the disposal of garbage and refuse, gas distribution and fire protection.

He should be proficient in the proper use of language and be able to write clear and concise specifications.

A knowledge of law especially that portion pertaining to contracts is very essential. He should understand architectural details and be able to interpret structural plans and know where and how to provide openings in floor slabs and locate hangers without weakening the structure. And above all he should not have any connections or relations with contractors and not be interested in the sale or manufacture of any articles which enter into the construction of a building.

Of the various items of domestic engineering my talk tonight will bear mainly upon the sanitation of buildings.

As the dry and air carriage system of wastes is used in this country only in the removal of garbage we will confine ourselves entirely to the water carriage system of removing waste matter.

Water and Sewage.

We will not discuss water supplies and the disposal of sewage but assume that a water supply system and a sewer are available for our purposes and confine ourselves to the sanitary system within the building. The sewerage system must provide for the removal of waste water from culinary sources and bodily ablation and urine; such pipes are known as waste pipes. The pipes conveying excreta are known as soil pipes. Pipes conveying rain water are known as leaders or conductors and those conveying miscellaneous wastes as drain pipes.

Wherever surface waters abound sub-surface drainage must be provided to keep the lowest floor of the building dry as well as to prevent the formation of an hydraulic head under the floor as such would result in breaking the floor from below and permit an inflow of surface waters. The disposal of such waters is best accomplished by laying field tiles with open joints in a gravel bed upon which the floor is laid and running these drain lines to a basin. The discharge pipe from this basin should dip down below the basin water level and be vented on the sewer side. The basin thus becomes a large pot trap.

Regarding the size of pipes: It has been the practice to make all sewer-

are placed entirely too large and the outlets from fixtures too small. In old cities we often find a lavatory with a slender outlet with the equivalent area of a 3/4-inch pipe discharge into a 2-inch waste pipe. Such an installation causes the water to run slowly or rather to dribble through the waste pipe. Advance practice is to provide fixtures with large waste outlets and connect them to comparatively small waste pipes.

This practice insures a strong flush of the waste pipe every time the fixture is discharged and prevents the collection of solid waste matter to the side of the pipes.

Many plumbing ordinances now permit 3-inch connections to water closets and it is not uncommon to find 100 or so and it is not uncommon to find 100 or pipe with a surprising decrease in the frequency of obstructions occurring in the system.

As all these various fixtures are connected to the sewer some provision must be made to prevent the sewer air from entering the building. Many devices known as traps have been designed for this purpose. The most effective are those which provide a water seal between the drain pipe and the fixture. The maintenance of this water seal has been the cause of the bewildering nightmare of complications which is required by most plumbing ordinances.

House Trap Is Costly.

The compulsory use of a house trap is one of the most illogical requirements of many ordinances. It is not only a very costly piece of apparatus, but it prevents the use of the most efficient system of sewer ventilation known, that of ventilating the sewer through the drain pipes of each building. The thorough sewer ventilation thus secured prevents putridative decomposition in the sewer and makes sewer air less objectionable.

Pathogenic germs cannot pass from the sewer through the house pipes as they adhere to the moist surfaces of the same and die before they have wandered many feet away from the sewer. Traps may lose their seals from various causes, principally syphonage, back pressure, evaporation and capillarity. A body of water flowing down a stack draws air after it and a partial vacuum in the piping system. This vacuum is sufficient to draw the water out of traps unless some provision is made to supply air between the stack and the trap. Hence the use of the back vent pipe. This same body of water flowing down the stack will force a volume of air before it, which in its endeavor to escape may blow the seal out of a trap. This phenomenon does not become dangerous unless the stack is very high and the body of water has a high velocity of flow.

Evaporation occurs in dry seasons, due to air passing over the seal of the trap, and under conditions favorable to evaporation, traps may lose their seal in four days or less. Threads, lint or hair lying in a trap will act like a wick and drain the trap of its seal by capillary action.

It is the endeavor of sanitation to devise a trap which will not lose its seal through these various causes, will not require a vent pipe, and at the same time be self-cleaning. Much progress has been made along these lines and many cities now permit the

use of anti-syphon traps without the use of vent pipes.

We will leave the subject of traps, as the discussion of same requires volumes.

The discussion of hot and cold water supply systems is best taken up in connection with the slides.

Fire Protection.

Regarding fire protection systems, when an army is in the field the supply train is always in the line of retreat. Stand pipes should be similarly located, that is on the fire escape. Interior stand pipes and hose are of little value in fighting a fire; but are of great value in checking a fire in its beginning, and are, therefore, best located in a central position where they are quickly reached from any part of the building. Vacuum cleaning outlets are advantageously located in the same position.

The question often arises whether to use cast iron pipe with calked joints or wrought iron pipe with recessed drainage fittings, known as the Durham system. This depends upon a large number of conditions. In general it may be said, that for fireproof buildings the Durham system is best applied as it does not need such frequent anchoring and is less liable to leak.

In frame construction and for small buildings cast iron pipe is somewhat preferable as the lead joints are more flexible and water closets are not liable to be raised above the floor level when the building shrinks.

Regarding cost: If the installation has many fittings and short pipe runs the cast iron is usually cheaper; but if the fittings are few and the runs are long the Durham system costs less.

This is due to the higher cost of screwed fittings on the one side and the higher cost of continuous runs of pipe with calked joints on the other side.

ORGANIZATION THE BASIS OF INDIVIDUAL SUCCESS.

By Herbert Scates, in The Construction Record.

Organization is the "Shibboleth" of our day. The master minds are placing themselves in the midst of forces that are moving the world onward, but they are supplementing themselves with the assistance of other men and minds. In short, they are organizers. Combination, association, federation, etc., are the magic words of our modern financial, political and industrial world. It requires power to do things that are worth doing. In unity there is power. The very texture of modern civilization is the story of associating forces for a common end. The old days of the individualist are gone. The socializing of forces is the characteristic feature of business today. Not only the large enterprises, but the small businesses depend for their success upon organization more today than ever before in the annals of time.

Of prehistoric man we know but little other than that furnished by scientists, but from the very dawn of history we perceive the value of organization in promoting civilization by protecting the accumulation and achievements of the thrifty and industrious. Organization is co-existent with progress. Without it no project

of any magnitude can succeed.

Trade organizations have for their private idea the betterment of man's condition materially, but they do not altogether divorce him from advancement in things connected with his intellectual evolution. Intelligent organization must have for its inspiration the establishment of that brotherhood of man which yearns for higher ideals and the recognition of man's dependence one upon the other, insuring his mutual protection and security. The world's history from the creation down to the present day is proof that organization is the basis of success; not alone in the individual, but for the home, the state, the church; in fact, every department of our governmental and business existence.

It has long since been accepted as beyond question, a recognized fact, that it does not conduce to good order to allow each man to do as may seem best to him in his own mind. Unity of action must exist. Our own National Government, of which we are so justly proud, is a lesson in organization. The individual can do but little; the state is mighty, but a confederation of the states is all powerful, and so in local organization the assembling and mutualizing of the individual interests by association and co-operation, the concentration of individual effort, the distribution of responsibilities and the furnishing to the units of organization the combined information of all, must be productive of practical benefits.

The efficiency of organization depends upon recognition and the acceptance of an individual responsibility by its members to prescribe rules and laws, a loyalty to certain objects, and an appreciation of the fact that a distribution of benefits cannot be accomplished through any rule of law based upon the selfish purposes of individuals.

There is no place in the councils of a live business organization for the narrow-minded man. The narrow man who becomes a factor in an organization will soon show evidences of expansion. The all wise man will soon realize his limitation, and all members, through a more just appreciation of their associates, will feel the momentum of tested ways and means. In proof that organization is the basis of individual success, in the last analysis we must agree that all members' interests are mutual in at least one thing, namely, the success of the organization itself. So, then, the interests of the wholesaler, the retailer, the general and sub-contractors are conserved, inasmuch as the success of one is dependent upon the success of the other. They are simply spokes in the wheels of progressive, effective organization, which means the pooling of the intelligence, the patriotism, the sentiment, the ideals, the energy and the influence of progressive people whose interests and environments are mutual.

The more progressive and broad-gauged an organization, the greater its usefulness. Organization itself needs to be improved and perfected, as experience discloses the futility of some old methods and the necessity of adopting new.

In closing, let me advise that you sow the seeds of confidence, co-operation, and reciprocity in the fertile soil of harmonious association, that your harvest may be rich in that human

interest which will distribute abundant benefits, producing an organization that will be the basis of individual success.

APPLICATION OF TILE TO CONCRETE.

By John Wynkoop.

The intensely practical advantages of concrete have so impressed themselves upon the public that there is no longer any question as to its use from that point of view. The beauty and treatment of concrete surfaces, because of this utilitarian development, have not received the important study warranted by the nature of the material. A few authorities advocate leaving concrete surfaces just as they are when the rough forms are removed. However, meritorious this may be, the majority of architects look upon concrete as a material which from its very nature gives a most extended opportunity in surface decoration and color. Architecture in stone is essentially dependent upon architectural lines—shade and shadow—whereas architecture in brick or concrete is dependent upon the actual treatment of their surfaces for their character and effect.

From this viewpoint, which is that of the majority of architects, any material enriching the surface of a concrete wall without interfering with its structural strength is possible and worthy of consideration. Of stone, brick pigments and tile, the latter is, undoubtedly, best adaptable because of its beauty and extreme simplicity in application. In France, Italy and America, the application of tile to concrete surfaces has been considerably exploited, so that many actual examples exist upon which to base an opinion as to the effect produced. From these and from the general principles of design involved, it may be seen that extreme accuracy of tile setting as we know the material in general use is harmful to fine effects and not to be desired. Concrete, especially for exterior use should be sufficiently rough and uneven to insure artistic surface modelling when seen from a considerable distance. This necessitates a free and varied treatment of any tile applied to it, both as to setting and as to coloring. The color of the concrete itself, in the main, determines the color scheme of such tiles as are applied to it. Rough and deeply colored tiles are found to blend most easily with the rough surface of the concrete, although it can easily be imagined how certain bands or spots in tile could be both highly colored and finished to bring out accents sought after by the designer.

Especially in country house work the application of tile must be concentrated largely because of the costliness of entirely covering the concrete. As a matter of effect, from an artist's point of view, what a concrete surface needs is contrast with some material which is more refined and decorative than itself. Panels, band courses or scattered designs in tiles so long as they do not become all-over patterns, seem particularly advisable in this kind of work. As much depends upon concentrating this decoration as does upon an intelligent se-

lection of colors and an artistic placing of the individual tiles. Without doubt there can be no limit to the way in which tile employed in this way may be treated. Practically any size and shape, any color, any surface are being manufactured continually, and along with this molding and special colors and combinations may be obtained, provided the manufacturer considers the amount to be ordered as warranting him to produce special ideas in this way.

In fact, a rather new and certainly delightful avenue of designs has been opened to the architect by the increasing prominence of concrete and its allied arts and materials. *Mantel Monthly*

MEXICAN BUSINESS NOTES.

New buoy.—Tests are to be made at Vera Cruz of a new boat buoy which carries a lamp at an elevation of 29 feet from the water's surface, giving it a range of 7 to 8 miles. The first of these boat buoys will be placed near the Pajaros Reef.

Water concession.—A company organized in Michoacan by Georges Pinzon, of French nationality, has received a concession from the Department of Fomento granting the right to use 20,000 liters of water per second from the Zitacuaro River.

Towns of Mexico.—The Bureau of Statistics in Mexico City is issuing free to applicants a list of the towns of the Republic with the number of inhabitants. The data for the States of Colima, Aguascalientes, and Morelos has been completed and the work on the other States is progressing rapidly.

Telegraph and Telephone lines.—The Department of Communications has issued a decree that projected private telegraph and telephone lines may be constructed only on approval of the department, and that in case of necessity the Government has the right to take possession of such private lines for its own uses without the payment of indemnity.

Customs returns.—Collections at the customhouses of the Republic during December amounted to \$2,617,500, the largest sum ever collected in a single month. For November the collections were \$2,268,000, and for October \$1,998,000. From July to December, 1912, the total collections were \$12,500,000, against \$10,700,000 for the same period in 1911.

Tropic productions.—Reports from the Territory of Tepic on the agricultural production during the past year state that the corn crop amounted to more than 48,000,000 kilos, worth \$900,000; sugar cane, 5,500,000 kilos, worth \$140,000; forage, 3,750,000 kilos, worth \$168,000. Other products including cotton, chili, and bananas for export were valued at \$2,350,000.

A GREAT CANAL RECORD.

Last year there passed through the "Soo" canal, connecting Lakes Superior and Huron, 72,500,000 tons of freight in 20,000 cargoes. This is not only the greatest record of the canal, but for any in the world. The Suez canal is by far the largest in length, cost and traffic of any of those concerned in ocean-going trade, but its traffic three years ago was less than 16,000,000 tons.

If it were possible to assure the Pan-

ama canal any such business as that at the Soo its cost would be repaid in a few years at the toll rates which have been promulgated. Of course, nothing of the sort is expected. The Soo canal derives its importance from the fact that it connects the great wheat fields of the Great Lakes, and the return cargoes of coal and merchandise are heavy. The growth of this traffic in recent years has been extraordinary, and for 1912 the increase was almost 40 per cent over 1911.

It is a humiliating fact that the shipping of our Great Lakes is alone of a size which conforms to the wealth and dignity of this Nation. Only about 8 per cent of our foreign commerce is borne in American bottoms, and it has been decreasing steadily for many years. No foreign ships may engage in the coastwise trade, but the latter is not nearly so large as might be supposed, owing to the cheapness of railway transportation. It was to give this branch of our shipping a chance to develop that Congress made in its favor the Panama canal toll exemption which Great Britain opposes and which we are asked to arbitrate.

That American energy, constructive ability and seamanship are advanced to the best rank is shown by the prosperity of the shipping industry on the Great Lakes. It could be advanced on all the seven seas if Congress would provide legislation by which it would be possible to meet the competition of ships built at low prices and navigated at a cost impossible by Americans.—*Philadelphia Inquirer*.

ABOUT AMERICAN PRESIDENTS.

There have been to date twenty-seven Presidents of the United States. Nineteen of them were lawyers when elected, one was a planter, one a farmer, two were statesmen, two were soldiers and one was a "public official."

In early life Washington was a surveyor; John Adams, Garfield, Arthur and Cleveland were teachers; Fillmore and Johnson were tailors; Lincoln was a farm hand and Roosevelt a publicist.

Seventeen of the Presidents were college bred or university men—the Adamses and Roosevelt at Harvard, Jefferson, Monroe and Tyler at Williams and Mary College, Madison at Princeton, William Henry Harrison at Hampden-Sidney, Polk at the University of North Carolina, Pierce at Bowdoin, Buchanan at Dickinson, Grant at West Point, Hayes at Kenyon, Garfield at Williams, Arthur at Union, Benjamin Harrison at Miami University and Taft at Yale. Washington, Jackson, Van Buren, Taylor, Fillmore, Lincoln, Johnson, Cleveland and McKinley had no college training.

Five of the Presidents were educated in Southern colleges. Nine of the Presidents were born in Virginia, two in North Carolina, one in South Carolina, two in Massachusetts, three in New York, one in New Hampshire, one in Pennsylvania, six in Ohio, one in Vermont and one in New Jersey.

Another score will have to be added now to the list for Virginia, and another also to the number of Presidents educated in Southern colleges.—*Philadelphia Evening Telegraph*.

Firms dealing news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES—

SAN FRANCISCO—Apartment house, 5 story and base, Class C construction, \$175,000. Architect, Creighton Withers, SW Powell and California Sts., S. F. Owner, L. H. Sly. This building will be erected on a full Fifty Vara lot recently purchased by Mr. Sly at the southwest corner of Post and Leavenworth streets. Plans are complete and show a building covering the entire holding, with the exception of light court and yard space. Interior will be arranged for a total of 300 guest rooms, divided into two and three room suites with baths and private entrances. Interior will be finished in pine and redwood with some oak and ornamental plaster in the reception hall. There will be steam heat, elevator service and wall beds. A vacuum cleaning system will also be installed. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$5,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected south of Market street and will be arranged for two and three room suites. All interior finish will be of pine. The exterior of the building will be covered with rustic and shiplap. A central heating system will be installed, and all rooms will be supplied with hot water. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, Walter King, Elks' Bldg., Stockton. Owner, George Smith. The building will be arranged for a number of two and three room suites with bath and wall beds. Interior finish will be of pine and redwood. Furnace heat will be installed. Considerable marble and tile will be used. The exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

WATSONVILLE, SANTA CRUZ CO., CAL.—Apartment house, 2 story and base, brick and concrete, \$15,000. Architect, W. H. Weeks, 75 Post St., S. F. Owner, J. H. Jensen. The building will be arranged for a store on the first floor and modern two and three room apartments on the upper floors. A central heating system will be installed. Interior will be finished in pine and redwood. Some oak floors will be used. There will be private baths and wall beds. Bath rooms will be finished in tile. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 5 story and base, reinforced concrete. Cost not stated. Architects, King & Taylor, Consolidated Realty Bldg., L. A. Owner, T. J. Douglas. The building will cover an area of 55x144 feet and has been arranged for 133 guest rooms. Apartments will consist of two and three rooms each with wall beds and private baths. Interior will

be finished in pine and imitation of mahogany or birch with tile and marble in the entrance. There will be steam heat, elevator service and a vacuum cleaning system. Floors will be of concrete slabs. Bath rooms will have cement floors and the wainscot. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 6 story and base, reinforced concrete, \$55,000. Architect, David Salfeld, Clunie Bldg., S. F. Owner, F. J. Klimm. This building has been mentioned here before. Revised plans have now been completed and figures are being taken by the architect. The structure will be erected in the north line of Ellis street near Leavenworth, and when completed will be one of the most modern apartment houses in the city. Suites will be arranged in two and three rooms each with private baths and wall beds. Interior finish will be of pine, redwood and hardwoods. Ornamental plaster will be used in the entrance and lobby. There will be steam heat, elevator service and a vacuum cleaning plant. The exterior of the building will be faced with pressed brick.

SAN FRANCISCO—Apartment house, 6 story and base, Class A construction, \$110,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Trowbridge and Perkins. The apartment house will be erected in the south line of Sutter street west of Mason and will cover nearly a Fifty Vara lot. Construction will be Class A throughout with a steel frame and exterior walls faced with pressed brick. Interior will be arranged in two, three and four room suites with wall beds, private baths and all other modern conveniences. There will be steam heat, elevator service and a vacuum cleaning system. Interior partitions will be of hollow tile. Plans are being prepared.

SAN FRANCISCO—Apartment house, 6 story and base, Class C construction, \$150,000. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Schmiedell Estate. The building will occupy a full Fifty Vara lot at the southeast corner of Post and Leavenworth streets. Only preliminary plans for the building have so far been prepared and details are not available. Suites will probably be arranged in two and three room apartments. All of the latest improvements will be provided for including wall beds and vacuum cleaning. There will be steam heat and elevator service. The exterior of the building will probably be faced with pressed brick. Working drawings are to be completed as rapidly as possible.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$25,000 or more. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. Preliminary plans for one of the most modern apartment house structures in Berkeley are being

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prepared and complete information will be published later. Suites will be of the two and three room type and there will probably be in the neighborhood of 14 to 20 contained in the building. Details of construction can not be given until the working drawings are started.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, W. Paden. The building will contain 110 rooms, which are to be arranged in two and three room suites. All suites will have wall beds and connecting baths. Plans also provide for steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and some hardwood. Ornamental plaster will be used in the lobby and reception rooms. Bath rooms will be finished in tile and will have cement floors. The exterior of the apartment house will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, Fielder Stingluff, Security Bldg., L. A. Owner, F. D. Turner. The building is to cover an area of 49x140 feet and has been arranged to contain 54 guest rooms, lobby and parlors. Suites will consist of two and three rooms each. All apartments will have wall beds and private baths. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile. Considerable marble and tile will be used in the entrance vestibule and lobby. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

PORTLAND, ORE.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, none. Owner, J. D. Wharton. A well known contractor, R. E. Waxeell, is handling the project and will erect the building. The building will be 50x100 feet and will be in the nature of an addition to the present four-story apartment house known as the Melchior. There will be a total of 50 apartments of the two and three room type. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwoods. The exterior of the building will be faced with pressed brick. Sub-bids will be called for as soon as plans can be completed.

BANKS.**Contracts Awarded.**

OCEAN PARK, LOS ANGELES CO., CAL.—Bank, 2 story and base, brick, \$20,000. Architects, Ye Phany Building Co., Title Insurance Bldg., L. A. Owners, Merchants' Commercial and Savings Bank. Contractor, S. W. Bryant, 308 Hill St., Santa Monica. Contract price, \$19,982.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Warehouse, 6 story and base, reinforced concrete, \$60,000. Architect, Robert Brown, 115 10th Ave., Seattle. Owner, George A. Smith. While plans have been prepared for a six-story structure only three stories will be erected at this time. This work has been estimated to cost \$45,000. Plans provide for an eight-ton elevator. No interior finish will be used. The exterior of the building will be faced with cement plaster. There will be metal window sash, frames and fireproof doors. An automatic sprinkler system will be installed. Plans are being prepared.

LOS ANGELES, CAL.—Warehouse, 6 story and base. Class A construction. Cost not stated. Architect, E. T. Flaherty, 1 W. Hellman Bldg., L. A. Owners, Bekin Van and Storage Co. The building will be 74x90 feet and of the reinforced concrete type, including the walls, floors and roof. Interior partitions will be of hollow tile. There will be metal window sash and frames and fireproof doors. An automatic sprinkler system will be installed. A heavy freight elevator is specified. The exterior of the building will be faced with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

SEATTLE, WASH.—Factory, 5 story and base, reinforced concrete. Cost not stated. Architect, John Graham, Lyon Bldg., Seattle. Owners, Ford Motor Car Co. The company has sold the original site purchased last year and have bought on Roy and Valley streets. The new site has an area of 92,760 square feet, considerably more than the former location. Plans will be revised to meet the new requirements, and the building will be erected as soon as possible. Construction will be fireproof. The estimated cost of the building planned for the former site was placed at \$350,000 and this structure will be even more.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, James Elliott, 261 4th Ave., S. F. The building is to be erected on a lot 27½x56 feet, and has been arranged for two modern flats of five and six rooms each. All interior finish will be of pine or redwood. Some oak flooring will be used. There will be open fire places and tile mantels. Bath rooms will also be finished in tile. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000 Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Paul de Bernardi. The building will be erected on Stockton near Greenwich

street and has been arranged to contain three flats of five and six rooms each. Interior finish will be of pine and redwood. There will be both open fire places and gas grates. Mantels will be of brick. The exterior of the building will be covered with brick veneer to the first floor line and with rustic above that point. Plans are complete and a contract will be let at once.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, Ferdinand Elvin, 1115 6th Ave., S. F. The building will cover an area of 25x46 feet and is arranged for two flats of five and six rooms each with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be open fire places and brick or tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will go the work by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame. Cost not stated. Architect, John J. Foley, Menadnock Bldg., S. F. Owner's name withheld. The building will be erected on Laguna and Cedar streets and will be arranged to contain three flats of five rooms and bath each. Interiors will be finished in tile. There will be open fire places and brick or tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats and store, 3 story and base, frame, \$6,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mrs. N. A. Gosliner. The building is to be erected at the corner of Francisco and Grant avenue, and will be arranged for one store on the first floor and four apartment flats of three rooms each on the upper two floors. Interior will be finished in pine throughout. Gas grates and tile mantels will be used. The exterior of the building will be covered with shiplap and rustic. Plans are complete and figures have been taken. A contract will be awarded within a day or two.

GARAGES.

OAKLAND, CAL.—Garage, 1 story and base, frame. Cost not stated. Architect, none. Owners, City of Oakland. Plans for an additional garage to be erected in the Corporation Yards are complete and figures have been advertised for. Bids will be opened on February 6th. Plans and specifications can be secured from the City Clerk. Work is to be done under the direction of the Superintendent of Streets. The official proposal appears in another column of this issue.

HEPPNER, ORE.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owner, S. P. Garrigue. The building has been designed for a commercial garage and will cover an area of 43x100 feet. The floor will be of concrete. Special gasoline storage tanks are provided. Interior of the front portion of the building, which is to be used as a salesroom, will be finished in pine and hardwood. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Garage, 2 story and base, brick and steel. Cost not stated. Architects, Morgan, Wallis

& Morgan, Story Bldg., L. A. Owner, J. A. Graves. The building will cover a ground area of 85x150 feet, and has been designed for a commercial garage and salesroom. The first floor will be of cement except in the salesrooms where a tile floor is to be used. There will be copper window sash and frames, hardwood and pine trim and special gasoline storage tanks. The exterior of the building will be faced with pressed brick. Plans are being prepared for the work and contracts will be let within a few days.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 story and base, brick and concrete. Cost not stated. Architects, Architectural Designing Co., L. A. Owner, R. L. Kihbro. Contractor, J. E. Crough, 1211 West 39th St., L. A. Note: The contract has been taken on a percentage basis. The building will be 40x70 feet.

GOVERNMENT WORK AND SUPPLIES.**Roosevelt-Mesa Transmission Line.**

The Secretary of the Interior has awarded contract to the Chicago Steel Products Co., of Chicago, Ill., for furnishing steel tower tops and structural material for the reconstruction of the Roosevelt-Mesa transmission line, Salt River irrigation project, Ariz., at a total cost of \$225,569, f. o. b. cars Chicago. The change is made to give increased efficiency to the service, the new line to be constructed on the suspension plan. Contracts have also been awarded for the line material necessary to effect the change. Items 1, 2, 3 and 4 for insulators and suspension clamps have been awarded to Pierson, Roeding & Co., of San Francisco, Cal., at a total cost of \$10,160 and to John A. Roehling's Sons Co., of California, San Francisco, Cal., for items 5, 7, 10, 13, 14, and 16, covering guy clamps, thimbles, connectors, telephone wire, steel ground wire and guy wire at a total cost of \$7,200.

Salt River Indian School.

The Commissioner of Indian Affairs, Washington, D. C., has awarded to Borchers & Olin, of Phoenix, Ariz., the contract for constructing a brick school house at the Salt River Indian School, Ariz., at \$7,559.

Mare Island, Cal., Magazine.

The contract for the construction of a magazine at the U. S. navy yard, Mare Island, Cal., bids for which were opened January 11, has been awarded to Gutleben Bros., San Francisco, Cal., at \$8,450.

Likely Indian School, Cal.

J. A. Hunt, of Fort Bidwell, Cal., has been awarded the contract by the Commissioner of Indian Affairs, Washington, D. C., for the construction of a frame day school building at the Likely Indian Day School, Cal., bids for which were opened January 4 at \$1,875.

San Francisco, Cal., Stone Work.

Grant Pee, San Francisco, Cal., has been awarded the contract for making certain repairs to the stone work in connection with the U. S. Mint, San Francisco, Cal., at \$1,985.

Reclamation Work.

The following proposals were received at Malta, Mont., January 10 for earthwork on the Dodson North Canal, Mlla River project, Mont., specifications No. 222.

Bid 1. Maney Bros. & Co. by H. G. Wells, Boise, Idaho.

2. Carlson, Chindahl & Co., Spokane, Wash.

Schedule 2.

Class 1. 200,000 cubic yards excavation—Bid 1, 24c; 2, 29c.

Class 2. 5,000 cubic yards excavation—Bid 1, 50c; 2, 10c.

Class 3. 500 cubic yards excavation—Bid 1, 75c; 2, \$1.

10,000 cubic yards of overhaul—Bid 1, 2c; 2, 2c.

Total—Bid 1, \$51,075; 2, \$60,700.

Plumbing Fixtures, Presidio, San Francisco, Cal.

All bids received December 23 by the depot quartermaster, Presidio, San Francisco, Cal. for installing plumbing fixtures in building No. 37 have been rejected. The quartermaster has been directed to purchase the material in the open market and perform the work by day's labor.

West Canal Extension.

The Secretary of the Interior has awarded contract to John Palmgren and copartners for the construction of schedule 2, West Canal extension, Uncompahgre Valley irrigation project, Colo. The work involves the excavation of 7,600 cubic yards of material, 800 feet of tunnel, and 10,000 feet, B. M., of timbering. Contract price is \$11,390.

HALLS AND SOCIETY BUILDINGS.

ORLAND, GLENN CO., CAL.—Lodge hall, 3 story and base, reinforced concrete, \$25,000. Architect, C. L. Stiles Berkeley. Owners, Masonic Hall Association of Orland. The building will be 90x40 feet, and has been arranged for a bank on the first floor and lodge rooms, offices and a banquet hall on the two upper floors. A novel feature provided for in the plans is the heating of the entire building by electricity. The exterior of the building will be faced with cement plaster and cut stone trimming. Interior finish will be of pine, redwood and hardwood. Plans are complete and figures are being taken.

SANTA ROSA, SONOMA CO., CAL.—City hall and jail, 2 story and base, brick and steel. Cost not stated. Architect, L. M. Turton, Napa. Owners, City of Santa Rosa. This work has been mentioned here before when Architect Turton's plans were selected in competition with a number of other architects. Bids are now being called for on the work and will be opened on February 18th. The official proposal appears in this issue. Bids will be taken on the work as a whole, for the structural steel, cell work, return hot water heating system and vault work.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Association building, 3 story and base, brick and steel, \$50,000. Architect, E. Russell Ray, associated with Winsor Soule, Santa Barbara. Owners, Young Men's Christian Association. The structure will be 120x91 feet, with concrete foundation and basement, plaster exterior over brick,

steel beams and columns, and composition roof. The first floor will contain a large lobby finished in marble and tile, offices, library and game room, with hardwood floors and oak finish. Thirty bedrooms, with baths, wash rooms and two class rooms will occupy the second floor. The basement will contain a gymnasium, 55x70 feet, with spectators' gallery, a training room 18x35 feet, plunge with glazed tile lining, shower baths, toilets, and a steam heating plant. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for before the middle of February.

PASADENA, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick, \$35,000. Architects, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owners, Odd Fellows Temple Association. The proposed building is to cover an area of 50x98 feet and will contain banquet room and kitchen in the basement, stores on the main floor and lodge halls, library and offices on the second and third floors. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared and effort made to raise sufficient funds for the construction.

ST. HELENS, ORE.—Lodge hall, 3 story and base, brick and concrete, \$25,000. Architect, E. Kroner, Worcester Bldg., Portland. Owners, St. Helens Masonic Temple Association. The building will be arranged for stores on the first floor and lodge halls, offices and a large banquet room on the two upper floors. There will be steam heat. Interior finish will be of pine and hardwoods. Plans have been out for figures before but bids ran too high and revision was necessary. This work has been completed and new figures are to be taken at once.

—HOSPITALS—

STOCKTON, SAN JOAQUIN CO., CAL.—Hospital fire protection system. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Plans for the installation of a complete fire protection system at the State Hospital at Stockton are complete and figures are being taken. Bids will be opened by the State Board of Control in Sacramento on February 24th. Plans and specifications can be secured from the State Department of Engineering.

FRESNO, FRESNO CO., CAL.—Hospital, 2 story and base, steel and concrete. Cost not stated. Architects, Starbuck & Clark, Fresno. Owner, Dr. Sample. The building will cover an area of 150x150 feet. Interior has been arranged for a number of private rooms, two wards, surgical and operating rooms and business office. Interior will be finished in pine and hardwoods with considerable tile and marble. There will be a central heating system and a number of special mechanical features. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hospital, 3 story and base, reinforced concrete. Cost not stated. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, Westlake Hospital Association. Bids for this work have been received and

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taken under advisement. All figures were somewhat in excess of the amount available, but the owners will probably make arrangements to let contracts on the present plans. The lowest bid was presented by Charles G. Ross, Grosse Bldg., and he will probably be awarded the work.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, brick and steel, \$30,000. Architect, Joseph Cahen, 45 Kearny St., S. P. Owner, Mr. Kemp. The building will be erected on 3rd street, near Polson, and will be arranged for stores on the first floor and lodgings above. A central heating system will be installed and hot and cold water will be supplied to all rooms. Interior finish will be of pine throughout. The exterior of the building will be faced with cement plaster. Plans are now being prepared for the work and figures will be called for shortly.

SAN FRANCISCO—Hotel, 14 story and base. Class A construction, \$550,000. Architect, G. A. Applegarth, Call Bldg., S. P. Owners, Clift Estate. This work has been mentioned here a number of times before when the plans were in the preliminary stage. The owners have recently acquired an additional piece of property, which now gives them a full Fifty Vara lot, and they have decided to increase the height of their building to 14 stories. Construction will be of steel and reinforced concrete, with a complete steel frame, concrete exterior walls, roof slabs, floors and interior partitions. The hotel will contain a total of 300 rooms and baths besides the main lobby, entrance and office. There will be a steam heating system with oil burning plant, elevators and a vacuum cleaning plant. Interior finish will be of hardwood, metal and tile. Bath rooms will be finished in tile and cement. Office and lobby will be handsomely finished in hardwoods and ornamental plaster. The exterior of the building will be faced with cement plaster. Steel plans are now complete and figures will be called for at once. The balance of the work will be out for figures within a few weeks.

SAN FRANCISCO—Hotel addition, 7 story and base. Class A construction. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. P. Owner, Charles and Margaret Stewart. The building will be erected on a lot adjoining the present Stewart Hotel, and will be similar in

architectural design and interior arrangement. The new addition will add a total of 150 rooms and baths to the present hotel. There will be a steel frame and exterior walls of artificial stone. Interior partitions will be of tile. There will be elevator service, steam heat from the present plant and a vacuum cleaning system. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 3 story and base, brick, \$15,000. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Gong L. Toy. This building will be similar to a number of other hotel and commercial buildings recently designed for San Francisco's Chinatown by the same architects. The new structure will contain about 25 rooms and several baths. Interior finish will be of pine throughout. The entire structure will be occupied by the hotel. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Hotel, 5 story and base. Class C construction. Cost not stated. Architect, August Nordin, Mills Bldg., S. F. Owners, Thomas O'Day and James McLaughlin. The building will be erected in the south line of O'Farrell street and will have a frontage of 46 feet and a depth of 90 feet. The first floor will contain, besides the hotel lobby and offices, two modern stores. Upper floors will be divided into about 90 rooms and baths. Interior finish will be of pine and redwood with some oak and ornamental plaster in the lobby. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Hotel, 4 story and base. Class C construction. \$90,000. Architect, August Nordin, Mills Bldg., S. F. Owners, Franklin Realty Co. This building is to be erected on O'Farrell street near Larkin, and will contain about 120 rooms and baths. The first floor will be arranged for a large and attractive hotel lobby, offices and reception rooms. The building will be heated by steam. There will be elevator service and a vacuum cleaning plant. Interior finish will be of pine, redwood and hardwoods. Bath rooms will be finished in tile. The exterior of the structure will be faced with pressed brick. Plans are being completed as rapidly as possible and figures will be called for within a few days.

LOS ANGELES, CAL. — Hotel, 12 story and base. Class A construction. \$400,000. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Local Syndicate Hotel. This project is being promoted by R. T. McMillen, 233 Consolidated Realty Bldg., who has secured a long term lease on property on Spring street between 4th and 5th streets. The site has a frontage of 60 feet and a depth of 160 feet. Only preliminary plans have been prepared, but these show a building covering the entire area and containing a total of 250 guest rooms. No further details of the construction can be given at this time. Notice will be made in these columns from time to time as the work progresses.

OCEAN PARK, LOS ANGELES CO., CAL.—Hotel, 6 story and base, rein-

forced concrete, \$50,000. Architect's name not given. Owners, Stineman & Kramer, Ocean Park. All bids received for this work have been rejected and plans will be revised. Hugo Eckert was the lowest bidder on the general construction at \$11,010. New bids will be called for by the owners within a few days.

Contracts Awarded.

LOS ANGELES, CAL. — Hotel, 3 story and base, brick, \$30,000. Architect, none. Owner, Mrs. Hannah W. Baker. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$30,000.

LOS ANGELES, CAL. — Hotel, 5 story and base. Class B construction. \$45,000. Architect, none. Owner, Adolph Schwartz. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$45,000.

RAILROAD CONST., STATIONS STATIONS AND EQUIPMENT.

SEATTLE, WASH. — Freight and passenger stations, 1 and 2 story and base, brick and steel, \$60,000 and \$50,000. Architect's name not given. Owners, Northern Pacific Railroad Co., Seattle. The freight depot will be built on Terry avenue and will be two stories high and cover an area of 30x300 feet. The passenger station is to be erected on Fremont avenue and will be one story high and cover an area of 60x170 feet. The passenger station will have a pine and hardwood interior trim, a central heating system and other special features. The exterior of both buildings will be faced with brick. Plans are complete and figures are being taken.

RESIDENCES.

SAN FRANCISCO — Residence, 1½ story and base, frame, \$2,000. Architect, none. Owner, A. R. Larson, 282 Dolores St., S. F. The dwelling will contain 6 rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the dining and living rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble. This dwelling will be erected on 14th avenue, near California street, and will be similar to a number of other houses designed by the same architect for Mr. Scoble, who is a well known builder. Interior finish will be of pine, redwood and some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of brick. Oak floors will be used in the principal rooms. Bath room will be finished in tile. Tile will also be used in the kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,300. Architect,

none. Owner, William Olsen, 646 Fillmore St., S. F. The house has been designed for a six-room dwelling with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Isidor Rosenberg. The house, which has been designed for an eight-room dwelling will be erected on Commonwealth avenue near Euclid. There will be pine and redwood trim. Open fire places will be a feature of the living and dining rooms. There will be brick mantels. An automatic water heater will be used. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble. This dwelling will be erected on 14th avenue, and will contain seven rooms and bath. Interior finish will be of pine and redwood with some elm veneer. Oak floors will be used throughout. There will be open fire places and brick mantels. An automatic water heater will be installed. The bath room will be finished in tile. The exterior of the dwelling will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, C. E. Carlson, 1512 Grove St., Berkeley. The house has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, C. E. Carlson, 1512 Grove St., Berkeley. The house has been designed for a seven-room dwelling with bath. Interior finish will be of pine, redwood and elm veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and brick mantels. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architect, none. Owner, J. A. Johnson, 224 Roosevelt Ave., Berkeley. The house will contain six rooms and bath. All interior finish will be of redwood. Oak floors will be used in the dining and living rooms. A large open fire place will be a feature of the house. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the bungalow will be covered with rustic. Plans are

complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base frame, \$30,000. Architects, Willis Park & Co., Merchants' Exchange Bldg., S. F. Owner, N. S. Naphtaly. The dwelling will be erected in the north line of Broadway, 111 feet east of Lyon street, and has been designed to contain in the neighborhood of 11 rooms, several baths and a laundry. Interior finish will be of pine, redwood and hardwoods. Oak and tile floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms. An automatic water heater will be installed. Considerable ornamental iron, marble and tile will be used. A vacuum cleaning system is specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 3 story and base, frame, \$10,000. Architect, William Ham Hall, Postal Telegraph Bldg., S. F. Owner, William Ham Hall. The dwelling will be erected in the south line of Jackson street near Arguello Boulevard, and is to contain ten rooms and three baths. Interior finish will be of pine and redwood with hardwood floors throughout except in the baths, which will have composition flooring. There will be furnace heat and open fire places. Mantels will be of tile and brick. A dumb waiter and automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, S. S. Wright. The dwelling has been designed for a five-room house with bath. All interior finish will be of pine or redwood. Oak floors will be used in the living room and dining room. There will be open fire places and tile or brick mantels. The exterior of the house will be covered with cement plaster. Plans are complete and figures will be called for at once.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, J. L. Brecheff, 2219 Woodsey St., Berkeley. The house is designed to contain five rooms and bath. Interior trim will be of pine and redwood. Oak floors will be used in the principal rooms. There will be a large open fire place and brick mantel in the living room. Bath will also be wainscoted with tile and tile will be used back of the kitchen sink. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The dwelling has been designed for a nine-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will be finished in tile. The exterior of the house will be

covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George H. Richardson. The dwelling will be erected in Daly Seaside Park and will contain eight rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling is to be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MENLO PARK, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Edward G. Garden, Phelan Bldg., S. F. Owner, B. H. Pratt. The dwelling will contain eight or nine rooms, baths and sleeping porch. Interior trim will be largely of hardwood. Oak floors will be used throughout. Baths will be finished in tile. There will be a central heating system and a vacuum cleaning plant. Open fire places and brick or tile mantels will be used in the living and dining rooms. The exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

SCHOOLS.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Lunch and reception rooms, frame construction. Cost not stated. Architect, State Department of Engineering, Sacramento. Owners, State of California. Plans for the construction of a lunch and reception room at the State Normal School at Santa Barbara have been completed and are now out for figures. Bids will close on February 24th and bids will be opened in Sacramento by the State Board of Control. Plans and specifications can be secured from the Department of Engineering at Sacramento.

BRAWLEY, IMPERIAL CO., CAL.—School, 2 story and base, brick, \$50,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Brawley School District. This building, which is to be known as the Administration Building, will be the first of a group of four buildings which are to compose the High School. The other buildings of the group will be the domestic arts, science and manual training buildings. Plans for the administration building have just been approved and a detail description of the structure cannot be printed at this time. Additional information will be given as the plans progress.

PHOENIX, ARIZ.—School, 2 story and base, Class A construction, \$90,000 to \$100,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Phoenix. This building will contain 14 standard sized class rooms, auditorium, manual training, domestic science departments and teachers' and principal's rooms. There will be hollow tile interior partitions, a plenum heating system, vacuum cleaning and program clock system. Maple floors will be used throughout. Halls and stairways will be of con-

crete. The exterior of the building will be faced with pressed brick. Plans are now being prepared for the work and figures will be called for within a month.

SOUTH PASADENA, LOS ANGELES CO., CAL.—Schools, 2, 2 story and base, brick, \$70,000 each. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, South Pasadena High School District. This work has been mentioned here before. Each building will cover an area of 65x100 feet. One of the structures will be devoted to the manual training department and the other to domestic science. Mechanical equipment will include steam heat and vacuum cleaning. The exteriors will be faced with pressed brick. Plans are complete and figures will be called for in about one week.

PORTLAND, ORE.—School dormitory, story and base, reinforced concrete, \$120,000. Architects, Doyle, Patterson & Beach, Worcester Bldg., Portland. Owners, Reed College. The building is to cover an area of 60x200 feet, and will be fire proof throughout. The main floor of the building will be arranged for a large dining hall with accommodations for 200 persons at a time. Upper floors will be divided into 100 dormitory rooms. Interior finish will be of pine. There will be steam heating system connected with the main power plant of the institution by a reinforced concrete tunnel. Exterior of the building will be faced with cement plaster. A clay tile roof is to be used. There will be metal window frames and sash. Plans are complete and figures are to be called for at once.

OWENSMOUTH, CAL.—School, 2 story and base, brick, \$50,000. Architect, none. Owners, Owensmouth School District. Owensmouth is a new town and the recent bond election carried unanimously. The building will contain eight class rooms and an auditorium. Design will be similar to the new building at Van Nuys, which was constructed by Ye Planny Building Co. Title Insurance Bldg., L. A., and the same firm will, in all probability, build the Owensmouth school.

LOS ANGELES, CAL.—Normal School buildings, brick construction. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. The buildings planned include the Administration building, 260x292 feet, containing auditorium seating 1620; Library, 136x167 feet, with reading room to seat 250 and stack room for 50,000 books; Domestic Science, 170x170 feet; Fine Arts, 141x82 feet; Gymnasium, 140x82 feet, with 450 lockers, 31 dressing rooms and shower and needle baths for girls, lockers and showers for boys; Training School, 365x175 feet, with gymnasium for boys and girls attached; Kindergarten, 96x57; Cafeteria, 90x82, with dining hall to seat 300; Manual Arts, 226x83 feet. All the buildings will be two stories except the kindergarten, cafeteria and manual arts buildings, which will be one story. The construction will be of brick with fireproof stairways and corridor floors, wood floors in rooms, tapestry brick facing, clay tile roofs, and will include maple floors, central steam heating plant with underground ducts and fan room in each building, program clocks, vacuum cleaning, intercommunicating telephone system. There is available \$600,000 from the sale of the old nor-

mal school site. An additional appropriation will be asked of the legislature for other buildings for a teachers' college. Trainings have been completed and bids will be called for as soon as the drawings can be checked and specifications written, which will take about three weeks.

SEWERS, STREET WORK AND WATER SYSTEMS

SAN YSIDRO, SAN DIEGO CO., CAL.—Irrigation system. Cost not stated. Engineer's name not given. Owners, San Ysidro Irrigation District. Bids will be received up to 11 a. m. of February 13th for the construction of a water system comprising four electric induction motors, two centrifugal pumps, pump house, five drive wells, 12,210 lineal feet 6-inch steel pipe, 3,670 feet 8-inch pipe, 2,130 12-inch pipe, 2,400 feet O. D. casing, 2,500 feet 2-inch standard pipe, specials and fittings for above, and the construction of two cement-lined reservoirs of 186,000 and 204,000 gallons capacity. A check for 10% must accompany all bids. Josiah Poeton, San Ysidro, Cal., is secretary.

ALHAMBRA, LOS ANGELES CO., CAL.—Storm water sewers. Cost not stated. Engineer, City Engineer, Alhambra. Owners, City of Alhambra. Andrew Holloway of Pasadena submitted the lowest figure for the construction of this work and will probably be awarded the contract. Mr. Holloway's bid was \$23,000. No award has been made.

Contracts Awarded.

TEHACHAPI, KERN CO., CAL.—Water system. Cost not stated. Engineer, Frank A. Lathrop, Higgins Bldg., L. A. Owners, City of Tehachapi. Contractors, Municipal and Industrial Equipment Co., Merchants Trust Bldg., L. A. Contract price, \$13,797.01. Other bids received were as follows: Westlake Construction Co., L. A., \$14,263.74; Standard Electric Construction Co., S. F., \$14,970.74; and R. C. Lowell, L. A., \$15,976.24.

HANFORD, KINGS CO., CAL.—Sewers. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, City of Hanford. Contractors, Chambers & Heafey, Oakland. Contract price, \$75,000.

STORES & OFFICE BUILDINGS.

SAN FRANCISCO—Stores and moving picture house, 1 and 2 story, brick and frame, \$26,000. Architects, Havens & Toepke, 46 Kearny St., S. F. Owner's name withheld. These improvements will be made to the southwest corner of Pacific avenue and Polk street. The two story structure will contain a number of single rooms on the upper floor. Interior finish will be of pine and redwood. Tile and marble will be used in the nickelodeon. There will be patent store fronts. The exterior of the buildings will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Stores and offices, 10 story and base. Class A construction, \$600,000. Architects not selected. Owner, Hobart Estate Co. This building, sketches for which are being prepared in two architects' offices, is to be erected on Market street east of Montgomery and adjoining the Nevada Bank Bldg. Other that the fact that



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construction will be fireproof throughout, and that it will probably be faced with pressed brick no details can be given at this time.

SAN FRANCISCO—Stores, 1 story and base, reinforced concrete, \$20,000. Architect, Theo. Lenzen & Son, 110 South Second St., San Jose. Owners, Max Wolfen Co. The building will be erected at the corner of Front and Merchant streets, in the heart of the wholesale district, and will be designed for stores. There will be a waterproof basement. Metal window sash and frames are called for in the specifications. The exterior will be faced with cement plaster. Interior finish will be of pine throughout. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Stores, 1 story and base, brick, \$5,500. Architect, James T. Nabrett, Richmond. Owner, H. W. Hoyt. This work has been mentioned here before. Bids have been opened and show Peterson & Overea low at \$5,180. An award of contract will be made shortly.

SAN DIMAS, LOS ANGELES CO., CAL.—Telephone exchange, 1 story and base, reinforced concrete. Cost not stated. Architect, C. E. Wolfe, Pomona. Owners, Pomona Valley Tel. and Tel. Co. The building has been designed as a telephone exchange and for the offices of the company at San Dimas. Construction will be of reinforced concrete throughout, including the roof and floors. Electric work will be carried in conduit. Interior of the business offices will be handsomely finished. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Stores, 2 story and base, brick, \$36,766. Architects, Train & Williams, Exchange Bldg., L. A. Owner, A. T. Wells. Contractor, J. A. Crook Chamber of Commerce Bldg., L. A. Contract price, \$36,766.

VANCOUVER, B. C.—Stores and offices, 10 story and base, reinforced concrete, \$500,000. Architects, Somerville & Putnam, Seattle. Owners, Yorkshre Guarantee Co. Contractors, Dominion Construction Co., Northwest Trust Bldg., Vancouver. Contract price, \$500,000.

SPOKANE, WASH.—Department store, 9 or 10 story and base. Class A construction, \$350,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owner's name withheld. Two large establishments in Spokane are contemplating building but the architects refuse information as to the owners of the new structure. Construction details are lacking at this time as only preliminary plans have been made. The building will cover a ground area of approximately 100x150 feet and will be Class A throughout. Further mention will be made in these columns as the plans progress.

Contracts Awarded.

PORTLAND, ORE.—Stores and offices, 4 story and base, brick and steel. Cost not stated. Architect's name not given. Owner, T. B. Wilcox. Contractors, Brayton Engineering Co., Portland. Note: This contract has been taken on the percentage basis. The cost of the building is understood to be in the neighborhood of \$65,000.

LOS ANGELES, CAL.—Stores and offices, 2 story and base, brick. Cost not stated. Architect, A. L. Acker,

Story Bldg. L. A. Owner, Emma Oswald Contractor, A. E. Harshman, Story Bldg. Contract price not stated. Note: The building will be 50x100 feet.

LOS ANGELES, CAL.—Stores, 1 story and 1 1/2 story brick \$12,000. Architects, Morgan, Wallis & Morgan, Story Bldg. L. A. Owner, D. Bottler, Contractors, Barber-Bradley Construction Co., 1871 East 1500 St., L. A. Contract price \$12,000.

THEATRES.

SAN FRANCISCO Municipal opera house, 3 story and tower. Class A construction, \$1,000,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, City and County of San Francisco. Plans for this building, which is to be erected under the direction of the San Francisco Musical Association have been approved by the Board of Supervisors. The original plans provided for a building costing only \$750,000, but these have since been revised and 100 more seats added. John Martin is the head of the San Francisco Musical Association.

LOS ANGELES, CAL.—Moving picture theatre, 1 story and base, brick. Cost not stated. Architect, A. W. Riewe, California Bldg., L. A. Owners, D. S. and A. H. Kornblum. The building will be 45x127 feet and will contain an auditorium seating 700 people. The interior will be finished in brick and ornamental plaster. There will be a ventilating system. Considerable marble, tile and plate glass will be used. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Moving picture theatre, 1 story, reinforced concrete. Cost not stated. Architects, Starbuck & Clark, Fresno. Owner, James S. Bradley. The building will contain several stories besides the moving picture house. Construction will be of reinforced concrete throughout. Interior finish will be of pine and redwood with considerable ornamental plaster. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

PORTLAND, ORE.—Theatre, 4 story and base, reinforced concrete. Cost not stated. Architects, Camp & DuPuy, Portland. Owners, Rector Realty Co. The original intention of the owners was to erect a twelve-story Class A structure, but this plan has been abandoned and a four-story building will be erected. The house will be designed for a moving picture theatre, the largest on the coast, and will have a seating capacity of 1,000 people. The main auditorium will be bowl shape with a number of private boxes. A modern system of heating and ventilation will be installed. Interior decorations will be very elaborate. The exterior of the building will be faced with cement plaster. Construction will be fireproof throughout. Plans are nearly complete and figure will be taken within a few weeks.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., January 21st, 1913.—SEALED PROPOSALS, in triplicate,

for constructing improvements to roads, etc., at Letterman General Hospital, Presidio of San Francisco, Cal., will be received here until 4 P. M. 4th February, 1913, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals to be endorsed "Proposals for Improvements to Roads, Letterman General Hospital," and addressed to J. L. Col. Geo. McK. Williamson, Q. M. Corps.

PROPOSAL FOR GARAGE.

PURSUANT to Chapter of the City of Oakland and Resolution No. 4602 N. S. passed January 24th, 1913, the Council of the City of Oakland will receive sealed bids on February 6th, 1913, between the hours of 11:00 o'clock a. m. and 12:00 o'clock, m. of said day for the construction of an additional garage building for the City of Oakland, in the Corporation Yard at 9th and Fallon streets. The successful bidder shall be required to enter into a contract to construct said garage building within ten days after the award thereof. The said garage building shall be constructed by the successful bidder therefor, in strict accordance with the plans and specifications therefor, adopted January 24th, 1913, and filed in the office of the City Clerk of the City of Oakland, to which reference is hereby made for full details and description of said work. The construction of said garage building shall be to the satisfaction of the Superintendent of Streets of the City of Oakland.

FRANK R. THOMPSON,

City Clerk.

By E. F. HOLLAND, Deputy.
Oakland, January 27, 1913.

PROPOSAL FOR BUILDING.

IN OBEDIENCE TO THE ORDER OF the Council of the City of Santa Rosa, Cal., made January 22, 1913, notice is hereby given that sealed bids will be received by the undersigned, City Clerk of said city, for the construction of a City Hall Building, on lot number 300, Block 14, according to the Brewster map of the City of Santa Rosa, Sonoma County, California, in accordance with plans and specifications adopted and on file. Bids to be of the City Clerk.

Bids will be received for the construction of the City Hall; on the Structural Steel Work; on the Vault and Cell Work; and on the return Hot Water Heating Plant, separately or as a whole under one general bid, in accordance with the plans and specifications adopted and on file. Bids to be filed on or before the hour of 5 o'clock P. M. of February 1st, 1913. Each bid to be accompanied by a certified check, payable to the Mayor of said city, for ten per cent of the amount of the bid. Notice is hereby given that the contract for being awarded the bid will be required to enter into a contract with the City of Santa Rosa within five days after the awarding of the bid.

It is also understood that local mechanics will be employed on the building as much as possible.

Plans and specifications may be seen at the office of Architect L. M. Turton in Napa City, California, at Leonard & Day, in the Riello Building, San Francisco, California, and at the City Clerk's office in Santa Rosa, California.

The right to reject any and all bids is reserved by the Council.

By order of the Council.

H. B. SNYDER,
City Clerk of the City of Santa Rosa, Cal.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 757—Proposals for Claw Bars, Bits, Chain Blocks, Tackle Blocks, Steel Cable, Cable Clips, Emery Cloth, Grease Cans, Chain, Dies, Padlocks, Chisels, Hacksaw Frames, Haps, Shovels, Monkey Wrenches, Files, Nails, Tacks, Steel Tapes, Brass Tubing, Bronze, Galvanized Buckets, Sheet Steel or Iron, Track Bolts, Boat Spikes, Wire, Sheet Zinc, Poultry Netting, Oilers, Signal Flags, Memorandum Books, Waste Baskets, Brushes, Mop Heads, Sponges, Chipped Soap, Candle Wicking, Rabbit Metal, Yellow Metal, Marline, Carbide, Turpentine, Linseed, Neat's-foot, Creosote and Fish Oils, Burnt Umber, Raw Sienna, Black Jacket Enamel, Cab Enamel, Lampblack, Flour, Lime and White Pine or Sugar Pine Lumber.—Sealed proposals will be received at the office of the general purchasing officer, 15thman Canal Commission, Washington, D. C., until 10:30 a. m. February 11, 1913, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 757) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock Tuesday February 11, 1913. For the construction of Sewers in Main Roadway Concessions District in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$3.00, which will be refunded upon the return of the plans and specifications in good condition. By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—5 story and base. Class C construction, \$175,000. San Francisco. Architect, Creighton Withers, SW Powell and California Sts. S. F. Owner, L. H. Sly. This building will be erected on a full Fifty Vara lot recently purchased by Mr. Sly at the southwest corner of Post and Leavenworth streets. Plans are complete and show a building covering the entire holding with the exception of light court and yard space. Interior will be arranged for a total of 300 guest rooms divided into two and three room suites with baths and private entrances. Interior will be finished in pine and redwood with some oak and ornamental plaster in the reception hall. There will be steam heat, elevator service and wall beds. A vacuum cleaning system will also be installed. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$5,000. San Francisco. Architects, O'Brien Bros., Clinic Bldg., S. F. Owner's name withheld. The building will be erected south of Market street and will be arranged for two and three room suites. All interior finish will be of pine. The exterior of the building will be covered with rustic and shiplap. A central heating system will be installed and all rooms will be supplied with hot water. Plans are now being prepared.

HOTEL—3 story and base, brick and steel, \$30,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Mr. Kemp. The building will be erected on 3rd street near Folsom, and will be arranged for stores on the first floor and lodgings above. A central heating system will be installed and hot and cold running water will be supplied to all rooms. Interior finish will be of pine throughout. The exterior of the building will be faced with cement plaster. Plans are now being prepared for the work and figures will be called for shortly.

HOTEL—14 story and base. Class A construction, \$550,000. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Cliff Estate. This work has been mentioned here a number of times before when the plans were in a preliminary stage. The owners have recently acquired an additional piece of property which now gives them a full Fifty Vara lot, and they have decided to increase the height of their building to 14 stories. Construction will be of steel and reinforced concrete, with a complete steel frame, concrete exterior walls, roof slabs, floors and interior partitions. The hotel will contain a total of 300 rooms and baths besides the main lobby, entrance and office. There will be a steam heating system with oil burning plant and a vacuum cleaning plant. Interior finish will be of hardwood, metal and tile. Bath rooms will be finished in tile and cement. Office and lobby will be handsomely finished in hardwoods and orna-

mental plaster. The exterior of the building will be faced with cement plaster. Steel plans are now complete and figures will be called for at once. The balance of the work will be out for figures within a few weeks.

HOTEL ADDITION—7 story and base. Class A construction. Cost not stated. San Francisco. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Charles A. and Margaret Stewart. The building will be erected on a lot adjoining the present Stewart hotel and will be similar in architectural design and interior arrangement. The new addition will add a total of 150 rooms and baths to the present hotel. There will be a steel frame and exterior walls of artificial stone. Interior partitions will be of tile. There will be elevator service, steam heat from the present plant and vacuum cleaning system. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile. Plans are complete and figures are being taken.

HOTEL—3 story and base, brick, \$15,000. San Francisco. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Gong L. Toy. This building will be similar to a number of other hotel and commercial buildings recently designed for San Francisco's Chinatown by the same architects. The new structure will contain about 25 rooms and several baths. Interior finish will be of pine throughout. The entire structure will be occupied by the hotel. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL—5 story and base. Class C construction. Cost not stated. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owners, Thomas O'Day and James McLaughlin. The building will be erected in the south line of O'Farrell street and will have a frontage of 46 feet and a depth of 90 feet. The first floor will contain, besides the hotel lobby and offices, two modern stores. Upper floors will be divided into about 90 rooms and baths. Interior finish will be of pine and redwood with some oak and ornamental plaster in the lobby. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

HOTEL—4 story and base. Class C construction, \$90,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owners, Franklin Realty Co. This building is to be erected on O'Farrell street near Larkin, and will contain about 120 rooms and baths. The first floor will be arranged for a large and attractive hotel lobby, offices and reception rooms. The building will be heated by steam. There will be elevator service and a vacuum cleaning plant. Interior finish will be of pine, redwood and hardwoods. Bath rooms will be finished in tile. The exterior of the structure will be faced with pressed brick. Plans are being completed as rapidly as possible and figures will be called for within a few days.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, A. R. Larson, 282 Dolores St., S. F. The dwelling will contain six rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the dining and living rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble. This dwelling will be erected on 14th avenue, and will contain seven rooms and bath. Interior finish will be of pine and redwood with some elm veneer. Oak floors will be used throughout. There will be open fire places and brick mantels. An automatic water heater will be installed. The bath room will be finished in tile. The exterior of the dwelling will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble. This dwelling will be erected on 14th avenue, near California street, and will be similar to a number of other houses designed by the same architect for Mr. Scoble, who is a well known builder. Interior finish will be of pine, redwood and some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of brick. Oak floors will be used in the principal rooms. Bath room will be finished in tile. Tile will also be used in the kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,300. San Francisco. Architect, none. Owner, William Olsen, 646 Fillmore St., S. F. The house has been designed for a six-room dwelling with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Isidor Rosenberg. The house, which has been designed for an eight-room dwelling, will be erected on Commonwealth avenue near Euclid. There will be pine and redwood trim, hardwood floors and tile bath rooms. Furnace heat will be installed. Open fire places will be a feature of the living and dining rooms. There will be brick mantels. An automatic water heater will be used. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$55,000. San Francisco. Architect, David Salfeld, Clinic Bldg., S. F. Owner, F. J. Klumm.

This building has been mentioned here before. Revised plans have now been completed and figures are being taken by the architect. The structure will be erected in the north line of Ellis street near Leavenworth, and when complete will be one of the most modern apartment houses in the city. Suites will be arranged in two and three rooms each with private baths and wall beds. Interior finish will be of pine, redwood and hardwoods. Ornamental plaster will be used in the entrance and lobby. There will be steam heat, elevator service and a vacuum cleaning plant. The exterior of the building will be faced with pressed brick.

APARTMENT HOUSE—6 story and base. Class A construction, \$110,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Trawbridge and Perkins. The apartment house will be erected in the south line of Sutter street west of Mason, and will cover nearly a Fifty Vara lot. Construction will be Class A throughout with a steel frame and exterior walls faced with pressed brick. Interior will be arranged in two, three and four room suites with wall beds, private baths and all other modern conveniences. There will be steam heat, elevator service and a vacuum cleaning system. Interior partitions will be of hollow tile. Plans are being prepared.

APARTMENT HOUSE—6 story and base. Class C construction, \$150,000. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Schmiedel Estate. The building will occupy a full Fifty Vara lot at the southeast corner of Post and Leavenworth streets. Only preliminary plans for the building have so far been prepared and details are not available. Suites will probably be arranged in two and three room apartments. All of the latest improvements will be provided for including wall beds and vacuum cleaning. There will be steam heat and elevator service. The exterior of the building will probably be faced with pressed brick. Working drawings are to be completed as rapidly as possible.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, James Elliott, 261 4th Ave., S. F. The building is to be erected on a lot 27½x56 feet and has been arranged for two modern flats of five and six rooms each. All interior finish will be of pine or redwood. Some oak flooring will be used. There will be open fire places and tile mantels. Bath rooms will also be finished in tile. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—3 story and base, frame \$7,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Paul de Bernardi. The building will be erected on Stockton near Greenwich street, and has been arranged to contain three flats of five and six rooms each. Interior finish will be of pine and redwood. There will be both open fire places and gas grates. Mantels will be of brick. The exterior of the building will be covered with brick veneer to the first floor line and with rustic above that point. Plans are complete and a contract will be let at once.

FLATS—2 story and base, frame,

\$3,000. San Francisco. Architect, none. Owner, Ferdinand Elvin, 1415 6th Ave., S. F. The building will cover an area of 25x16 feet and is arranged for two flats of five and six rooms each with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be open fire places and brick or tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—3 story and base, frame. Cost not stated. San Francisco. Architect, John J. Foley, Monadnock Bldg., S. F. Owner's name withheld. The building building will be erected on Laguna and Cedar streets and will be arranged to contain three flats of five rooms and bath each. Interiors will be finished in pine and redwood with some oak floors. Bath rooms will be finished in tile. There will be open fire places and brick or tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLATS AND STORE—3 story and base, frame, \$6,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mrs. N. A. Gosliner. The building is to be erected at the corner of Francisco and Grant avenue, and will be arranged for one store on the first floor and four apartments flats of three rooms each on the upper two floors. Interior will be finished in pine throughout. Gas grates and tile mantels will be used. The exterior of the building will be covered with shiplap and rustic. Plans are complete and figures have been taken. A contract will be awarded with a day or two.

RESIDENCE—2 story and base, frame, \$30,000. San Francisco. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, S. N. Naphthal. The dwelling will be erected in the north line of Broadway, 114 feet east of Lyon street, and has been designed to contain in the neighborhood of fourteen rooms, several baths and a laundry. Interior finish will be of pine, redwood and hardwoods. Oak and tile floors will be used throughout. There will be a central heating system and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms. An automatic water heater will be installed. Considerable ornamental iron, marble and tile will be used. A vacuum cleaning system is specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—3 story and base, frame, \$10,000. San Francisco. Architect, William Ham Hall, Postal Telegraph Bldg., S. F. Owner, William Ham Hall. The dwelling will be erected in the south line of Jackson street near Arguello Boulevard, and is to contain ten rooms and three baths. Interior finish will be of pine and redwood with hardwood floors throughout except in the baths which will have composition flooring. There will be Prince Consort and open fire places. Mantels will be of tile and brick. A dumb waiter and automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MUNICIPAL OPERA HOUSE—3

story and tower. Class A construction, \$1,000,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, City and County of San Francisco. Plans for this building, which is to be erected under the direction of the San Francisco Musical Association, have been approved by the Board of Supervisors. The original plans provided for a building costing only \$750,000, but these have since been revised and 400 seats added. John Martin is the head of the San Francisco Musical Association.

STORES AND MOVING PICTURE HOUSE—1 and 2 story, brick and frame, \$20,000. San Francisco. Architects, Havens & Toepke, 46 Kearny St., S. F. Owner's name withheld. These improvements will be made to the southwest corner of Pacific avenue and Polk street. The two-story building will contain a number of single rooms on the upper floor. Interior finish will be of pine and redwood. Tile and marble will be used in the nickelodeon. There will be patent store fronts. The exterior of the buildings will be faced with cement plaster. Plans are being prepared.

STORES AND OFFICES—10 story and base. Class A construction, San Francisco. Architects not selected. Owners, Hobart Estate Co. This building, sketches for which are being prepared in two architects' offices, is to be erected on Market street east of Montgomery and adjoining the Nevada Bank Bldg. Other than the fact that construction will be fire proof throughout and that it will probably be faced with pressed brick no details can be given at this time.

STORES—1 story and base, reinforced concrete, \$20,000. San Francisco. Architect, Theo. Lenzen & Son, 110 South Second St., San Jose. Owners, Max Wolfen Co. The building will be erected at the corner of Front and Merchant streets, in the heart of the wholesale district, and will be designed for stores. There will be a waterproof basement. Metal window sash and frames are called for in the specifications. The exterior will be faced with cement plaster. Interior finish will be of pine throughout. Plans are complete and figures are being taken.

City Bids Opened.

Eight Bids Were Received by the Board of Public Works for the Construction of Studio.

Eight bids for constructing a photographic and blue print studio on the roof of the Temporary City Hall were received by the Board of Public Works at their Wednesday afternoon session. The lowest figure was received from McSheehy Bros., who will probably be awarded the work. The following is a list of all figures submitted:

Photographic Studio.

Carnahan & Mulford.....	\$3,035
T. W. McClenahan.....	3,760
W. A. Newsom.....	—
McSheehy Bros.....	2,687
Wold & Kahn.....	3,190
M. M. Finlayson.....	2,970
William Bruce.....	3,635
Hackenroth & Schell.....	3,378

Lloyd S. Ackerman

Attorney-At-Law

Building Law and the Law of
Mechanics' Liens.

Rooms 414-418 Nevada Bank Bldg.

14 Montgomery St., S. F.

Refers to Anglo California Trust Co.
General Contractors' Association; United
States Fidelity & Guaranty Co., Daily
Pacific Builder.

BUILDING SUPERINTENDENT.

Glacken, Edwd. E., General building superintendent, architecture and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded.

San Francisco.

262	Ephraim	Higginson	9550
263	Stebbing	Crothers	5100
264	Petchen	Coburn	6610
265	Gray	Hoopes	240
266	Labat	Metter	1650
267	Panama Bldg.	Stockholm	5200
268	Magner	Connell	8650
269	American Can	Murray	6450
270	Same	Schrader	2720
271	Ford	North St.	4175
272	Same	Murray	17000
273	Pac. C. & E. Co.	Bay City	1830
274	Anderson	Novelty	500
275	Ganey	Novelty	400
276	Neveraumont	McBarnes	700
277	Pope	McLean	850
278	Willard	Willard	400
279	Gould	Behm	500
280	Robbin	Ryan	1000
281	Rossler	McLachlie	800
282	Reimann	Heller	350
283	Cioy	Salomon	650
284	Bennett	Bennett	500
285	Scoble	Scoble	5000
286	Elvin	Elvin	3000
287	Joseph	Stanton	300
288	Baubel	Leigh	2085
289	Drexler	MacDonald	26644
290	Crocker	Milliken	22600
291	Corbin	Wilson	1000
292	Scoble	Scoble	4000
293	S F Metal	S F Metal	1700
294	Louis Rest	Flnk	500
295	Deckelman	Flnk	500
296	Olsen	Olsen	1200
297	Mensor	Petersen	7100
298	McElroy	W'n Furn	5050
299	Cohen	Hanson	2000
300	Butcher	Lettich	5350
301	Same	Bradley	5500
302	Same	Turner	850
303	Same	Cronin	1570
304	Same	N. C. Elec	1490
305	Same	Sartorius	1100
306	Same	Rigney	700
307	Same	Maunderell	1300
308	Same	Wilhelm	12550
309	Simon	Perry	1000
310	McElroy	Cal Elec	2735
311	Stoff	Kincanon	1400
312	Rogers	Brueck	1100
313	Winsky	Landes	472000
314	P P I E.	Anderson	2600
315	Egan	Crane	22000
316	Lorden	Higginson	3500
317	Bailey	Nolan	8000
318	Hein	Hein	1200
319	Wade	Carlsen	750
320	Bauer	Bauer	500
321	Louis Rest	Flnk	1000
322	Wooney	Linder	400
323	Sheppard	Sheppard	400
324	Cassou	Salanave	400
325	Schmiedell	Hippely	550
326	Bergers	Braendelein	500
327	Maryland Lunch ..	Owner	2000
328	Borkman	Swanson	2000
329	Borkman	Swanson	2000
330	Wills	Ellis	1500
331	Goldstein	Goldstein	500
332	Elliott	Elliott	4000
333	Rogers	Brueck	1000
334	Perkins	Stibley	1900

(262) SW FULTON AND BAKER W 100X8 25. All work except wiring for alterations and additions to a three-story flat building into apartments. (Gas fixtures and shades furnished by owner.)

Owner.....Ernestine Ephraim, 705 Frederick, San Francisco.
Architect...A. F. and C. M. Irouseau, Monadnock Bldg., S. F.

Contractor..Higginson Co., Inc., 8 Falcon Ave., S. F.

Filed Jan. 27, '13. Dated Jan. 23, '13.

Ready for lathing, electric wiring and rough plumbing in..\$2387.50

Brown coated and outside finished.....2387.50

Completed and accepted.....2387.50

Usual 35 days.....2387.50

TOTAL COST, \$9550.00

Bond, none. Limit, 90 days after Feb. 1, '13. Forfeit, \$10. Plans and specifications filed.

(263) W WOODLAND AVE 150 S Parnassus S 25xW 80 Lot 55 Blk "D." Sunset Heights Tract. All work for two-story and basement frame flats.

Owner.....E. Florence Stebbing, 120 21st Ave., San Francisco.

Architect...C. M. Cook, Rialto Bldg., San Francisco.

Contractor..R. A. Crothers, Burlingame California.

Filed Jan. 27, '13. Dated Jan. 23, '13.

Frame up.....\$1150

Brown coated.....1150

Completed and accepted.....1150

Usual 35 days.....1650

TOTAL COST, \$5100

Bond, none. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(264) SE MISSION 137-6 NE Main NE 45-10xSE 137-6. All work for one-story brick store.

Owner.....J. C. Petchen and Ella O. Fitchem, 1034 Masonic Ave., San Francisco.

Architect...None.

Contractor..Ira W. Coburn Inc., Hearst Bldg., San Francisco.

Filed Jan. 28, '13. Dated Jan. 27, '13.

1st story joists in place.....\$1652

Rafters in place.....1652

Accepted.....1652

Usual 35 days.....1654

TOTAL COST, \$6610

Bond, none. Limit, 35 days after Jan. 30. Forfeit, none. Plans and specifications filed.

(265) S CALIFORNIA 82-6 W 30th Ave W 25xS 100 OL 152. All work for one and one-half-story cottage and basement and garage.

Owner.....John Gray, 1248 Braderick San Francisco.

Architect...None.

Contractor..Byron J. Hooper, 2226 Anza, San Francisco.

Filed Jan. 28, '13. Dated Dec. 30, '12.

Frame up.....\$550

Brown coated.....550

Completed.....550

Usual 35 days.....550

TOTAL COST, \$2200

Bond, limit, forfeit, none. Plans and specifications filed.

(266) E VALENCIA 236 N 22nd N 24x E 125. Alterations and additions for frame building.

Owner.....Jean Labat, 1055 Valencia, San Francisco.

Architect...Oliver Everett, 1940 Webster, San Francisco.

Contractor..Louis Metter, 157 Albion Ave., San Francisco.

Filed Jan. 28, '13. Dated Jan. 23, '13.

Frame up.....\$41250

Roof on.....41250

Completed.....41250

Usual 35 days.....41250

TOTAL COST, \$165000

Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(267) N SIXTH AND STEVENSON NW 80XNE 78. Alterations for tenant in connection with SW section of Market street part of building.

Owner.....Panama Realty Co.

Architect...Reld Bros., Cal-Pacific Bldg., San Francisco.

Contractor..Stockholm & Allyn, 180 Jessie, San Francisco.

Filed Jan. 28, '13. Dated Jan. 23, '13.

Contractor to do work for actual cost of labor and material and to receive 5% of cost for his services; total not to exceed \$5200.

On 6th of each month 75% of work done & material furnished

Usual 35 days.....25%

TOTAL COST NOT TO EXCEED \$5200

Bond, limit, forfeit, none. Plans and specifications filed.

(268) W EMBARCADERO 137-6 S Howard S 45-10xW 137-6. Lath and plaster and damp proofing for seven-story and basement reinforced concrete building.

Owner.....Jos. Magner, 419 Jackson, S. F. by Theo S. Holm, 1568 Clay, San Francisco.

Architect...Ross & Burgren, Cal-Pacific Bldg., S. F.

Contractor..J. E. Connell, 185 Stevenson, San Francisco.

Filed Jan. 28, '13. Dated Jan. 22, '13.

Brown coated.....\$4825.00

Plaster completed.....2412.50

Usual 35 days.....2412.50

TOTAL COST, \$9650.00

Bond, \$4825. Sureties, P. and Geo. H. Connell. Forfeit, none. Plans and specifications, none.

(269) SW NINETEENTH & HARRISON. Brick and tile work for bldg.

Owner.....American Can Co., Mills Bldg., S. F. by The Clinton Fireproofing Co., Mutual Bank Bldg., S. F.

Engineer...N. M. Loney, Mills Bldg., San Francisco.

Contractor..Murray & Mowbray, 180 Jessie, San Francisco.

Filed Jan. 28, '13. Dated Jan. 1, '13.

10th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$6450

Bond, \$3225. Surety, Aetna Accident & Liability Co. Forfeit, none. Plans and specifications filed.

(270) SE NINETEENTH AND TREAT Iron and steel work for building.

Owner.....American Can Co., Mills Bldg., by The Clinton Fireproofing Co., Mutual Bank Bldg., San Francisco.

Engineer...N. M. Loney, Mills Bldg., San Francisco.

Contractor..Schrader Iron Works, 1247 Harrison, S. F.

Filed Jan. 28, '13. Dated Jan. 14, '13.

10th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$2720

Bond, \$1360. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans and specifications, none.

“TRIANGLE MESH”

The Universal Fabric

Only by handling all the Steel that goes into **“TRIANGLE MESH”** from the Ore to the Finished Product with their own facilities and by their own Special Methods can the “United States Steel Corporation” KNOW that **“TRIANGLE MESH”** is the Strongest, Most Efficient and Most Economical Reinforcement on Earth.

The Lilley & Thurston Co.

RIALTO BUILDING,

SAN FRANCISCO



LIVERPOOL-LONDON & GLOBE INSURANCE BLDG.
Architects Bliss & Faville
San Francisco



PACIFIC UNION CLUB
Architect Willis Polk
San Francisco



- (1) SW TWENTY-FIRST & HARRISON. Ornamental iron work for five-story reinforced concrete factory.
 Contractor.....Ford Motor Co., 100 Van Ness Ave., by The Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
 Architect.....Jno. Graham, 100 Van Ness Ave., S. F.
 Contractor.....North Star Iron Works., 1311 Harrison, S. F.
 Filed Jan. 28, '13. Dated Jan. —, '13.
 10th of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$4715
 Bond, \$2357.50. Surety, Massachusetts Bonding & Insurance Co. Limit, forfeit, none. Plans and specifications, none.
- (2) BRICK AND TERRA COTTA work on above.
 Contractor.....Murray & Mowbray, 180 Jessie, San Francisco.
 Filed Jan. 28, '13. Dated Jan. —, '13.
 Payments same as above.....
 TOTAL COST, \$17,000
 Bond, \$8500. Surety, Aetna Accident & Liability Co. Limit, forfeit, none. Plans and specifications, none.
- (3) W GEORGIA 433 N 23rd S 75x W 80 PN 443. All work for meter house extension.
 Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.
 Architect.....None.
 Contractor.....Bay City Iron Works, 1243 Harrison, San Francisco.
 Filed Jan. 28, '13. Dated Jan. 20, '13.
 On completion..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$1890
 Bond, \$945. Surety, Pacific Coast Casualty Co. Limit, 6 weeks. Forfeit, none. Plans and specifications filed.
- (4) NO. 964 MARKET. Electric sign.
 Owner.....R. C. Anderson, Premises.
 Architect.....None.
 Contractor.....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
 COST, \$500
- (5) NO. 3034 SIXTEENTH. Electric sign.
 Owner.....Wm. Ganey, Premises.
 Architect.....None.
 Contractor.....Novelty Elec. Sign Co., 165 Eddy, San Francisco.
 COST, \$400
- (6) NO. 1530 HAIGHT. Repair bakery and restaurant.
 Owner.....J. Nevaumont.
 Architect.....None.
 Contractor.....A. McBarnes, 1536 Haight, San Francisco.
 COST, \$700
- (7) NOS 153-135 EAST. Repair roof
 Owner.....Pope & Talbot, 3rd and Townsend, S. F.
 Architect.....None.
 Contractor.....Neil A. McLean, 225 Chronicle Bldg., S. F.
 COST, \$850
- (8) NO. 2299 LOMBARD. Excavate and build new front.
 Owner.....Mrs. Willard, Premises.
 Architect.....M. M. Finlayson.
 Contractor.....Revatt & Maack, Premises.
 COST, \$400
- (9) NO. 884 MARKET. Enlarge windows.
 Owner.....Gould-Sullivan Co., Prem.
 Architect.....None.
 Contractor.....W. Behm & Co., 139 Oak, San Francisco.
 COST, \$500
- (280) NO. 222 KEARNY. Alter floors.
 Owner.....Robbin Estate, Premises.
 Architect.....None.
 Contractor.....H. E. Ryan, 1194 Green, San Francisco.
 COST, \$1000
- (281) SE GOLDEN GATE & BRODERICK. Erect chimney.
 Owner.....Chas. A. Rosaler, Premises.
 Architect.....None.
 Contractor.....G. Y. McClatchie, Palo Alto, California.
 COST, \$500
- (282) NO. 1700 FELL. Replace studding and rustic.
 Owner.....C. W. Reimann, Premises.
 Architect.....None.
 Contractor.....Adam Heller, 180 Jessie, San Francisco.
 COST, \$250
- (283) NO. 1338 FILLMORE. Alter front.
 Owner.....M. K. Choy & Co., Premises.
 Architect.....None.
 Contractor.....L. Salomon, 1303 Ellis, San Francisco.
 COST, \$650
- (284) E PUTNAM 50 N Jarboe. One-story and basement frame dwelling.
 Owner.....Bennett Bros., 117 Washington, San Francisco.
 Architect.....None.
 Day's work.....
 COST, \$500
- (285) W FOURTEENTH AVE 215 S California. Two-story and basement frame dwelling.
 Owner.....Thos. Scoble, 363 14th Ave., San Francisco.
 Architect.....E. E. Young, 251 Kearny, San Francisco.
 Day's work.....
 COST, \$5000
- (286) E MISSOURI 175 S 18th. Two-story and basement frame flats.
 Owner.....F. Elvin, 1415 6th, Alameda.
 Architect.....None.
 Contractor.....Ferdinand Elvin, 1415 6th, Alameda.
 COST, \$3000
- (287) SE GOLDEN GATE AVE AND Hyde E 68-xS 137-6. Steam heating and hot water systems for three-story brick building.
 Owner.....Joseph Estate Co.
 Architect.....Ross & Burgren, California Bldg., S. F.
 Contractor.....J. G. Sutton Co., Inc., 243 Minna, San Francisco.
 Filed Jan. 29, '13. Dated Jan 25, '13.
 Roughed in.....\$500
 Completed and accepted..... 401
 Usual 35 days..... 302
 TOTAL COST, \$1203
 Bond, none. Limit, as fast as possible.
 Forfeit, none. Plans and specifications filed.
- (288) W NINETEENTH AVE 250 N Fulton N 25xW 120. All work except gas and electric fixtures for one-story frame building (store and living rooms).
 Owner.....Chas. Baubel, 31st Ave and Clement, San Francisco.
 Architect.....None.
 Contractor.....Leigh & Schultz, 830 8th Ave., San Francisco.
- Filed Jan. 29, '13. Dated Jan. 28, '13.
 Frame up and roof on.....\$521 25
 Brown coated..... 521 25
 Completed and accepted..... 521 25
 Usual 35 days..... 521 25
 TOTAL COST, \$2083 00
 Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.
- (289) NE CLAY AND FRONT N 27-6 E 120. All work for one-story reinforced concrete stores.
 Owner.....Ellis A. Drexler, Kohl Bldg., San Francisco.
 Architect.....Reid Bros., Cal-Pacific Bldg., San Francisco.
 Contractor.....MacDonald & Kahn, Kialto Bldg., San Francisco.
 Filed Jan. 29, '13. Dated Jan. 27, '13.
 On 6th of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$26,644
 Bond, \$13,500. Surety, Massachusetts Bonding & Insurance Co. Limit, June 15, '13. Forfeit, \$10. Plans and specifications filed.
- (290) SW POST AND POWELL W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57. Take from cars or boat, haul, erect and rivet all grillage, steel, cast iron bases and steel frame above cast iron bases, etc., for Class "A" building.
 Owner.....Crocker Hotel Co.
 Architect.....Bliss & Faville, Balboa Bldg., San Francisco.
 Contractor.....Milkken Bros., Humboldt Bank Bldg., S. F.
 Filed Nov. 25, '12. Dated Aug. 15, '12.
 Payments on 1st and 15th of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$22,600
 Bond, \$11,300. Surety, Fidelity & Deposit Co. of Maryland. Limit, Feb. 10, 1913. Forfeit, \$50. Plans and specifications filed.
- (291) NO. 266 COTTER. Add two rooms and alter dwelling.
 Owner.....M. Corbin.
 Architect.....None.
 Contractor.....Jas. Wilson, 1363 Post, San Francisco.
 COST, \$400
- (292) W FOURTEENTH AVE 245 S California. Two-story and basement frame dwelling.
 Owner.....Thos. Scoble, 363 14th Ave., San Francisco.
 Architect.....None.
 Day's work.....
 COST, \$4000
- (293) E FOLSOM 153 N 19th. One-story frame shop.
 Owner.....S. F. Metal Stamping & Corr. Co., 556 Treat Ave., San Francisco.
 Architect.....E. W. Carmon, Oakland.
 Day's work.....
 COST, \$1700
- (294) NO. 524 MARKET. New front and marquee.
 Owner.....Lavis Fashion Restaurant, Premises.
 Architect.....None.
 Contractor.....Fink & Schindler, 226 13th, San Francisco.
 COST, \$500
- (295) NO. 32 TURK. New windows.
 Owner.....Deckelman Bros., 162 Turk San Francisco.
 Architect.....None.
 Contractor.....Fink & Schindler Co., 226 13th, San Francisco.
 COST, \$500

(291) E FOLSOM 220 S 19th. Two-story and basement frame dwelling.
Owner.....Wm. Olsen, 646 Fillmore, San Francisco.
Architect...None.
Day's work. COST, \$2300

(297) SE GEARY AND JONES E 28-9 AS 68. Gas fitting, plumbing, fixtures, hot water system, steam heating, stand pipes, tanks, water, gas and steam service for six-story and basement and mezzanine floor Class "C" building.

Owner.....I. Mensor, 2211 California, San Francisco.
Architect...Albert Schroepfer, 63 Post, San Francisco.
Contractor..Petersen-James Co., 710 Larkin, San Francisco.

Filed Jan. 30, '13. Dated Jan. 23, '13.
Plumbing and steam heating roughed in to 3rd floor.....\$1000
Plumbing and steam heating all roughed in and services connected.....1500
Completed and accepted.....2325
Usual 35 days.....1775

TOTAL COST, \$7100

Bond, \$3550. Sureties, J. H. Wright and Chas. Lauffer. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(294) SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. Sheet metal work, etc., for six-story and basement steel frame Class "C" building.

Owner.....R. B. McElroy.
Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.

Contractor..Western Furnace & Cornice Co., 1645 Howard, S. F.
Filed Jan. 30, '13. Dated Jan. 24, '13.
On 1st and 15th of each month 75%
Usual 35 days.....25%

TOTAL COST, \$3050

Bond, \$2525. Surety, Aetna Accident & Liability Co. Limit, 40 days after notification. Forfeit, none. Plans and specifications filed.

(299) LOT 2 BLK "D" Mission Tract, being 25 feet S Santa Rosa Ave on E side San Jose Ave. All work for one-story frame dwelling.

Owner.....Ida Cohen, Hyde & Pacific San Francisco.

Architect...None.
Contractor..R. Hanson, 355 Delano, San Francisco.

Filed Jan. 30, '13. Dated Jan. 25, '13.
Frame up.....\$500
Brown coated.....500
Accepted.....500
Usual 35 days.....500

TOTAL COST, \$2000

Bond, limit, forfeit, none. Plans and specifications filed.

(300) NW JACKSON AND DRUMM N 60xW 60. Plumbing for six-story brick building (stores and rooms).

Owner.....Thos. W. Butcher, 185 Stevenson, San Francisco.

Architect...Cunningham & Politeo, 1st National Bank Bldg., San Francisco.

Contractor..Lettich Bros., 365 Fell, San Francisco.

Filed Jan. 30, '13. Dated Jan. 16, '13.
Payments on 1st and 15th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$5350

Bond, \$2675. Surety, Pacific Coast

Casualty Co. Limit, 60 days after ready for same. Forfeit, \$50. Plans and specifications filed.

(301) LATH & PLASTER ON ABOVE.
Contractor..Bradley & O'Reilly, 402 Kearny, San Francisco.

Filed Jan. 30, '13. Dated Jan. 16, '13.
Payments same as above.....

TOTAL COST, \$5500

Bond, \$2750. Surety, National Surety Co. Limit, 30 days after ready for same. Forfeit, \$50. Plans and specifications filed.

(302) STEAM HEATING ON ABOVE.
Contractor..Turner Co., 278 Natoma, San Francisco.

Filed Jan. 30, '13. Dated Jan. 20, '13.
Payments same as above.....

TOTAL COST, \$880

Bond, \$440. Surety, Aetna Accident & Liability Co. Limit, 30 days after ready for same. Forfeit, \$50. Plans and specifications filed.

(303) SHEET METAL WORK ON above.

Contractor..Cronin's Cornice Works, 338 Guerrero, S. F.

Filed Jan. 30, '13. Dated Jan. 17, '13.
Payments same as above.....

TOTAL COST, \$1570

Bond, \$785. Surety, Pacific Coast Casualty Co. Limit, 30 days after ready for same. Forfeit, \$50. Plans and specifications filed.

(304) ELECTRIC WORK ON ABOVE.
Contractor..National Elec. Co., 102 Turk, San Francisco.

Filed Jan. 30, '13. Dated Jan. 21, '13.
Rough work in.....\$745.00
Completed and accepted.....372.50
Usual 35 days.....372.50

TOTAL COST, \$1490.00

Bond, \$745. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days after ready for same. Forfeit, \$50. Plans and specifications filed.

(305) ORNAMENTAL IRON WORK ON above.

Contractor..Sartorius Co., 15th and Utah, San Francisco.

Filed Jan. 30, '13. Dated Jan. 22, '13.
1-st and 15th of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$1100

Bond, \$550. Surety, Globe Indemnity Co. Limit, 25 days after notification. Forfeit, none. Plans and specifications filed.

(306) TILE WORK ON ABOVE.
Contractor..Thos. F. Rigney, 9 City Hall Ave., San Francisco.

Filed Jan. 30, '13. Dated Jan. 22, '13.
Payments same as above.....

TOTAL COST, \$706

Bond, \$350. Surety, Pacific Coast Casualty Co. Limit, 22 days after notified. Forfeit, \$50. Plans and specifications filed.

(307) PAINTING ON ABOVE.
Contractor..Harry Maundrell, 563 Hayes, San Francisco.

Filed Jan. 30, '13. Dated Jan. 28, '13.
Payments same as above.....

TOTAL COST, \$1300

Bond, \$650. Sureties, E. S. Rainey and J. L. Chrichton. Limit, 30 days after notified. Forfeit, \$50. Plans and specifications filed.

(308) CARPENTER, LUMBER, MILL, roofing, flooring, store fronts, sash doors, glass, glazing, stairs, locker and hardware on above.

Contractor..A. H. Wilhelm, 180 Jessie San Francisco.

Filed Jan. 30, '13. Dated Jan. 13, '13.
Payments same as above.....

TOTAL COST, \$13,250

Bond, \$6625. Surety, Pacific Coast Casualty Co. Limit, 70 days after notified. Forfeit, \$50. Plans and specifications filed.

(309) N GREEN 91-6 E Hyde E 46-9 N 62-6. All work except plumbing painting and plaster for three-story and basement frame apartments.

Owner.....Margaret M. Simon, distributee under will of W. J. Simon, deed and trustee under The W. J. Simon Trust, 2661 Hyde, S. F.

Architect...Juo. H. Powers, 460 Montgomery, San Francisco.

Contractor..W. L. Terry, 2948 Octavia San Francisco.

Filed Jan. 30, '13. Dated Jan. 29, '13.
Frame up.....\$2125

Ready for plaster.....2125

Standing trim completed.....2000

Completed and accepted.....2000

36 days after.....2750

TOTAL COST, \$11,000

Bond, none. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(310) SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. Electrical work for steel frame Class "C" building.

Owner.....R. D. McElroy.
Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.

Contractor..California Elec. Constr. Co., 650 Mission, S. F.

Filed Jan. 30, '13. Dated Jan. 27, '13.
1st and 15th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$2735

Bond, \$1367.50. Surety, U. S. Fidelity & Guaranty Co. Limit, 40 days after notification. Forfeit, none. Plans and specifications filed.

(311) S CLAY 80 E Taylor E 25xS 94. Cribbing for concrete foundations, carpenter, mill, metal vermin and fire stops, timber, deafening stair work, fences, hardware, furring for exterior plaster, etc., for three-story and basement frame flats.

Owner.....Louis D. Stoff, 46 Kearny, San Francisco.

Architect...None.

Contractor..J. G. Kincanon, 353 Bush, San Francisco.

Filed Jan. 31, '13. Dated Jan. 22, '13.
Frame up.....\$300

Ready for plaster & rough stair work done.....250

Standing finish on.....250

Completed and accepted.....600

TOTAL COST, \$1400

Bond, none. Limit, 70 days after Feb. 1, '13. Forfeit, none. Plans and specifications, none

NOTE—Plans were drawn by Chas. J. Rousseau, 756 Phelan Bldg.

(312) LOT 31 BLK "A" Glen Park Terrace. Alterations and additions to one and one-half-story frame building.

Owner.....Margt. E. Rogers.
Architect...None.

Contractor..Michael Brueck, 600 Charter Oak, San Francisco.

- Filed Jan. 31, '13. Dated Jan. 30, '13.
Frame up\$275
Brown coated 275
Completed 275
Usual 35 days..... 275
TOTAL COST, \$1100
Bond, none. Limit, 50 days. Forfeit,
none. Plans and specifications filed.
- (313) NOS. 243-245 O'FARRELL.
Alterations and additions to building.
Owner.....K. D. Winship, 354 Pine,
San Francisco.
Architect...Smith & Stewart, 244
Kearny, San Francisco.
Contractor..Fred C. Jones, Lick Bldg.,
San Francisco.
Filed Jan. 31, '13. Dated Jan. 24, '13.
75% of work done every 10th day
after January 24 25%
Usual 35 days..... 25%
TOTAL COST, \$5695
Bond, none. Limit, 40 days after Jan.
27. Forfeit, none. Plans and specifica-
tions filed.
- (314) E FILLMORE 59.075 N Bay N
1067x E 475. All work for machinery
building.
Owner.....Panama-Pacific Interna-
tional Exposition Co.
Architect...None.
Contractor..W. W. Anderson & Co., 402
Kearny, San Francisco.
Filed Jan. 31, '13. Dated Jan. 29, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$472,000
Bond, \$240,000. Sureties, F. S. Loop &
F. E. Knowles. Limit, 240 days. For-
feit, \$100. Plans and specifications
filed.
- (315) NW HARRISON 62 NE Fifth NE
50xNW 80. All work for galvanized
iron frame warehouse.
Owner.....Jas. L. Egan, 1152 Folsom,
San Francisco.
Architect...J. Chas. Flugger, Crocker
Bldg., San Francisco.
Contractor..Richard Keller and Myrl
Crane, 74 Miramar Ave.,
San Francisco.
Filed Jan. 31, '13. Dated Jan. 13, '13.
Frame up\$650
Roof rafters in place and all iron
on sides\$650
Completed and accepted..... 650
Usual 35 days..... 650
TOTAL COST, \$2600
Bond, \$1300. Sureties, W. H. Barrows
and Craig Owens. Limit, 40 days.
Forfeit, none. Plans and specifications
filed.
- (316) SE TAYLOR AND FALCON E
73xS 50. Grading, cement, carpenter,
plumbing, painting, plaster, glass,
roof, hardware, tin work for three-
story frame apartments.
Owner.....J. P. Lorden, 451 5th, S. F.
Architect...None.
Contractor..Higginson Co., 8 Falcon
Ave., San Francisco.
Filed Jan. 31, '13. Dated Jan. 24, '13.
Rustic and roof on.....\$5000
Brown coated 5000
Completed and accepted..... 5500
Usual 35 days..... 5500
TOTAL COST, \$22,000
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.
- (317) E CENTRAL AVE 125 S Fulton.
Two-story and basement frame flats.
Owner.....Bailey & Nolan, 2124 15th,
San Francisco.
Architect...None.
Day's work. COST, \$3500
- (318) W HYDE 62-6 S Jackson. Three
story and basement frame (6) flats.
Owner.....Theo. Holn, 1568 Clay, S. F.
Engineer...Ross & Buregen, 310 Cal-
ifornia, San Francisco.
Contractor..Theo. Holn, 1568 Clay, S. F.
COST, \$8000
- (319) N SURREY 116 W Van Buren.
One and one-half-story and basement
frame dwelling.
Owner.....Wade & Carlson, 579 Du-
bois Ave., S. F.
Architect...None.
Day's work. COST, \$1200
- (320) S FOLSOM 100 W Fifth. Slink
shaft.
Owner.....J. Bauer, Care Architect.
Architect...Alfred Jacobs, 110 Sutter,
San Francisco.
Day's work. COST, \$750
- (321) NO. 524 MARKET. Erect par-
tition.
Owner.....Louis Fashion Restaurant,
Premises.
Architect...None.
Contractor..Flink & Schindler, 226 13th,
San Francisco.
COST, \$500
- (322) NE IVY AVE AND WEBSTER.
New steps, entrance and plumbing.
Owner.....M. Rooney, NW Pacific and
Drum, San Francisco.
Architect...Benke & Copeland, 333
Kearny, San Francisco.
Contractor..Wm. Linden, 1100 Dolores,
San Francisco.
COST, \$1000
- (323) NO. 41 CRESCENT AVE. Erect
partition, add bath room and porch.
Owner.....Wm. Sheppard et al.
Architect...None.
Day's work. COST, \$400
- (324) NO. 1115 MASON. Cement walk,
concrete foundation and repair room.
Owner.....Mrs. C. Cassou, Premises.
Architect...None.
Contractor..J. Salanave, 931 Pacific,
San Francisco.
COST, \$400
- (325) NE CLAY AND MONTGOMERY.
Rearrange front and repair interior.
Owner.....Schmiedell Est., Premises.
Architect...N. Blalsdell, 255 California,
San Francisco.
Contractor..L. Hippely, 1464 Grove,
San Francisco.
COST, \$550
- (326) NO. 856 MARKET. Rearrange
fixtures.
Owner.....Berger's Clothing Store,
Premises.
Architect...Jos. Cahen, 451 Kearny,
San Francisco.
Contractor..Geo. Braendlein & Son,
3155 18th, San Francisco.
COST, \$500
- (327) NOS. 989-991 MARKET. New
front, concrete floor and stairs.
Owner.....Maryland Lunch Co., 147
Powell, San Francisco.
Architect...Oliver Everett, 1340 Web-
ster, San Francisco.
Day's work. COST, \$500
- (328) E THIRTEENTH AVE 175 N
Kirkham. Two-story and basement
frame residence.
Owner.....J. Bjorkman and O Swan-
son, 4066 18th, S. F.
Architect...None.
- Contractor..Oscar Swanson, 4066 18th,
San Francisco.
COST, \$2000
- (329) E THIRTEENTH AVE 200 N
Kirkham. Two-story and basement
frame residence
Owner.....J. Bjorkman and O Swan-
son, 4066 18th, S. F.
Architect...None.
Contractor..Oscar Swanson, 4066 18th,
San Francisco.
COST, \$2000
- (330) SE EIGHTEENTH & VALENCIA.
Repair fire damage.
Owner.....Mrs. Ellis, Premises.
Architect...None.
Day's work. COST, \$1500
- (331) E HOWARD 225 N 15th. Repair
fire damage.
Owner.....M. Goldstein, 1877 Howard,
San Francisco.
Architect...None.
Contractor..D. Goldstein, 1877 Howard,
San Francisco.
COST, \$500
- (332) N GEARY 100 W 14th Ave. Two-
story and basement frame flats.
Owner.....James Elliott, 261 4th Ave.,
San Francisco.
Architect...Plans by Owner.
Day's work. COST, \$4000
- (333) NO. 912 CHENERY. Concrete
foundation and add and alter dwlg.
Owner.....Mr. Rogers, Premises.
Architect...None.
Contractor..M. Brueck, 600 Charter
Oak, San Francisco.
COST, \$1000
- (334) S SUTTER 164-6 E Taylor E
60-5xS 137-6. Removal of debris and
foundation walls to basement floor
levels with exception of front founda-
tion wall on lot.
Owner.....W. F. Perkins and H. O.
Trowbridge, 14 Montgomery,
San Francisco.
Architect...Frederick H. Meyer, Bank-
ers' Investment Bldg., S. F.
Contractor..Sibley Grading & Teaming
Co., 180 Jessie, S. F.
Filed Feb. 1, '13. Dated Jan. 31, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$1900
Bond, \$950. Surety, Massachusetts
Bonding & Insurance Co. Limit, 35
days. Forfeit, none. Plans and specifi-
cations filed.

NOTICE OF NON-RESPONSIBILITY.

Jan. 31, 1913—SW McALLISTER AND
Octavia 55 on McAllister x 120.
Annie T Smith as to improvements
on leased property.....

BUILDINGS IN FIRE LIMITS.

The following is a list of the applica-
tions filed since January 23rd for
tear down permits in the Fire Limits:
Chicago Wrecking Co. SW Fulton
and Polk street. One-story frame.
D. J. Dolan. 461-471 McAllister street.
One-story frame.
G. F. West. 192 Fifth street. One-
story frame.
Miss I. Nolan. S Eddy 40 E Hyde
street. One-story frame.

COMPLETION NOTICES.

San Francisco.

Jan. 2, 1913—COMG 26-67% from intersection NW Market and Front r a 92-8 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to Pacific Fire Extinguisher Co., Dec. 31, '12
Jan. 2, 1913—SE HUSH AND GRANT Ave S 120 E 68-6 N 60 E 0-6 N 60 W 69. M Fleishhacker to Joseph Pasqualetti (S F Concrete Co.), Nov. 29, 1912
Jan. 2, 1913—N LOMBARD 110 W Fillmore W 51-6XN 90. G Palacin to Peter Hansen., Dec. 31, 1912
Jan. 2, 1913—LOT 16 SUB W 1/2 O L Blk 295. Leonard T Pockman and Adolph Roscnshine to whom it may concern., Dec. 30, 1912
Jan. 2, 1913—NW EDINBURGH 100 NE Persia Ave NE 25XNW 100. Joseph and Rose Varni to Ward C Brown., Dec. 28, 1912
Jan. 3, 1913—S OAK 288-6 W Franklin 45-10X120. Mary L Curley to Otto Carson Co., Jan. 3, 1913
Jan. 3, 1913—W RHODE ISLAND 100 S 24th S 25XW 100. Owen J Gallagher to W H Morphy., Dec. 27, 1912
Jan. 3, 1913—SE LONDON 150 NE France Ave NE 25XSE 100 Lot 3 Blk 10, Excel Hd. George Henry and Celestine Elizabeth Schlink to George Henry Schlink., Dec. 31, 1912
Jan. 3, 1913—SW SIXTH 25 SE Mission SE 60XSW 75. Edw H Mitchell to Central Iron Works., Jan. 2, 1913
Jan. 3, 1913—N PINE 119-2 W Stockton W 38-4XN 59-6. Albert J Atkins to Finn Anderson., Jan. 2, 1913
Jan. 3, 1912—NE LOMBARD AND Jones. Giovanni Chiappe to whom it may concern., Dec. 10, 1912
Jan. 3, 1913—SE FRONT AND WASHINGTON. Doyle Estate Co to Theo S Hoin., Dec. 31, 1912
Jan. 4, 1913—NE HARRISON & 3RD N 55XE 139. George A Clough to J Wenderling., Jan. 3, 1913
Jan. 4, 1913—W DEVISADERO 100 N Filbert N 37-6XW 30. G K Easton and S F Wagner Easton to R S K MacMillen., Dec. 31, 1912
Jan. 4, 1913—SE BUSH & GRANT AV S 120 E 68-6 N 60 E 6 N 60 W 69. M Fleishhacker to John G Sutton Co., Dec. 30, 1912
Jan. 4, 1913—LOTS 186 AND 188 Gift Map No. 2. Karl Elf Haglund to whom it m.y concern., Jan. 4, 1913
Jan. 5, 1913—NW HOWARD 137-6 NE 13th NE 27-6 NW parallel with 13th 106-04 SE 27-5 SE parallel with 13th 104-104. John Schwormstedt to Adolph Henning and Gereke & Feilbach., Jan. 3, 1913
Jan. 6, 1913—S FELLA PLACE 113-6 E Powell E 24XS 64. Mark Rendie King to whom it may concern., Jan. 6, 1913
Jan. 6, 1913—E CASTRO 101-6 S Army S 25XE 118. A V Anderson to whom it may concern., Jan. 4, 1913
Jan. 6, 1913—W FIFTEENTH AVE 225 S Lincoln Way S 100XW 127-6. Sunset Home Realty Co to Cox Bros., Jan. 4, 1912
Jan. 6, 1913—N OAK 100 E Devisadero 25X94. Giocomo Baciocco to John Ratto & Bros., Dec. 30, 1912
Jan. 6, 1913—S TWENTY-SECOND 25 E Hampshire E 25XS 100. Annie Davies to whom it may concern., Jan. 6, 1913
Jan. 6, 1913—NW MONROE & BUSH N 91-6 W 90 S 91-6 E 80. Edward

Beck to Wm S Snook & Sons., Jan. 2, 1913
Jan. 6, 1913—SE BUSI & MASON E 68XS 84. Howard B Land and Mary L Payne or Mary E Payne, Trs Est Chauncey B Land, dec'd and as Trustees Est Harriet Land, dec'd to L A Hinson., Dec. 31, 1912
Jan. 7, 1913—OLIVE AVE NO. 633. Clara and Louis Plamondon to Leonard Salomon., Dec. 20, 1912
Jan. 7, 1913—W FRONT 26-67% N Market — 92-8XW 137-6. A B Spreckels to Pacific Fire Extinguisher Co., Jan. 7, 1913
Jan. 7, 1913—SE Market 150-1 1/2 NE Seventh SE 165-1XNE 75. Boston & S. F. Amusement Co (Lessee) to A G Disi, Dec. 30, '12; Mangrum & Otter, Jan. 4, 1913; Metropolitan Constr Co, Jan. 4, 1913; Mangrum & Otter., Dec. 31, 1912
Jan. 7, 1913—NW MONROE & BUSH N 91-6XW 80. Edward Beck to Lennig Eng Co., Jan. 4, 1913
Jan. 7, 1913—S CLAY 60 W Montgomery W 30XS 59-9. Lee Yum, Lee Yeung, Lee Foon and Chan May Choy to J A Hill., Jan. 4, 1913
Jan. 7, 1913—S WASHINGTON 76-4 E Grant Ave 32-2XS 77-6. H R Wil-liar to C D Rankin., Jan. 6, 1913
Jan. 7, 1913—NE PACIFIC AVE AND Devisadero. George A Pope to J H K efe & Co, Dec. 1, 1912; A J Forbes & Son., Dec. 1, 1912
Jan. 7, 1913—SE CALIFORNIA AND Pierce. D Schroder to whom it may concern., Jan. 2, 1913
Jan. 7, 1913—E DOLORES 53 S Liberty. Arthur V Weidon to Ludwig B G Koenig., Dec. 14, 1912
Jan. 7, 1913—NE FIRST & POLSOM E 87-6XN 61-6. John Campe to Robert Trost., Jan. 4, 1913
Jan. 7, 1913—NW TWENTY-THIRD Ave and Clement W 30XN 100. J Mora Moss, gdn Est Alfred T Moss (insane) to whom it may concern., Jan. 4, 1913
Jan. 8, 1913—S BLUXOME 100 W 5th W 50XS 250. Kasper Pischel to Charles Wright., Jan. 2, 1913
Jan. 8, 1913—N JACKSON 66 E Battery E 71-6XN 91-8. Thomas McDonald to Lindgren Co., Jan. 8, 1913
Jan. 8, 1913—NE SACRAMENTO AND Webster N 255-4 1/2X275. The Board of Trustees of The Leland Stanford University to W W Anderson & Co., Jan. 2, 1913
Jan. 8, 1913—E THIRTY-SECOND Ave 125 N California 25X120. Anna M Hanlon to whom it may concern., Jan. 4, 1913
Jan. 9, 1913—S CALIFORNIA 107-6 W 26th Ave 25X100. M R Colton to R A Crothers., Jan. 9, 1913
Jan. 9, 1913—NE MONTGOMERY AND Post N 112-6 E 87-6 S 25 W 23 S 82-11 SW 7-10 W 58-11 1/2. Wells Fargo Nevada National Bank to Peerless Agencies Co., Jan. 4, 1913
Jan. 9, 1913—NE MISSION & FOURTH N 80XE 80. P J Walker Co, agents for The Voorman Co to Dyer Bros Golden West Iron Wks., Jan. 4, 1913
Jan. 9, 1913—NE GEARY & TAYLOR N 60XE 57-6. Emily W Benedict to Caldwell & Co, Lettich Bros, and H W Moffat & Co., Jan. 9, 1913
Jan. 9, 1913—W PIERCE 25 S Chestnut S 25XW 110. G Pera to V. Philippis., Jan. 9, 1913
Jan. 9, 1913—W SIXTH 110 S Market W 75 N 20 W 23 S 75 E 25 N 30 E 75 N 25. Greninger Estate Co to Eureka Iron & Wire Wks., Jan. 7, 1913
Jan. 10, 1913—NW TURK AND POLK N 137-6XW 137-6. German House Association (cpn) to Ignaz and Joseph Berke (Berke Bros), Jan. 7, 1913
Jan. 11, 1913—SW POWELL & SUTTER W 100 S 75 E 100-04 N 76-10. York Realty Co to Sibley Grading & Teaming Co., Jan. 3, 1913
Jan. 11, 1913—NW VAN NESS AVE & Oak W 157-6 N 80 W 21 N 40 E 178-6 S 120. The Masonic Temple Association to H H Larsen & Bros., Jan. 6, 1913
Jan. 11, 1913—W ANDOVER 62-6 N Highland Ave N 26-04 W 114-2 1/2 at an angle of 92.45 deg S 26 E 115-5 1/2. Fred and Pauline Igel to whom it may concern., Jan. 2, 1913
Jan. 11, 1913—S MINNA 125 E 6th E 75XS 75. F H Mesow to whom it may concern., Jan. 11, 1913
Jan. 13, 1913—SW FLORENCE AND Vallejo. Norman B Livermore to Marcus Marcussen., Jan. 5, 1913
Jan. 13, 1913—E MARKET & SPEAR NE 45-10XSE 137-6. Christopher A Buckley to Symthe Bros; Kelleher Mitchell; Adams; Fuller, California Sheet Metal Works; Kerby & Hughes and J Chaban., Jan. 13, 1913
Jan. 13, 1913—W FOURTEENTH AV 125 N Clement. Conservative Bldg & Investment to whom it may concern., Jan. 11, 1913
Jan. 13, 1913—E FORTY-SECOND Ave 200 N Anza. Ethyl H Noble to whom it may concern., Dec. 31, 1913
Jan. 14, 1913—NE CALIFORNIA AND Franklin E 135-3XN 137-6. First Church of Christ Scientist in S F to Chas Sparwasser, Jan. 5, '13; Hetty Bros., Jan. 5, 1913
Jan. 14, 1913—COMG 26-67% FROM NW Market and Front r a 92-8 along W Front W 137-6 S 92-8 E 137-6. A B Spreckels to W P Fuller Co., Jan. 14, 1913
Jan. 14, 1913—E EUREKA 75 S 17th 24-8X123. Theresa Pullen to E A Carson., Jan. 14, 1913
Jan. 14, 1913—COMG AT PT IN BLK 15 which pt is perpendicularly distant 32-6 SW from SW Girard and perpendicularly distant 300 NW fm NW Silliman SW 175 NW 75.734 m or 1 NE 175.21 m or 1 SE 84.246 m or 1. Homestead Realty Co to Wm H Grahn., Jan. 11, 1913
Jan. 14, 1913—N BAY 57-6 W Leavenworth W 30XN 137-6. Pasquale Pensabene to A M Wallen, Jan. 14, 1913
Jan. 14, 1913—SE COMMERCIAL & Front S 59-6XE 60. Elise Drexler by Macdonald & Kahn to Clinton Fireproofing Co., Jan. 14, 1913
Jan. 14, 1913—NE FILBERT & JONES N 70XE 41-5. Maria Tampcke to N Montani & G Stefanini, Jan. 14, '13
Jan. 14, 1913—NE FIRST 179-6 SE Folsom SE 55-6XNE 137-6. Eva L Kortick to whom it may concern., Jan. 9, 1913
Jan. 14, 1913—S BROADWAY 120 E Montgomery E 34-6 S 57-6 W 17-6 S 20 W 57-6 r a 20 E 40 N 57-6. Teresa Chichizola to G Rossi., Jan. 13, 1913
Jan. 15, 1913—S VALLEJO, bet Jones and Leavenworth; Nos. 1127-29-31. Mrs M Ettringham to Devencenzi Bros & Co., Jan. 11, 1913
Jan. 15, 1913—N SUTTER 122-9 W Sansome W 122-3XN 137-6. Chas Holbrook to Williams Bros & Henderson., Jan. 14, 1913

- Jan. 15, 1913—E THIRTEENTH AVE 237-6 N Balboa N 30xE 120. Jno F Witzel to Jno E Beck.Jan. 13, 1913
- Jan. 16, 1913—COMG. 26-6 1/2 N FROM NW Market and Front th 92-8 W 137-6 S 92-8 E 137-6. A B Spreckels to C J Hillard Co.Jan. 14, 1913
- Jan. 16, 1913—N REVERE AVE near Rankin. Raffaelo Delprete to whom it may concern.Dec. 28, 1912
- Jan. 16, 1913—BLK BDED BY ARMY, Duncan, Valencia and San Jose Ave. Geo A Pope, Chairman St. Luke's Hospital to Geo MacGruer.Jan. 11, '13
- Jan. 17, 1913—S TURK 67-6 W Polk W 90 S 120 E 60 N 30 E 30 N 90. Hannah McClure to Howard S Williams.Jan. 15, 1913
- Jan. 17, 1913—SE UNION AND POLK E 75xS 50. Mrs L Monaco to Louis Metter.Jan. 14, 1913
- Jan. 17, 1913—S GENEVA AVE near SE Geneva Ave and Paris Lot 2 Blk 6. Crocker Amazon Tct. Pasquale Morabito to E Swanson.Jan. 8, 1913
- Jan. 17, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Inv Co to Mealy & Collins.Jan. 16, 1913
- Jan. 17, 1913—NE OAK GROVE 125 SE Harrison SE 50xNE 112. The Marin County Milk Producers to whom it may concern.Dec. 23, 1912
- Jan. 17, 1913—SE MARKET 150-1 1/4 NE 7th SE 165-1 to a pt 150-1 1/4 NE 7th NE 165-1 SW 75. Boston and S F Amusement Co to S F Cornice Co, Jan 15; Joseph Musto Sons-Keenan Co.Jan. 15, 1913
- Jan. 17, 1913—SE HOWARD 262-6 NE 4th NE 25xSE 80. Rousseau Realty Co to J Eric Johanson and Brandon & Lawson.Jan. 16, 1913
- Jan. 18, 1913—N PINE 119-2 W Stockton W 38-4xN 59-6. Albert J Atkins to Herman Lawson.Jan. 15, 1913
- Jan. 18, 1913—E DOUGLAS 85 N 22nd N 25xE 134-3. Emma Christy to Robert J McGahey Jr.Jan. 17, 1913
- Jan. 18, 1913—S JERSEY 294 W Dolores. C J Hillard to J Erick Johansen.Dec. 28, 1912
- Jan. 18, 1913—S JACKSON 87-4 E Steiner E 25xS 62-8 1/4. Frank R Grannis to whom it may concern.Jan. 17, 1913
- Jan. 18, 1913—NE CALIFORNIA AND Leidesdorff E 30xN 124. London. Liverpool & Globe Ins Co, Ltd to E M Hule & Co.Jan. 16, 1913
- Jan. 18, 1913—NW FILLMORE AND Pixley Ave N 24xW 100. J E Pier to Petterson & Persson.Jan. 13, 1913
- Jan. 20, 1913—NE MADRID 225 SW Russia Ave NW 25x100. Fred Warden to whom it may concern.Jan. 20, 1913
- Jan. 20, 1913—NE EUREKA 110 N 22nd — 25x114-9. Fred Warden to whom it may concern.Jan. 20, 1913
- Jan. 20, 1913—S EDDY 177-5 W fm intersection of Market, Powell and Eddy S 127-9 1/2 th SW 28-0 1/4 N 144-2 1/4 E 22-9. J K Prior Estate to Martin M Fennell.Jan. 20, 1912
- Jan. 20, 1913—S FILBERT 112-6 E Leavenworth E 25xS 137-6. Andrew Penazzio to Antonio Ferrecio Co.Jan. 10, 1913
- Jan. 20, 1913—N PINLEY AVE 165 E Fillmore E 27-6xN 120. Fortunato and Francesco Scatena to S Francesconi & G Ferroni.Jan. 18, 1913
- Jan. 20, 1913—NE BRODERICK AND Vallejo E 60 N 107-6 W 24-5 S 3-6 W 35-6 S 104. Annie T K Parker to Richard Rice.Jan. 15, 1913
- Jan. 21, 1913—SE MINNA 150 SW 6th 25x80. Joseph B and George J Ruegg to Ruegg Bros.Jan. 18, 1913
- Jan. 21, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 N 25. Greninger Estate Co to A H Wilhelm.Jan. 15; Frank J Klimm.Jan. 13, 1913
- Jan. 21, 1913—S BLUXOME 100 W 5th W 80xS 250. Kaspar Pischel to Decker Elec Constr Co.Jan. 15, 1913
- Jan. 21, 1913—EDDY NO. 38. H J Kurz to Robert Trost.Jan. 21, 1913
- Jan. 22, 1913—NW VAN NESS AVE and Oak W 157-6 N 80 W 21 N 40 E 178-6 S 120. The Masonic Temple Association to J W Bender Roof & Paving Co.Jan. 17, 1913
- Jan. 22, 1913—NE GEARY & TAYLOR N 60xE 57-6. Emily W Benedict to Clinton Fireproofing Co.Jan. 21, 1913
- Jan. 22, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Invst Co to Western Iron Wks.Jan. 16, '13
- Jan. 23, 1913—W TWENTY-SECOND Ave 150 N Vincente N 30xW 120. Parkside Home Bldg Co to whom it may concern.Jan. 18, 1913
- Jan. 23, 1913—W TWENTY-FIRST Ave 33-4 S Taraval S 33-4xW 120. Parkside Home Bldg Co to whom it may concern.Jan. 23, 1913
- Jan. 23, 1913—W LEAVENWORTH 32-6 S Eddy S 25xW 87-6. Alice Sullivan and Sarah T O'Brien to Robt Trost.Jan. 23, 1913
- Jan. 23, 1913—E LARKIN 87-6 N Eddy N 25x87-6. Hulda E Floodberg to J E Scully.Jan. 14, 1913
- Jan. 23, 1913—E THIRD AVE 275 S Balboa. David Jacobbi to T Scolocchetti Constr Co.Completed
- Jan. 23, 1913—E MASON 80 N Geary E 87-6xS 25. D S Dorn to E L Malsbury.Jan. 17, 1913
- Jan. 24, 1913—S CHESTNUT 112-6 E Jones E 25xS 75. Antonio Laroeca and Pasquale Laroeca to O Fraumeni.Jan. 24, 1913
- Jan. 24, 1913—W BANKS 100 S Tomkins Ave S 25x70. St. George Holden to whom it may concern.Jan. 23, 1913
- Jan. 24, 1913—SE MARKET 150-1 1/4 NE 7th SE 165-1 NW 75 NW 165-1 SW 75. Boston & S F Amusement Co (Lessee) to Neil A McLean.Jan. 14, 1913
- Jan. 24, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 N 25. Greninger Estate Co to John G Sutton Co.Jan. 22, 1913
- Jan. 24, 1913—W SIXTH 110 S Market W 75 N 20 W 25 S 75 E 25 N 30 E 75 to W line of 6th 25 to beg. Greninger Estate Co to Martin Peterson.Jan. 22; Mangrum & Otter.Jan. 23, '13
- Jan. 24, 1913—W BANKS 75 S Tomkins Ave S 25x70. St. George Holden to whom it may concern.Jan. 23, 1913
- Jan. 24, 1913—NW GOLDEN GATE Ave and Jones N 137-6xW 137-6. W W Taylor Co to John T E Smyth.Jan. 22, 1913
- Jan. 24, 1913—LOT 79 Spring Valley Hd Ass'n. Edward M Hodgkinson to Edward M Hodgkinson.Jan. 23, '13
- Jan. 24, 1913—E VALENCIA 155 S 15th 42x100. Fred Braun (Lessee) to J Orri and Fred Marschaleck.Jan. 16, 1913
- Jan. 25, 1913—SE TEHAMA 350 SW Fourth SW 25xSE 80. Kate Dwan to Ruegg Bros.Jan. 22, 1913
- Jan. 25, 1913—SE MARKET 75 SW 8th SW 200 SE 275 NE 155 NW 105 NE 45 NW 175. James Otis Trustee to J Branch.Jan. 25, 1913
- Jan. 25, 1913—SE WASHINGTON & Wetmore Place S 62-6xE 28. The Brizolara Est Co to A Ratto & Co and J J McLeod.Jan. 18, 1913
- Jan. 25, 1913—NE GEARY & TAYLOR N 60 W 57-6 S 60 W 57-6. Emily W Benedict to L J Neal.Jan. 24, 1913
- Jan. 27, 1913—PTN EXPOSITION Site. Panama-Pacific International Exposition Co to Standard American Dredging Co.Jan. 23, 1913
- Jan. 27, 1913—BLK BDED BY ARMY, Valencia, Duncan and San Jose Ave John A Emory, Secretary St. Luke's Hospital to Musto Sons-Keenan Co.Jan. 20, 1913
- Jan. 27, 1913—S PAGE 156-3 E Cyle E — S 137-6 W 25 N 137-6. Annie Green to A J Falvey.Jan. 23, 1913
- Jan. 27, 1913—S OAK 100 W Baker W 100 S 137-6 E 50 N 137-6. Annie Green to A J Falvey.Jan. 23, 1913
- Jan. 27, 1913—NW VAN NESS AVE and Oak W 157-6 N 80 W 21 N 40 E 178-6 S 120. The Masonic Temple Association of California to McGilvray Stone Co.Jan. 23, 1913
- Jan. 28, 1913—LOT 12 BLK "G" Silver Terrace. Conrad Young to New Era Bldg Co, Inc.Jan. 8, 1913
- Jan. 28, 1913—W TWENTIETH AVE 294 S Lake S 25xW 120. Alfred T Morris to whom it may concern.Jan. 28, 1913
- Jan. 28, 1913—COMG AT A PT 26-6 1/4 intr NW Market and Front r 92-8 along W Front W 137-6 S 92-6 E 137-6. A B Spreckels to The Pacific Fire Extinguisher Co.Jan. 28, 1913
- Jan. 28, 1913—W TWENTY-FIFTH Ave 250 N California N 25xW 120. Stephania M Clarke to whom it may concern.Jan. 28, 1913
- Jan. 28, 1913—N UNION 60 W Mason W 20xN 60. Thomas M Millar to Luigi Segole.Jan. 22, 1913
- Jan. 29, 1913—N GREEN 70 m or l E Grant Ave 57x59. Peter Bacigalupi, G Casaretto and G Demartini, Italian American Paste Co to Sarville & Largomarsini.Jan. 24, 1913
- Jan. 29, 1913—LOT 28 BLK "L" Mission Terrace. Martha Cohen to R Hanson.Jan. 28, 1913
- Jan. 29, 1913—W DELANO AVE 176 E Santa Ysabel Ave S 25.15x123 Lot 30 Blk "L" Mission Terrace. Kenneth McLeod to whom it may concern.Dec. 28, 1912
- Jan. 29, 1913—SE TWENTY-FOURTH and Harrison 50 feet on 24th and 104 on Harrison. Charles Harkins to Mager Bros.Jan. 25, '13; Edward E Madden.Jan. 25, 1913; J B Ayers.Jan. 25, 1913
- Jan. 29, 1913—W FOURTH AVE 325 S Irving S 25xW 120. Matthew A Little to whom it may concern.Jan. 28, 1913
- Jan. 29, 1913—W CASTRO 149 N 18th N 24.8xW 125. Guiseppe Royai to L B Floan.Jan. 28, 1913
- Jan. 29, 1913—N FOLSOM 25 E Russ E 50xN 80. Ellen M Otto to Wold & Kohn.Jan. 28, 1913
- Jan. 29, 1913—S BUSH 62-6 W Mason S 87-6 E 25 N 87-6 W 25. H S muels to J I Mitrovich Bldg Co.Jan. 29, 1913
- Jan. 29, 1913—E TWENTIETH AVE 275 S Clement — 25 E 120 N 25 W 120. Anna Glentzli to Stevenson & Gowth.Jan. 26, 1913
- Jan. 30, 1913—S CHESTNUT 65 E Jones 3 on Chestnut 87-5. Giovanni Crivello and Pasquale Crivello to whom it may concern.Jan. 25, 1913
- Jan. 30, 1913—E TWENTY-FOURTH Ave 5 N Jinal N 25xE 140. Muriel M Gold, Francis Leach to

Alex O Brown Jan 28, 1913
 Jan 30, 1913—SE CHESTNUT AND
 Scott S 25x8 110. Frank Mica-
 Hzel to W E Grant Jan. 30, 1913
 Jan 30, 1913—NW RAILROAD AVE
 26-1 3-16 SW Fairfax Ave (6th
 Ave South) SW 26-7 3-16 NW
 109-6 NE 25 SE 100 m or 1 ptn
 1-8 1-6 O'Neil & Haley Tct. Wm
 J Pail to M Bruce Jan. 27, 1913
 Jan. 30, 1913—W FIFTH AVE 161.85
 N California N 25xW 120. Geo J
 Olson to Jas J Mauseau Jan. 29, 1913
 Jan. 31, 1913—N VALLEJO 235 E
 Kearny E 20x137-6. L J Camiecia
 and E Garly to Devencenzi Bros
 & Co. Jan. 30, 1913
 Jan. 31, 1913—S VALLEJO 100-5 1/2 E
 Grant Ave E 23-8 1/2 x 34 Irregular
 G Camiecia to Devencenzi Bros &
 Co. Jan. 29, 1913
 Jan. 31, 1913—NW RUSH & CHAT-
 ham Place. The Roman Catholic
 Archbishop of S F to J Collin Jan.
 24, 1913
 Jan. 31, 1913—NE PINE AND JONES
 N 82-6x8 43. Theodore J Roche to
 Dyer Bros. Jan. 29, 1913
 Jan. 31, 1913—N EDDY 205 W De-
 visadero 25x137. Thos F and Nellie
 G Barry and Thos F Lyons to Thos
 F Barry. Jan. 30, 1913
 Jan. 31, 1913—W FIFTEENTH AVE
 125 S Anza S 25xW 127-6. Thos F
 Naughton to Christiansen & Erick-
 son. Jan. 31, 1913
 Jan. 31, 1913—N SUTTER 62-6 W
 Polk—20 N 70 E 20 S 70. O B
 Martin (agt. Belle C Harnes) to
 Monson Bros. Jan. 31, 1913
 Jan 31, 1913—W FIFTEENTH AVE
 150 S Anza S 25xW 127-6. Wm A
 and Bertha Forster to Christian-
 sen & Erickson. Completed
 Jan. 31, 1913—W JESSIE 145 S Du-
 boce Ave (13th) S 25xW 70. Rich-
 ard and Catherine Aylward to P
 Burns. Oct. 31, 1913

San Francisco.

Jan. 2, 1913—E COMMONWEALTH
 Ave 350 N Euclid Ave N 40 m or 1 x
 E 123. J N Enyeart vs Antoinette
 Porter Jan. 2, 1913
 Jan. 3, 1913—S BEACH 68-9 E Larkin
 E 68-9xS 137-6. F Roladni vs P
 Arata Jan. 2, 1913
 Jan. 4, 1913—SE JESSIE AND SW
 Annie SW 32-6 SE 40 NE 32-6 NW
 to beg. C Carneval Marble & Mo-
 sale Co vs Frederick Hess and
 Williams Bros & Henderson. Jan. 3, 1913
 Jan. 8, 1913—W WEBSTER 75 N
 Sutter N 66-8xW 100. W J Mac-
 Tavish vs El Dorado Bldg Co, Inc.
 W C Boswell and Mathilde Propie
 Jan. 8, 1913
 Jan. 10, 1913—NE MISSISSIPPI AND
 Mariposa N 100x85 50. George H
 Tay Co vs Fred Atzeroth, Jacob
 Witzelburger & D R Campbell. \$71.21
 Jan. 10, 1913—NE SUTTER & GOUGH
 having frontage 125 on Sutter and
 137-6 m or 1 running back to Palm
 Ave. No. 1482 Sutter. Sharmar
 Kimball & Co vs Rosalie Roulet and
 John S King. Jan. 10, 1913
 Jan. 13, 1913—NE SUTTER AND
 Gough 125x137-6. J. John F King
 vs Rosalie Roulet Jan. 13, 1913
 Jan. 9, 1913—S PACIFIC 111-6 W
 Montgomery W 26xS 167-6. Bay
 Counties Elec Constr Co vs J
 Michel Jan. 9, 1913
 Jan. 14, 1913—PIERCE NO. 331. F
 L Loveland vs Chas and Jan. 14, 1913

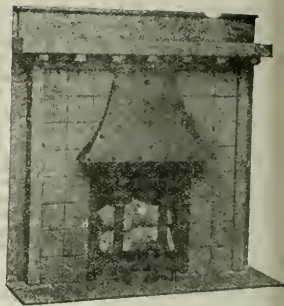
Miller Jan. 14, 1913—E FILLMORE 92 S
 Union S 28x8 87-6. P P McKeon
 and M Mack (McKeon & Mack) vs
 R B Reid Jan. 14, 1913
 Jan. 16, 1913—W TWENTY-THIRD
 Ave 175-6 N Judah N 37-6xW 120.
 Redwood Manufacturers Co vs E
 A Wiegand, D F Duffy and E J
 Welch Jan. 16, 1913
 Jan. 23, 1913—NW BARTLETT & 23rd
 W 25xN 80. G and M Sheet Metal
 Works vs John Doe Craft. Jan. 23, 1913
 Jan. 25, 1913—W RHODE ISLAND
 100 S 24th S 25xW 100. Geo V
 Nicholls vs Owen J Gallagher and
 W H Morphy. Jan. 25, 1913
 Jan. 27, 1913—W RHODE ISLAND
 100 S 24th S 25xW 100. E Crook
 vs Owen J Gallagher. Jan. 27, 1913
 Jan. 28, 1913—SE MARKET 150-1 1/2
 NE 7th SE 165-1xNE 75. Novelty
 Elec Sign Co vs John Doe Stern
 and Boston and S F Amusement
 Co & Metropolitan Constr Co. \$628.05
 Jan. 29, 1913—NE CALIFORNIA AND
 Sixth Ave E 32-6x100. S Ginsberg
 & Co vs H J H Lorenzen and Felix
 Marcuse Jan. 29, 1913
 Jan. 30, 1913—S CLEMENT 45 W 51st
 Ave W 50xS 100. W E Grant vs
 Wm P O'Brien. Jan. 30, 1913
 Jan. 30, 1913—W RHODE ISLAND
 100 S 24th S 25xW 100. Anderson
 Bros Planing Mill & Mfg Co vs
 Owen Gallagher Jan. 30, 1913
 Jan. 31, 1913—W RHODE ISLAND
 100 S 24th S 25xW 100. Edw E
 Madden vs Owen J Gallagher. Jan. 31, 1913

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE—2 story and base,
 frame, \$3,500. Oakland, Cal. Archi-
 tect, none. Owner, C. E. Carlson, 1512
 Grove St., Berkeley. The dwelling has
 been designed for a seven-room house
 with bath and sleeping porch. Interior
 finish will be of pine and redwood with
 hardwood floors in the principal rooms.
 There will be furnace heat and open
 fire places. Mantels will be of tile or
 brick. Tile will be used in the bath
 room and kitchen. The exterior of the
 house will be covered with cement
 plaster. Plans are complete and the
 work will be done by Day Labor.

RESIDENCE—2 story and base,
 frame, \$3,500. Oakland, Cal. Archi-
 tect, none. Owner, C. E. Carlson, 1512
 Grove St., Berkeley. The house has
 been designed for a seven-room dwell-
 ing with bath. Interior finish will be
 of pine, redwood and elm veneer.
 Hardwood floors will be used in the
 principal rooms. There will be open
 fire places and brick mantels. An au-
 tomatic water heater will be installed.
 Tile will be used in the bath room and
 kitchen. The exterior will be covered
 with cement plaster. Plans are com-
 plete and the work will be done by
 Day Labor.

BUNGALOW—1 1/2 story and base,
 frame, \$2,500. Berkeley, Alameda Co.,
 Cal. Architect, none. Owner, J. A.
 Johnson, 2234 Roosevelt avenue, Berke-
 ley. The house will contain six
 rooms and bath. All interior finish will
 be of redwood. Oak floors will be used
 in the dining and living rooms. A
 large open fire place will be a feature
 of the house. Mantel will be of brick.
 Tile will be used in the bath room and
 kitchen. The exterior of the bungalow
 will be covered with rustic. Plans are
 complete and in the hands of the own-



Pacific Mantel and Tile Co.

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OAKLAND, CAL.

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Residence Phone, Oakland 8622

er who will do the work by Day Labor.
 APARTMENT HOUSE—3 story and
 base, frame, \$25,000 or more. Berkeley
 Alameda Co., Cal. Architect, C. O.
 Clausen, Phelan Bldg., S. F. Owner's
 name withheld. Preliminary plans for
 one of the most modern apartment
 house structures in Berkeley are be-
 ing prepared and complete information
 will be published later. Suites will be
 of the two and three room type and
 there will probably be in the neighbor-
 hood of 14 to 20 contained in the build-
 ing. Details of construction cannot be
 given until the working drawings are
 started

GARAGE—1 story and base. Cost
 not stated. Oakland, Cal. Architect,
 none. Owners, City of Oakland. Plans
 for an additional garage to be erected
 in the Corporation Yards are complete
 and figures have been advertised for.
 Bids will be opened on February 6th.
 Plans and specifications can be secured
 from the City Clerk. Work is to be
 done under the direction of the Super-
 intendent of Streets. The official
 proposal appears in another column of
 this issue.

BUNGALOW—1 1/2 story and base,
 frame, \$2,500. Oakland, Cal. Archi-
 tect, W. H. Judson, Albany Bldg., Oak-
 land. Owner, S. S. Wright. The dwell-
 ing has been designed for a five-room
 house with bath. All interior finish
 will be of pine or redwood. Oak floors
 will be used in the living room and
 dining room. There will be open fire
 places and tile or brick mantels. The
 exterior of the house will be covered
 with cement plaster. Plans are com-
 plete and figures will be called for at
 once.

BUNGALOW—1 story and base,
 frame, \$2,000. Berkeley, Alameda Co.,
 Cal. Architect, none. Owner, J. L.
 Bredehoft, 2219 Woolsey St., Berkeley.
 The house is designed to contain five
 rooms and bath. Interior trim will be
 of pine and redwood. Oak floors will
 be used in the principal rooms. There
 will be a large open fire place and
 brick mantel in the living room. Bath
 will be wainscoted with tile and tile
 will also be used back of the kitchen
 sink. The exterior of the house will

covered with cement plaster. Plans complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, same, \$6,000. Alameda, Alameda Co., Cal. Architect, National Architectural and Engineering Co., Foxcroft Bldg., P. Owner's name withheld. The dwelling has been designed for a nine-room house with bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will be finished in tile. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, same. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, George H. Richardson. The dwelling will be erected in only Scenic Park, and will contain eight rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bathroom and kitchen. An automatic water heater will be installed. The exterior of the dwelling is to be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am't.
210	Oakland	Faulkes	490
211	Oakland	Faulkes	490
212	Oakland	Faulkes	490
213	Taylor	Peters	2750
214	Choffin	Choffin	1500
215	Sampson	McCreary	2000
216	Habisreitering	Flittner	2500
217	Steinle	Carlson	3500
218	Mills	Mills	2500
219	Wishart	Wishart	1500
220	Burritt	Burritt	2000
221	Wright	Malick	1600
222	Drath	Drath	500
223	Ballard	Bayliss	450
224	Langtry	Langtry	450
225	Keefe	United Bldgs	2500
226	Sill	Pearson	7582
227	1st Pres Ch.	Atlas	6770
228	Salinger	Kennedy	2500
229	Bechtel	Larson	2350
230	Avan	Anderson	500
231	Kagnaro	Kagnaro	400
232	Preble	Larner	550
233	Keiser	McCreary	500
234	Hamberton	Owner	2000
235	Hessman	Kulchar	1000
236	Miller	Miller	450
237	Hudson	Hudson	2500
238	Stephen	Holloway	2850
239	Kashimura	Yoshicki	400
240	Same	Same	500
241	Same	Same	500
242	Same	Same	500
243	Beckett	Beckett	500
244	Soutana	Nichols	500
245	Bolts	Bolts	2000
246	Winslow	Winslow	1900
247	Davis	Davis	1800
248	Garretson	Lassen	2518
249	Seneria	Bradshaw	400
250	Cahn	Shulter	400
251	Van Uxim	Van Uxim	400
252	Dineen	Dineen	400
253	Petersen	Aalta	1800
254	Carleton	Owner	3500
255	Beckett	Carter	3500
256	Peppin	Peppin	3500
257	Helmund	Helman	3000
258	Oakland	Christensen	549
259	Siegrist	Johnson	500
260	Phitte	Pillote	450
261	Panella	Panella	500
262	Demartine	Peterson	3500
263	Ashbury	Ashbury	1000
264	Kalbin	Kalbin	1500
265	Jordan	Blake	4825

282	Young	Young	2000
283	Woodward	Woodward	3250
284	Albertsen	Albertsen	2500
285	Flettner	Wieland	2750

(210) LOCKWOOD SCHOOL GROUNDS
Oakland. One-story 1-room school.
Owner.....City of Oakland.
Architect.....None.
Contractor.....J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$490

(211) ELMHURST SCHOOL GROUNDS.
Oakland. One-story 1-room school.
Owner.....City of Oakland.
Architect.....None.
Contractor.....J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$490

(212) MELROSE HEIGHTS SCHOOL,
Oakland. One-story 1-room school.
Owner.....City of Oakland.
Architect.....None.
Contractor.....J. R. Faulkes, 9828 E-14th, Oakland.

COST, \$3490

(213) W HANOVER 180 NE Newton,
Oakland. One and one-half-story 7-room dwelling.
Owner.....Taylor Bros., 1st National Bank Bldg., Oakland.

Architect.....None.
Contractor.....Fred Peters, 339 Portland Ave., Oakland.

COST, \$2750

(214) N MAYEW AVE 230 — California, Oakland. One-story 5-room dwlg.
Owner.....Nora S. Choffin, 3745 Mayew Ave., Oakland.

Architect.....None.
Contractor.....J. E. Choffin, 3745 Mayew Ave., Oakland.

COST, \$1500

(215) E WHEELER 10 N 65th, Oakland. One and one-half-story six-room dwelling.
Owner.....Mrs. H. L. Sampson, 595 Appar, Oakland.

Architect.....None.
Contractor.....McCreary & Sampson, 595 Appar, Oakland.

COST, \$2000

(216) NO. 1600 THIRTY-FIFTH AVE., Oakland. One-story 3-room plumbing shop.
Owner.....Max Habisreitering, Prem.

Architect.....None.
Contractor.....Jos. Flittner, 1700 35th Ave., Oakland.

COST, \$600

(217) N ELWOOD AVE 40 E Jean, Oakland. One-story 5-room dwlg.
Owner.....Geo. Steinle, 727 17th, Oakland.

Architect.....None.
Day's work.

COST, \$2500

(219) S KEITH AVE 483 E College Ave., Oakland. Two-story 7-room dwelling.
Owner.....C. E. Carlson, 1512 Grove, Berkeley.

Architect.....None.
Day's work.

COST, \$3500

(220) E FAIRFAX AVE 800 N Ygnacio Ave., Oakland. One and one-half-story 7-room dwelling.
Owner.....Edgar O. Mills, 908 Washington, Oakland.

Architect.....None.
Day's work.

COST, \$2500

(221) N FIFTY-SEVENTH 100 W Genoa, Oakland. One-story five-room dwelling.
Owner.....Jno. Wishart, 805 Alleen, Oakland.

Architect.....None.
Day's work.

COST, \$1500

(222) S FORTY-FIFTH 200 E Shafter Ave., Oakland. One-story five-room dwelling.
Owner.....W. H. Burritt, 770 60th, Oakland.

Architect.....None.
Contractor.....O. L. Burritt, 427 63rd, Oakland.

COST, \$2000

(223) W 106TH AVE 280 S Bigereau, Oakland. One-story 4-room dwlg.
Owner.....Geo. I. Wright, 2619 Valdez, Oakland.

Architect.....None.
Contractor.....Malick & Begier, 2000 90th Ave., Oakland.

COST, \$1600

(224) N THIRTY-FOURTH 166 W Grove, Oakland. Garage and stable.
Owner.....H. Drath, 682 34th, Okd.

Architect.....None.
Day's work.

COST, \$500

(225) NO. 447 FOURTEENTH, Oakland Alterations.
Owner.....Jas. Ballard, Premises.
Architect.....None.
Contractor.....Corbett & Bayliss, 110 Franklin, Oakland.

COST, \$450

(226) SW TWENTY-SECOND AND West, Oakland. Alterations.
Owner.....R. Langtry.
Architect.....None.

Day's work.

COST, \$450

(227) E KINGSTON AVE 201 Green-bank, Piedmont. Bungalow.
Owner.....G. W. Keefe, Oakland.
Architect.....None.

Contractor.....United Home Builders, 1762 Broadway, Oakland.

COST, \$2500

(228) LOT 2 BLK 1 Thousand Oaks, Berkeley. All work for two-story and basement frame dwelling.
Owner.....Mrs. S. J. Sill, 2209 Shattuck Ave., Berkeley.

Architect.....John Hudson Thomas, 1st National Bank Bldg., Bkly.

Contractor.....Ben Pearson, 2403 Grant, Berkeley.

Filed Jan. 28, '13. Dated Jan. 25, '13.

Frame up.....34

Blown coated.....34

Accepted.....34

Usual 35 days.....34

TOTAL COST, \$7582

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(229) TWENTY-SIXTH, BROADWAY and Webster, Oakland. Scaffolding, mortar, labor for church building.
Owner.....First Presbyterian Church by Atlas Stone Co., 2315 Blanding Ave., Alameda.

Architect.....None.
Contractor.....Stephen McPherson.

Filed Jan. 28, '13. Dated Nov. 20, '12.

End of first 30 days and every 30 days thereafter.....75%

Usual 35 days.....25%

TOTAL COST, \$6770

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(241) NO. 1173 BROADWAY, Oakland.
Alterations.
Owner.....A. M. Sallinger, Premises.
Architect...None.
Contractor...F. T. Kennedy, 915 Rose
Ave., Piedmont.
COST, \$2500

(242) SE PERRY AND JEAN, Oak-
land. Two-story 3-room garage.
Owner.....W. A. Bechtel, Premises.
Architect...None.
Contractor...Anderson & Larson, 460
Jean, Oakland.
COST, \$600

(243) N EIGHTH 200 E Franklin,
Oakland. One-story brick store.
Owner.....J. Avan, 5455 College Ave.,
Oakland.
Architect...None.
Contractor...T. Anderson & Son, 5456
College Ave., Oakland.
COST, \$2350

(245) NO. 5918 VALLEJO, Oakland.
One-story addition.
Owner.....Lorenzo Kagnaro, Prem.
Architect...None.
Day's work.
COST, \$400

(246) E COLBY AVE 100 N 60th, Oak-
land. Fire repairs.
Owner.....W. Preble, Premises.
Architect...None.
Contractor...Edw. Larmer, 631 Polrier,
Oakland.
COST, \$550

(247) NO. 2822 FRUITVALE AVE.,
Oakland. Alterations.
Owner.....H. A. Kalser, Premises.
Architect...None.
Contractor...McCreary & Sampson, 595
Apgar, Oakland.
COST, \$500

(248) E DIVISION 465 N 35th, Oak-
land. One-story 5-room dwelling.
Owner.....Mabel Hambleton, 585 43d,
Oakland.
Architect...None.
Contractor...F. Hambleton, 585 43d,
Oakland.
COST, \$2000

(249) THIRTEENTH AND WASHING-
ton, Oakland. Alterations.
Owner.....C. J. Heeseman, Premises.
Architect...None.
Contractor...S. Kulcher & Co., 518 4th,
Oakland.
COST, \$1000

(240) NO. 6222 VIRGINIA, Oakland.
Alterations and additions.
Owner.....N. J. Miller, Premises.
Architect...None.
Day's work.
COST, \$450

(241) SE BROOKLYN & VAN DYKE
Aves., Oakland. Two-story 14-room
flats and stores.
Owner.....Geo. Hudson, 1307 E-33d,
Oakland.
Architect...None.
Day's work.
COST, \$2500

(242) W HASTINGS AVE 40 S Santa
Rita Ave., Oakland. One-story 5-
room dwelling.
Owner.....F. W. Stephens, 2520 E-22d
Oakland.
Architect...None.
Contractor...Jno. T. Holloway, 184y-
wards.
COST, \$2850

(244) E 105TH AVE 120 N Edes Ave.,
Oakland. One-story shed.
Owner.....K. Nakashima, Premises.
Architect...None.
Contractor...M. Yoshichi, 269 8th, Okd.
COST, \$400

(245) E 105TH AVE 90 N Edes Ave.,
Oakland. One-story greenhouse.
Owner.....K. Nakashima, Premises.
Architect...None.
Contractor...M. Yoshichi, 269 8th, Okd.
COST, \$500

(246) E 105TH AVE 50 N Edes Ave.,
Oakland. One-story greenhouse.
Owner.....K. Nakashima, Premises.
Architect...None.
Contractor...M. Yoshichi, 269 8th, Okd.
COST, \$500

(247) E 105TH AVE 10 N Edes Ave.,
Oakland. One-story greenhouse.
Owner.....K. Nakashima, Premises.
Architect...None.
Contractor...M. Yoshichi, 269 8th, Okd.
COST, \$500

(248) NO. 3522 TELEGRAPH AVE.,
Oakland. Alterations.
Owner.....Jno. P. Beckett, 2035 Chan-
ling Way, Oakland.
Architect...None.
Day's work.
COST, \$500

(249) NO. 1624 NINETY-EIGHTH AV.,
Oakland. Alterations.
Owner.....Jesse M. Soutana, Prem.
Architect...None.
Contractor...H. J. Nichols, 1325 93rd
Ave., Oakland.
COST, \$500

(250) E CONGRESS AVE 580 N
Ygnacio, Oakland. One-story five-
room dwelling.
Owner.....M. C. Bolts, 2230 San Jose
Ave., Alameda.
Architect...None.
Day's work.
COST, \$2000

(251) S THIRTY-NINTH 169 W Mar-
ket, Oakland. One-story 4-room dwlg
Owner.....E. L. Winslow, 825 Howard
San Francisco.
Architect...None.
Day's work.
COST, \$2000

(252) SW PERALTA & BENA, Oak-
land. One-story 5-room dwelling.
Owner.....Geo. B. Davis, 2043 Rose-
dale Ave., Oakland.
Architect...None.
Day's work.
COST, \$1900

(252) W PERALTA AVE 35 S Bona,
Oakland. One-story 5-room dwlg.
Owner.....Geo. B. Davis, 2043 Rose-
dale Ave., Oakland.
Architect...None.
Day's work.
COST, \$1900

(256) W DIAMOND 119.96 N 41st W
75xS 40, Oakland. All work for one-
story five-room dwelling.
Owner.....Mrs. Mae and John D.
Garretson, 67 Post, S. F.
Architect...Al. J. Mazurette, 1522
Broadway, Oakland.
Contractor...Lassen Bros.
Filed Jan. 29, '13. Dated Jan. 23, '13.

Framing up 1/4
Plaster finished 1/4
Finish on 1/4
Usual 35 days. 1/4
TOTAL COST, \$2518.50
Bond, limit, forfeit, none. Plans and
specifications filed.

(257) NO. 1010 WASHINGTON, Oak-
land. Alterations.
Owner.....H. Semerla, Premises.
Architect...None.
Contractor...L. Bradshaw.
COST, \$100

(258) COR. TWELFTH AND BRUSH,
Oakland. Alterations.
Owner.....Cahn Nickelsberg Co.
Premises.
Architect...None.
Contractor...J. F. Shrader, 523 16th
Oakland.
COST, \$400

(259) NO. 2652 WAKEFIELD AVE
Oakland. Alterations.
Owner.....Frank Van Uxim, Premises.
Architect...None.
Day's work.
COST, \$400

(260) E WEST 500 S 47th, Oakland.
One-story 4-room dwelling.
Owner.....Mrs. E. Dineen.
Architect...None.
Day's work.
COST, \$400

(267) S FIFTY-THIRD 50 W Genoa
Oakland. Two-story 8-room dwlg.
Owner.....Adolph Petersen, 1316 Ad-
dison, Berkeley.
Architect...None.
Contractor...E. J. Aalto, 1531 Califor-
nia, Berkeley.
COST, \$1900

(268) N WELD 350 E 69th Ave., Oak-
land. One-story 5-room dwelling.
Owner.....S. Carleton, 6996 Weld
Oakland.
Architect...None.
Day's work.
COST, \$1800

(269) SE SIXTIETH AVE 105 SW E-
14th, Oakland. Two-story 8-room
dwelling.
Owner.....J. A. Beckett, 1228 60th
Ave., Oakland.
Architect...None.
Contractor...W. C. Carter, 1253 60th
Ave., Oakland.
COST, \$3500

(270) N STANLEY ROAD 90 E Vol-
taire Ave., Oakland. Two-story five-
room dwelling.
Owner.....J. B. Peppin Jr., San Le-
andro.
Architect...None.
Day's work.
COST, \$2300

(271) E MIRA VISTA AVE 100 N
Elwood Ave., Oakland. Two-story 9-
room dwelling.
Owner.....L. F. Helmond, 2521 12th
Ave., Oakland.
Architect...None.
Contractor...Jno. Helmman, 2521 12th
Ave., Oakland.
COST, \$3000

(272) NE E-TWENTY-FOURTH AND
10th Ave., Oakland. One-story two-
room school building.
Owner.....City of Oakland.
Architect...Ed. S. Bolles, Security Bk.
Bldg., Oakland.
Contractor...Christenson Bros., 237
Wayne Ave., Oakland.
COST, \$5194

(275) N SEVENTH 50 W Cedar, Oak-
land. Alterations.
Owner.....Louis Siegrist, 51st and
Claremont Ave., Oakland.
Architect...None.
Contractor...B. O. Johnson & Son, 2014
E-30th, Oakland.
COST, \$500

276) NO. 1311 EIGHTY-SEVENTH
Ave., Oakland. One-story two-room
dwelling.
Owner.....V. Pilotte, Premises.
Architect...None.
Day's work. COST, \$450

277) NO. 625 TENTH, Oakland. Alter
owner.....M. Panella, Premises.
Architect...None.
Day's work. COST, \$500

278) E CHETWOOD 300 N Santa
Rosa, Oakland. Garage.
Owner.....Walter Dermartine, 643
Chetwood, Oakland.
Architect...None.
Contractor...A. Peterson, 1201 19th, Okd
COST, \$550

(279) S SANTA RAY 500 E Calmar,
Oakland. Three-story 7-room dwlg.
Owner.....J. R. Ashbury, 618 14th,
Oakland.
Architect...None.
Day's work. COST, \$3500

(280) S FIFTY-NINTH 250 W Tele-
graph Ave., Oakland. One-story four-
room dwelling.
Owner.....O. A. Pichel, Premises.
Architect...None.
Contractor...Nemo Constr. Co., Albany
Block, Oakland.
COST, \$1000

(281) N BRISTOL 282 E Curtis, Oak-
land. One-story 5-room dwlg.
Owner.....Ed. Kalnin, 2023 San Pablo
Ave., Oakland.
Architect...None.
Day's work. COST, \$1500

(282) W OAK 333 ft. 6 in. N 14th N
45xW 160, Oakland. Plumbing, gas
fitting, leaders, heating plant, hot
water plant, two oil burners, fess
type, storage tank, stand pipe, sewers
water and gas service for three-
story and basement frame apart-
ments. Contract price to be di-
vided as follows: For plumbing,
\$3225; balance of work, \$1600.
Owner.....F. R. Jordan, Howe and
Mather, Oakland.
Architect...C. W. McCah, Central
Bank Bldg., Oakland.
Contractor...L. W. Blake, Oakland.
Filed Jan. 31, '13. Dated Jan. 28, '13.

PLUMBING

Rough plumbing finished on 2nd
floor 20%
Rough plumbing passed by in-
spector 20%
Completion of building 30%
Usual 35 days 30%

BALANCE OF WORK

Pipes installed 20%
Hot water tanks, hot water
boiler and steam boiler in. 20%
Completion of building 30%
Usual 35 days 30%

TOTAL COST, \$1825

Bond, \$2412.50. Surety, Fidelity & De-
posit Co. of Maryland. Limit, as soon
as possible. Forfeit, none. Plans and
specifications filed.

(283) W AILEEN 34 W Dover, Oak-
land. One-story 6-room dwelling.
Owner.....Jas. H. Young, 702 Aileen,
Oakland.
Architect...None.
Day's work. COST, \$2000

(284) W THIRTEENTH AVE 200 S
Brighton. One and one-half-story 6-
room dwelling.

Owner.....E. W. Woodward, 1540
Broadway, Oakland.
Architect...None.
Day's work. COST, \$3250

(285) E-TWENTY-SECOND AVE 125
S E-27th, Oakland. Two-story six-
room dwelling.
Owner.....R. Albertsen, 1801 Wool-
sey, Oakland.
Architect...None.
Day's work. COST, \$2500

(286) N BOWIE 14 E Howard Ave.,
Piedmont. One-story residence.
Owner.....O. W. Flettner, 65 Fair-
view Ave., Piedmont.
Architect...None.
Contractor...P. N. Winlund, Piedmont.
COST, \$2750

Building Contracts Awarded.

Berkeley.

218 Hale	Dildin	2375
230 McRae	Jersman	4000
231 Olsen	Olsen	2000
243 Pedersen	Miller	1500
254 Wilson	Sairanen	3950
255 Kelsey	Sairanen	4475
273 Am Photo	Pearson	17300
274 Peake	Pinkerton	2500

(218) E CALIFORNIA 75 N Ashby,
Berkeley. One and one-half-story 7-
room dwelling.
Owner.....W. T. Hale, 732 Madison,
Oakland.
Architect...None.
Contractor...Ernsberger & Dildin, 325
59th, Oakland.
COST, \$2375

(230) N VIRGINIA 45 W Arch, Ber-
keley. Two-story 8-room dwelling.
Owner.....McRae, Jersman & Bisson
1917 Bancroft Way, Bkly.
Architect...None.
Contractor...John H. Jersman, 1917
Bancroft Way, Berkeley.
COST, \$4000

(231) E MCGEE 135 N Berkeley Way,
Berkeley. One and one-half-story 5-
room dwelling.
Owner.....N. Olsen, 2415 7th, Bkly.
Architect...F. M. May, 2145 Center,
Berkeley.
Day's work. COST, \$2000

(243) SW MCGEE AND OREGON, Ber-
keley. Add one-story 3-room store.
Owner.....R. Pedersen, 2828 McGee,
Berkeley.
Architect...None.
Contractor...N. P. Miller, 740 34th, Okd.
COST, \$1500

(254) LOT 3 Elmwood Court Tract,
Berkeley. All work for two-story
and basement frame dwelling.
Owner.....Ellis C Wilson and G. P.
Kelsey, 2742 Webster, Bkly
Architect...Olin S. Grove, 2911 Tele-
graph Ave., Berkeley.
Contractor...Oscar Sairanen, Berkeley.
Filed Jan. 29, '13. Dated Jan. 28, '13.
Frame up and rafters on.....\$987.50
1st coat exterior and interior
plaster on 987.50
Completed and accepted..... 987.50
Usual 35 days 987.50
TOTAL COST, \$3950.00

Bond, \$1975. Surety, Maryland Casu-
alty Co. Limit, 110 days. Forfeit,
none. Plans and specifications filed.

(255) LOT 4 Elmwood Court Tract,
Berkeley. All work for two-story

and basement frame dwelling.
Owner.....Ellis C. Wilson and G. P.
Kelsey, 2215 Ellsworth,
Berkeley.

Architect...Olin S. Grove, 2911 Tele-
graph Ave., Berkeley.
Contractor...Oscar Sairanen, Bkly.
Filed Jan. 29, '13. Dated Jan. 29, '13.
Frame up and rafters on..... 1/4
1st coat interior and exterior
plaster on 1/4
Completed and accepted..... 1/4
Usual 35 days 1/4
TOTAL COST, \$4475
Bond, \$2250. Surety, Maryland Casu-
alty Co. Limit, 110 days. Forfeit,
none. Plans and specifications filed.

(273) E BONAR 100 N Addison, Ber-
keley. One and two-story Class "C"
factory.
Owner.....American Photo Player Co.
Addison & Bonar, Bkly.
Architect...Coates E. Traver and
Walter W. Crapo, 703 Head
Bldg., San Francisco.
Contractor...Ben Pearson, 2403 Grant,
Berkeley.
COST, \$17,300

(274) E GROVE 300 S Yolo, Berkeley.
One-story 6-room dwelling.
Owner.....Peack-Munro Co., 2035
Shattuck Ave., Berkeley.
Architect...None.
Contractor...J. A. Pinkerton, 1931
Berryman, Berkeley.
COST, \$2500

Building Contracts Awarded.

Alameda.

261 Forsyth	Stewart	750
262 Dunleavy	Fish	2400
263 Hastings	Lundholm	460
264 Pond	Mehrtens	1550
265 Guillaume	Owner	400
266 Connor	Delany	6000

(261) NO. 3219 BRIGGS AVE., Ala-
ameda. Cottage in rear.
Owner.....Ella Forsyth, Premises.
Architect...None.
Contractor...G. W. Stewart, 3019 Cen-
tral Ave., Alameda.
COST, \$750

(262) NO. 3017 SANTA CLARA AVE.,
Alameda. One-story dwelling and
garage.
Owner.....F. T. Dunleavy, 3219
Briggs Ave., Alameda.
Architect...M. H. Fish, 1528 Court,
Alameda.
Day's work. COST, \$2400

(263) NO. 520 CENTRAL AVE., Ala-
ameda. Addition.
Owner.....S. C. Hastings, Premises.
Architect...None.
Contractor...J. M. Lundholm, 1717
Wood, Alameda.
COST, \$460

(264) NO. 1714 WOOD, Alameda.
One-story dwelling.
Owner.....Harry S. Pond, Alameda.
Architect...None.
Contractor...H. G. Mehtrens, 1600 Web-
ster, Alameda.
COST, \$1550

(265) NO. 2527 LINCOLN AVE., Ala-
ameda. Alterations.
Owner.....P. Guillaume, Pope Valley,
Napa Co., Cal.
Architect...None.
Day's work. COST, \$400

(266) No. 1651 SAN ANTONIO AVE., Alameda. Two-story dwelling. Owner... Herbert P. Connor, Care 2303 Central Ave., Alameda. Architect... Plans by owner. Contractor... Delaney & Randlett. 2303 Central Ave., Alameda. COST, \$6000

COMPLETION NOTICES.

Alameda.

Jan. 24, 1913—NE THIRTEENTH & Harrison N 200x E 300, Okd. P J Walker (agent Oakland Hotel Co) to Newberry, Bendheim Elec Co. Jan. 11, 1913
Jan. 24, 1913—SE 50 LOTS 15, 16, 17 and SE 60 Lots 18 and 19 Blk 16 Map Boulevard Park, Brooklyn Tp. W J McDonald to H D Graves. Jan. 18, 1913
Jan. 25, 1913—LOT 1 BLK 10 Berryman Tract, Bkly. Lillian J and H C and L J Reld to E J Aalto. Jan. 25, 1913
Jan. 25, 1913—E 10 LOT 48 and W 25 Lot 47 Map Lawton Ave Tract, Okd. Margaret McArthur to Chas McArthur. Jan. 25, 1913
Jan. 25, 1913—LOT 3 Map Park View Tract, except begin. W cor Lot 3 SE 7.08 SW 21.27 NE 21.24 to beg, Oakland Tp, Piedmont. Mae Elizabeth Cummings to A T Spence. Completed
Jan. 25, 1913—PTN LOT 3 BLK 1, Map University Homestead Association No. 5, Bkly. Rosa N Pluth to whom it may concern. Jan. 18, 1913
Jan. 25, 1913—LOT 4 RANGE 7, Map Subdiv 6 and 7, Hardy Tract, Bkly. Frank Girsch to Sullivan Bros. Jan. 24, 1913
Jan. 25, 1913—W COR. LOT 3 NW 3.81 NE 29.47 SW 29.43 to beg, Map Park View Tract, Oakland Tp., Piedmont. Mas Ellaabeth Cummings to A T Spence. Completed
Jan. 27, 1913—LOTS 13 AND 14 BLK "X" Toler Heights, Brooklyn Tp. Mrs E A Ryder to Chesney Bros. Jan. 6, 1913
Jan. 27, 1913—LOT 10, Bachelors Tct, Okd. Parthenia D and Blinn S Bryant to Karl H Ourish. Dec. 26, '12
Jan. 27, 1913—LOT 138 Map Woodlawn Park, Okd. John E Murphy to whom it may concern. Jan. 25, 1913
Jan. 27, 1913—LOT 13, except ptn lying N line parallel and distant r a 53 S N boundry line Lot 13 and all Lot 14, except ptn S line parallel and distant r a 13 N; S bndry line Lot 14 Map Central Piedmont Tract, Oakland Tp, Piedmont. Helen A Brouse to Charles N Grant. Jan. 27, 1913
Jan. 28, 1913—PTN LOTS 30 AND 31 Map Knox Park, Okd. Ralph L Wilson to C A Doss. Jan. 24, 1913
Jan. 29, 1913—NW 35 FT. OF SE 45 ft. Lot 21 Blk 21 Map Boulevard Park, Brooklyn Tp, Oakland. J W Wintner to H D Graves. Jan. 23, 1913
Jan. 30, 1913—N PALMETTO AVE 160 W Boston Ave W 40x N 110, Okd. May Edith Kenney to H S Pratt. Jan. 2, 1913
Jan. 30, 1913—W 50 FT. LOT ON E Hillegasser Ave 50 S Derby, Bkly. Louis Engler to whom it may concern. Jan. 29, 1913
Jan. 31, 1913—LOT 62 Amended Map Woodlawn, Okd. Otto Mallanen to whom it may concern. Dec. 20, 1912

LIENS FILED

Alameda.

Jan. 23, 1913—W CALIFORNIA 98.53 N Cedar N 40x W 117.17, Bkly. John J Sullivan vs Luigi Carusio... \$107.38
Jan. 25, 1913—LOT 8 Walker & Brad-hoff Re-Subdivn, Bkly. J W Rule vs Ray Cunningham. \$41.65
Jan. 29, 1913—N HYDE 375 W Per-alta Ave W 50, Lots 47 and 48 Elec Heights Tract; No. 3134 Hyde, Okd. W N Whitmore vs Hans Boyer. \$49.20

SAN JOSE AND THE SANTA CLARA VALLEY.

APARTMENT HOUSE—2 story and base, brick and concrete, \$15,000. Watsonville, Santa Cruz Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owner, J. H. Jensen. The building will be arranged for a store on the first floor and modern two and three room apartments on the upper floors. A central heating system will be installed. Interior will be finished in pine and redwood. Some oak floors will be used. There will be private baths and wall beds. Bath rooms will be finished in tile. The exterior of the building will be faced with cement plaster. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$7,000. Menlo Park, San Mateo Co., Cal. Architect, Edward G. Garden, Phelan Bldg., S. F. Owner, B. H. Pratt. The dwelling will contain eight or nine rooms, baths and sleeping porch. Interior trim will be largely of hardwood. Oak floors will be used throughout. Baths will be finished in tile. There will be a central heating system and a vacuum cleaning plant. Open fire places and brick or tile mantels will be used in the living and dining rooms. The exterior of the house will be covered with rustic. Plans are complete and figures are being taken.

Reject All Figures For Hester School.

Lowest Bid Received for the Construction is Far Above Amount Available and Contract Not Let.

At a meeting of the Board of School Trustees of the Hester School District, in San Jose, bids were opened for the construction of the new building and all were found to be in excess of the amount available. The lowest general bid received called for \$89,798, which is some \$10,000 more than is available. All bids have been rejected and checks have been returned. Whether or not a revision of the plans and specifications will be necessary has not been determined. Plans for the building were prepared by Architect Norman F. Marsh of Los Angeles.

Building Contracts.

SANTA CLARA COUNTY.

NO. 1149 S-PLUM, San Jose. Four-room shack.
Owner.... S. G. Arredondo, Premises.
Architect... None.
Day's work. COST, \$400

NO. 23 W-JEROME, San Jose. Five room cottage.
Owner.... E. A. Bevins, Premises.
Architect... None.
Day's work. COST, \$20

SW TWELFTH AND ST. JOHN, San Jose. Six-room cottage.
Owner.... A. and H. De Smet Bros 338 N-11th, San Jose.
Architect... None.
Day's work. COST, \$3

NO. 400 W-JEROME, San Jose. Four room cottage.
Owner.... S. B. Druck, Premises.
Architect... None.
Day's work. COST, \$15

NOS. 70 AND 72, S-FIRST, San Jose. Remodeling front.
Owner.... Ryland Co., Premises.
Architect... None.
Contractor... Shottenhamer Bros., 143 Crittenden, San Jose. COST, \$11

NO. 1009 E-SANTA CLARA, San Jose. Tank house and barn.
Owner.... O. P. Sider, Premises.
Architect... None.
Day's work. COST, \$6

NO. 36 S-TENTH, San Jose. Remodel story residence.
Owner.... E. F. Smith, 61 S-11th, S. F.
Architect... None.
Day's work. COST, \$16

NW THIRD AND KEYES, San Jose. Four-room cottage.
Owner.... N. R. Tevis, Premises.
Architect... None.
Day's work. COST, \$5

SW KEYES AND TENTH, San Jose. Two-room addition on store.
Owner.... S. Christina, Premises.
Architect... None.
Day's work. COST, \$3

NO. 243 E-WASHINGTON, San Jose. Underpin and repair cottage.
Owner.... E. Hiatt, Premises.
Architect... None.
Day's work. COST, \$3

NO. 241 WASHINGTON, San Jose. R pair cottage.
Owner.... E. Hiatt, Premises.
Architect... None.
Day's work. COST, \$3

W FIFTH, bet Julian and Washington San Jose. Six-room cottage.
Owner.... J. Callee, 51 N-6th, S. J.
Architect... C. S. McKenzie, San Jo Bank Bldg., San Jose.
Contractor... F. E. Kessling, 28 Coe Ave San Jose. COST, \$21

NE TENTH AND ST. JOHN, San Jose. All work for one and one-half-story frame with concrete foundation.
Owner.... J. C. Hayes, 89 N-Market San Jose.
Architect... F. D. Wolfe, 1st Natlon Bank Bldg., San Jose.
Contractor... Chas. S. Collins, Wilco California.

Filed Jan. 27, '13. Dated Jan. 23, '13.
Frame up \$7
1st coat plaster on
7 Building accepted
Usual 35 days
TOTAL COST, \$31
Bond, none. Limit, 70 days. Forfe. none. Plans and specifications filed.

COR. ST. JOHN AND FIRST, San Jose.
All work for electric elevator and 1 hand dumb waiter 500 lbs.
Owner.....The Elks Bldg. Co., San Jose
Architect...F. D. Wolfe, L. T. Lenzen,
C. S. McKenzie and W.
Bender, Rea Bld., San Jose
Contractor..Morrison Bros., Molrore &
Liberty, Santa Clara.
Sub-Contractor..Otis Elev. Co., Beach
& Stockton, San Francisco
Filed Jan. 24, '13. Dated Jan. 15, '13.
Delivery of material..... ½
Engine in permanent position... ¼
All in running order and ac-
ceptedRemainder
TOTAL COST, \$2181.85
Bond, none. Limit, April 15, '13. For-
feit, none. Plans and specifications
filed.

SE COR. ST. JOHN AND FIRST, San
Jose. Hardware for Class "C" busi-
ness and lodge building (Elks' Bldg.)
Owner.....San Jose Elks Bldg. Co.,
San Jose.
Architects...F. D. Wolfe, L. T. Lenzen,
C. S. McKenzie and W.
Bender, Rea Bldg., S. J.
Contracto..Boshcken Hardware Co.,
190 S-First, San Jose.
Filed Jan. 24, '13. Dated Jan. 14, '13.
Delivery of all hardware..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1055
Bond, limit, forfeit, none. Plans and
specifications filed.

Completion Notices.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Jan. 29, 1913—LOT 34 CLEAVE'S TCT
San Jose. John A Angus to H W
Dangerfield.....Jan. 20, 1913
Jan. 29, 1913—ALL PPTY IN SARA-
toga Sanitary Dist. No. 1 (Sewer
and septic tank). Sanitary Board
of Saratoga Sanitary Dist No. 1 to
John McReynolds.....Jan. 18, 1913

Liens Filed.

SANTA CLARA COUNTY

Jan. 25, 1913—NORTH ½ OF NORTH
½ of Lot 6 Blk 3 Range 6 South
Original Survey of City of San Jose
John A Wickland vs S T Pallstine,
Hollister, Cal. and Annie Asbury,
San Jose\$36.30

MARIN, CONTRA COSTA AND SONOMA COUNTIES

CITY HALL AND JAIL—2 story and
base, brick and steel. Cost not stated.
Santa Rosa, Sonoma Co., Cal. Archi-
tect, L. M. Turton, Napa. Owners, City
of Santa Rosa. This work has been
mentioned here before when Architect
Turton's plans were selected in com-
petition with a number of other archi-
tects. Bids are now being called for
on the work and will be opened on
February 18th. The official proposal
appears in this issue. Bids will be
taken on the work as a whole, for the
structural steel, cell work, return hot
water heating system and vault work.
STORES—1 story and base, brick,
\$5,500. Richmond, Contra Costa Co.,
Cal. Architect, James T. Narbett,
Richmond. Owner, H. W. Hoyt. This

work has been mentioned here before.
Bids have been opened and show Peter-
son & Overaa low at \$5,180. An award
of contract will be made shortly.

Building Contracts.

CONTRA COSTA COUNTY.

MARTINEZ. Additions to garage.
Owner.....W. J. Johnson, Martinez.
Architect...W. J. Cuthbertson, 328
Montgomery, S. F.
Contractor..The Nielsen Co., 312 Shel-
don Bldg., San Francisco.
COST, \$1500

LOT 4 BLK 98, City of Richmond. All
work for one-story brick building.
Owner.....Michael Iversen, Richmond
Architect...J. B. Ogborn, Richmond.
Contractor..Paul Glaser, Richmond.
Filed Jan. 24, '13. Dated Jan. 18, '13.
Brick work completed.....\$690
Roof and plastering completed... 690
Building completed 690
Usual 35 days..... 690
TOTAL COST, \$2760
Bond, \$1350. Sureties, E. M. Tilden
and H. L. Perry. Limit, 60 days.
Forfeitt, \$2. Plans and specifications
filed.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Jan. 23, 1913—LOCATION NOT GIVEN.
Mryant B Bailey to D H Mac-
QuiddyJan. 17, 1913

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Jan. 25, 1913—LOT 7 BLK 13, Tewks-
bury Heights. Stege Lumber &
Hardware Co vs W Thompson
and B Schapiro & Co.....\$91.75

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and
base, frame, \$10,000. Stockton, San
Joaquin Co., Cal. Architect, Walter
King, Elks' Bldg., Stockton. Owner,
George Smith. The building will be
arranged for a number of two and
three room suites with bath and wall
beds. Interior finish will be of pine
and redwood. Furnace heat will be in-
stalled. Considerable marble and tile
will be used. The exterior of the build-
ing will be covered with rustic. Plans
are complete and figures are now being
taken.

LODGE HALL—3 story and base, re-
inforced concrete, \$25,000. Orland,
Glenn Co., Cal. Architect, C. L. Siles,
Berkeley. Owners, Masonic Hall As-
sociation of Orland. The building will
be 90x40 feet, and has been arranged
for a bank on the first floor and lodge
rooms, offices and a banquet hall on
the two upper floors. A novel feature
provided for in the plans is the heat-
ing of the entire building by electric-
ity. The exterior of the building will
be faced with cement plaster and cut
stones trimming. Interior finish will
be of pine, redwood and hardwood.
Plans are complete and figures are be-
ing taken.

HOSPITAL FIRE PROTECTION
SYSTEM—Cost not stated. Stockton,
San Joaquin Co., Cal. Architect, State
Department of Engineering, Sacra-
mento. Owners, State of California.
Plans for the installation of a com-
plete fire protection system at State
Hospital at Stockton are complete and
figures are being taken. Bids will be
opened by the State Board of Control
in Sacramento on February 24th. Plans
and specifications can be secured from
the State Department of Engineering.

AWARD SCHOOL CONTRACT.

San Francisco Firm of Graham & Jen-
son Awarded the General Contract
at \$35,625.

Architect C. H. Russell has just re-
turned from Galt, Sacramento County,
where he was in attendance at a meet-
ing of the Board of School Trustees of
the Galt Joint Union High School Dis-
trict. At this meeting the four lowest
bids submitted for the construction of
the new building were considered and
the contract awarded to Graham &
Jenson, 185 Stevenson street, San Fran-
cisco. Their bid was \$35,625, which
does not include the heating, ventilat-
ing or time clock system.

Building Contracts.

SACRAMENTO COUNTY.

JEFFERY SHOPS. Reinforced con-
crete chimney upon Sly side of
power house.
Owner.....Western Pacific Railway
Company.
Architect...None.
Contractor..The Weber Chimney Co.
Filed Jan. 29, '13. Dated Jan. 17, '13.
COST, \$1625

NO. 3206 FOURTH AVE., being Lots
76 and 77½ each Oak Grove Tract,
Sacramento. One-story brick bldg.
Owner.....A. G. Kaeser, 206 4th Ave.,
Sacramento.
Architect...None.
Contractor..Wm. Kennedy
Filed Jan. 29, '13. Dated Jan. 27, '13.
COST, \$1485

NE FIFTH AND JAY, Lot 8, I, J, 5th
and 6th Sts., Sacramento. Heating
and ventilating for five-story and
basement Class "C" brick building.
Owner.....Young Men's Christian
Association.
Architect...E. C. Hemmings, 1005 K
St., Sacramento.
Contractor..Ransome Concrete Co., 328
J St., Sacramento.
Sub-Contractor..General Eng. Co., 281
Natoma, San Francisco.
Filed Jan. 29, '13. Dated Dec. 24, '12.
COST, \$4400

PLUMBING ON ABOVE.
Contractor..Hateley & Hateley.
Filed Jan. 29, '13. Dated Dec. 24, '12.
COST, \$8300

LOT 8, I, J, 5TH AND 6TH STS., Sacra-
mento. Glass and glazing for 5-
story and basement Class "C" brick
building.
Owner.....Y. M. C. A.
Architect...E. C. Hemmings, 1005 K
St., Sacramento.
Contractor..Ransome Concrete Co., 328
J St., Sacramento.
Sub-Contractor..W. P. Fuller & Co.,
Beale & Mission, S. F.

Filed Jan. 17, '13. Dated Jan. 20, '13.
COST, \$1200

PLASTERING ON ABOVE

Sub-Contractor, A. Knowles, 985 Folsom, San Francisco.

Filed Jan. 27, '13. Dated Jan. 17, '13.
COST, \$7500

W 85 FT. LOT 8, J. K. 14TH AND 15TH STS. Sacramento. Mill work for 5-story and basement reinforced concrete apartments.

Owner, ...Chamney Dunn.
Architect ...Cuff & Dicks, Elks' Bldg., Sacramento.

Contractor, ...Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor, ...Sacramento Builders' Supply Co.

Filed Jan. 27, '13. Dated Jan. 21, '13.
COST \$5675

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 9 AND 11 BLK 98 E, Stockton. Frame building.

Owner, ...Geo. Smith, 1330 N-Center, Stockton.

Architect ...Walter King, 309 Elks' Bldg., Stockton.

Day's work. COST, \$8000

LOT 8 BLK "B" W, Stockton. Frame building.

Owner, ...W. H. Thompson, 1215 Roosevelt, Stockton.

Architect ...None.

Day's work. COST, \$2000

LOT 8 BLK 43 S M C, Stockton. Remodel frame building.

Owner, ...Mrs. A. Brummer.

Architect ...None.

Day's work. COST, \$1000

LOT 2 BLK 6 (The Oaks), Stockton. Frame building.

Owner, ...John W. Taylor.

Architect ...None.

Day's work. COST, \$1500

LOT 16 BLK 2 (Oak), Stockton. Frame building.

Owner, ...J. R. Shannon.

Architect ...R. P. Morrell, 226-227 Yosemite Bldg., Stockton.

Contractor, J. Shannon, Stockton.

COST, \$2000

LOT 11 BLK 13 E, Stockton. Remodel brick building.

Owner, ...A. Samuels, Rose & Edison Stockton.

Architect ...None.

Day's work. COST, \$500

LOT 3 BLK 34 E, Stockton. Four-room frame building.

Owner, ...J. E. Gayon.

Architect ...None.

Day's work. COST, \$1100

Liens Filed.

SACRAMENTO COUNTY.

RECORDED AMOUNT
Jan. 30, 1913—E 32 FT. OF S ½ OF
5, J. K. 9th and 10th Sts., Sacramento.
F. H. Koster, \$28.80; J.
Tuchfarber, \$21; Gerner Jones,
\$50.75; J. Alderson, \$80.50; George
Olney, \$25 vs Julia Cronin.....

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Jan. 25, 1913—LOT 5, C, D, 10TH AND
11th Sts., Sacramento, Wells Fargo
& Co to E. W. Book, ...Jan. 8, 1913
Jan. 25, 1913—½ OF LOT 2, 11, L, 24th
and 25th Sts., Sacramento. Harriot
M. Emigh to Walter T. Feagan, ...
.....Dec. 31, 1912

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

HOSPITAL—2 story and base, steel and concrete. Cost not stated. Fresno, Fresno Co., Cal. Architects, Starbuck & Clark, Fresno. Owner, Dr. Sample. The building will cover an area of 150x150 feet. Interior has been arranged for a number of private rooms, two wards, surgical and operating rooms and business office. Interior will be finished in pine and hardwoods with considerable tile and marble. There will be a central heating system and a number of special mechanical features. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

MOVING PICTURE THEATRE—1 story, reinforced concrete. Cost not stated. Fresno, Fresno Co., Cal. Architects, Starbuck & Clark, Fresno. Owner, James S. Bradley. The building will contain several stores besides the moving picture house. Construction will be of reinforced concrete throughout. Interior finish will be of pine and redwood with considerable ornamental plaster. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

WATER SYSTEM—Cost not stated. Tehachapi, Kern Co., Cal. Engineer, Frank A. Lathrop, Higgins Bldg., L. A. Owners, City of Tehachapi. Contractors Municipal and Industrial Equipment Co. Merchants Trust Bldg., L. A. Contract price, \$13,797.01. Other bids received were as follows: Westlake Construction Co., L. A., \$14,263.74; Standard Electric Construction Co., S. F., \$14,970.74; and R. C. Lowell, L. A., \$15,976.24.

SEWERS—Cost not stated. Hanford, Kings Co., Cal. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, City of Hanford. Contractors, Chambers & Heafey, Oakland. Contract price, \$75,000.

Building Contracts.

FRESNO COUNTY.

LOTS 3 AND 4 BLK 1, Calwa. All work for one-story frame dwelling.

Owner, ...F. E. Cook, Fresno.

Architect ...None.

Contractor, J. H. Weger, Fresno.

Filed Jan. 24, '13. Dated Jan. 20, '13.

Roof on and plastered, ...\$637.50
Completed, ...637.50

TOTAL COST, \$1275.00
Bond, \$650. Sureties, W. W. Stanford and E. E. Lichtig. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOTS 7 AND 8 BLK 133, Fresno. All work for two-story flats.

Owner, ...Mary W. Holmes, Fresno.

Architect, ...None.

Contractor, ...Howard Dickey, Fresno.

Filed Jan. 24, '13. Dated Jan. 21, '13.

Frame up, ...\$142
Plastered, ...138
Completed, ...138
Usual 35 days, ...138

TOTAL COST, \$560
Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

Release of Liens.

FRESNO COUNTY.

RECORDED AMOUNT
Jan. 25, 1913—LOT 25 NW ½ of Lot
24 Blk 204, Fresno. Geo. Elia to H.
Egulinian, ...\$30

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—5 story and base, reinforced concrete. Cost no stated. Architects, King & Taylor Consolidated Realty Bldg., L. A. Owner, T. J. Douglas. The building will cover an area of 55x144 feet and has been arranged for 135 guest rooms. Apartments will consist of two and three rooms each with wall beds and private baths. Interior will be finished in pine and imitation of mahogany or birch with tile and marble in the entrance. There will be steam heat, elevator service and a vacuum cleaning system. Floors will be of concrete slabs. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones I. W. Hellman Bldg., L. A. Owner, W. A. Loden. The building will contain 11 rooms, which are to be arranged in two and three room suites. All suite will have wall beds and connecting baths. Plans also provide for steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and some hard wood. Ornamental plaster will be used in the lobby and reception rooms. Bath rooms will be finished in tile and will have cement floors. The exterior of the apartments will be faced with pressed brick. Plans are nearly complete and figures will be called for at once.

HOTEL—12 story and base. Class A construction, \$400,000. Los Angeles, Cal. Architects, Train & Williams Exchange Bldg., L. A. Owners, Local Syndicate Hotel. This project has been promoted by R. T. McMillen, 233 Consolidated Realty Bldg., who has secured a long term lease on property on Spring street between 4th and 5th streets. The site has a frontage of 60 feet and a depth of 160 feet. Only preliminary plans have been prepared but these show a building covering the entire ground area and containing a total of 250 guest rooms. No further details of the construction can be given at this time. Notice will be made in these columns from time to time as the work progresses.

LUNCH AND RECEPTION ROOMS—Frame construction. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architect, State Department of Engineering, Sacramento. Owners, State of

California. Plans for the construction of a lunch and reception room at the site Normal School at Santa Barbara have been completed and are now out in figures. Bids will close on February 24th, and bids will be opened in Sacramento by the State Board of Control. Plans and specifications can be secured from the Department of Engineering at Sacramento.

SCHOOL—2 story and base, brick, \$60,000. Brawley, Imperial Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Brawley School District. This building which is to be known as the Administration Building, will be the first of a group of four buildings which is to comprise the High School. The other buildings of the group will be the domestic science and manual training buildings. Plans for the administration building have just been approved. A detail description of the structure cannot be printed at this time. Additional information will be given as plans progress.

SCHOOL—2 story and base. Class A construction, \$90,000 to \$100,000. Phoenix, Ariz. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Phoenix. This building will contain 16 standard sized class rooms, auditorium, manual training, domestic science departments and teachers' and principals' rooms. There will be hollow tile interior partitions, a plenum heating system, vacuum cleaning and program clock system. Maple floors will be used throughout. Halls and stairways will be of concrete. The exterior of the building will be faced with pressed brick. Plans are now being prepared for the work and figures will be called for within a month.

SCHOOLS—2, 2 story and base, brick, \$1,000 each. South Pasadena, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, South Pasadena High School District. This work has been mentioned here before. Each building will cover an area of 65x100 feet. One of the structures will be devoted to the manual training department and the other to domestic science. Mechanical equipment will include steam heat and vacuum cleaning. The exteriors will be faced with pressed brick. Plans are complete and figures will be called for about one week.

TELEPHONE EXCHANGE—1 story and base, reinforced concrete. Cost not stated. San Dimas, Los Angeles Co., Cal. Architect, C. E. Wolfe, Pomona, Calif. Owners, Pomona Valley Tel. and Tel. Co. The building has been designed as a telephone exchange and for the offices of the company at San Dimas. Construction will be of reinforced concrete throughout including the roof and floors. Electric work will be carried in conduit. Interior of the business offices will be handsomely finished. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Los Angeles, Cal. Architect, Fielder Stinger, Security Bldg., L. A. Owner, F. J. Turner. The building is to cover an area of 10x140 feet, and has been planned to contain 54 guest rooms, day and parlors. Suites will consist of two and three rooms each. All apartments will have wall beds and private baths. Interior finish will be of pine and hardwoods. Bath rooms

will be finished in tile. Considerable marble and tile will be used in the entrance vestibule and lobby. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

GARAGE—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, J. A. Graves. The building will cover a ground area of 85x150 feet and has been designed for a commercial garage and salesrooms. The first floor will be of cement except in the salesrooms where a tile floor is to be used. There will be copper window sash and frames, hardwood and pine trim and special gasoline storage tanks. The exterior of the building will be faced with pressed brick. Plans are being prepared for the work and contracts will be let within a few days.

WAREHOUSE—6 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, E. T. Flaherty, I. W. Hellman Bldg., L. A. Owners, Bekin Van and Storage Co. The building will be 74x90 feet and of the reinforced concrete type, including the walls, floors and roof. Interior partitions will be of hollow tile. There will be metal window sash and frames and fireproof doors. An automatic sprinkler system will be installed. A heavy freight elevator is specified. The exterior of the building will be faced with cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

ASSOCIATION BUILDING—3 story and base, brick and steel, \$50,000. Santa Barbara, Santa Barbara Co., Cal. Architect, E. Russell Ray, associated with Winsor Soule, Santa Barbara. Owners, Young Men's Christian Association. The structure will be 120x91 feet, with concrete foundation and basement, plaster exterior over brick, steel beams and columns, and composition roof. The first floor will contain a large lobby finished in marble and tile offices, library and game room, with hardwood floors and oak finish. Thirty bedrooms, with baths, wash rooms and two class rooms will occupy the second floor. The basement will contain a gymnasium, 35x70 feet, with spectators' gallery, a training room 18x33 feet, plunge with glazed tile lining, shower baths, toilets and a steam heating plant. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for before the middle of February.

LODGE HALL—3 story and base, brick, \$35,000. Pasadena, Los Angeles Co., Cal. Architects, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owners, Odd Fellows Temple Association. The proposed building is to cover an area of 50x95 feet, and will contain banquet room and kitchen in the basement, stores on the main floor and lodge halls, library and offices on the second and third floors. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared and effort made to raise sufficient funds for the construction.

HOSPITAL—3 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners,

Westlake Hospital Association. Bids for this work have been received and taken under advisement. All figures were somewhat in excess of the amount available, and the owners will probably make arrangements to let a contract on the present plans. The lowest bid was presented by Charles G. Ross, Grosse Bldg., and he will probably be awarded the work.

HOTEL—6 story and base, reinforced concrete, \$99,000. Ocean Park, Los Angeles Co., Cal. Architect's name not given. Owners, Stelman and Kramer, Ocean Park. All bids received for this work have been rejected and plans will be revised. Hugo Eckert was the lowest bidder on the general construction at \$11,010. New bids will be called for by the owners within a few days.

SCHOOL—2 story and base, brick, \$50,000. Owensmouth, Cal. Architect, none. Owners, Owensmouth School District. Owensmouth is a new town and the recent bond election carried unanimously. The building will contain six class rooms and an auditorium. Design will be similar to the new building at Van Nuys, which was constructed by Ye Planry Building Co., Title Insurance Bldg., L. A., and the same firm will, in all probability, build the Owensmouth school.

NORMAL SCHOOL BUILDINGS—Brick construction. Cost not stated. Los Angeles, Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. The buildings planned include the Administration building, 260x292 feet, containing auditorium seating 1620; library, 136x107 feet, with reading room to seat 250 and stack room for 50,000 books; Domestic Science, 170x170 feet; Fine Arts, 141x82 feet; Gymnasium, 108x82 feet, with 450 lockers, 34 dressing rooms and shower and needle baths for girls, lockers and showers for boys; Training school, 305x175 feet, with gymnasium for boys and girls attached; Kindergarten, 96x37; Cafeteria, 90x82, with dining hall to seat 300; Manual Arts, 226x83 feet. All the buildings will be two stories except the kindergarten, cafeteria and manual arts buildings, which will be one story. The construction will be of brick with fireproof stairways and corridor floors, wood floors in rooms, tapestry brick facing, clay tile roofs, and will include maple floors, central steam heating plant with underground flues and fan room in each building, program clocks, vacuum cleaning, intercommunicating telephone system. There is available \$800,000 from the sale of the old normal school site. An additional appropriation will be asked of the legislature for other buildings for a teachers' college. Drawings have been completed and bids will be called for as soon as the drawings can be checked and specifications written which will take about three weeks.

IRRIGATION SYSTEM—Cost not stated. San Ysidro, San Diego Co., Cal. Engineer's name not given. Owners, San Ysidro Irrigation District. Bids will be received up to February 12th for the construction of a water system comprising four electric induction motors, five drive wells, 12,210 lineal feet 6-inch steel pipe, 3,670 feet 8-inch pipe, 2,130 feet 12-inch pipe, 2,100 feet 10-inch pipe, 2,500 feet standard pipe, specials and fittings for above, and the construction of two

reservoirs of 186,000 and 10,000 gallons capacity. A check for \$100 must accompany all bids. Joseph Patton, San Ysidro, Cal., is secretary.

STORM WATER SEWERS—Cost not stated. Alameda Los Angeles Co., Civil Engineer, City Engineer, Alhambra. Andrew Holloway of Pasadena submitted the lowest figure for the construction of this work and will probably be awarded the contract. Mr. Holloway's bid was \$23,000. No award has been made.

MOVING PICTURE THEATRE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. W. Kiewe, California Bldg., L. A. Owners, D. S. and A. H. Kornblum. The building will be 45x127 feet and will contain an auditorium seating 700 people. The interior will be finished in brick and ornamental plaster. There will be a ventilating system. Considerable marble, tile and plate glass will be used. The exterior will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

HOTEL—3 story and base, brick, \$30,000. Los Angeles, Cal. Architect, none. Owner, Mrs. Hannah K. Baker. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$30,000.

HOTEL—5 story and base, Class B construction, \$45,000. Los Angeles, Cal. Architect, none. Owner, Adolph Schwartz. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$5,000.

STORES—2 story and base, brick, \$36,766. Los Angeles, Cal. Architects, Frain & Williams, Exchange Bldg., L. A. Owner, A. T. Wells. Contractor, J. A. Crook, Chamber of Commerce Bldg., L. A. Contract price, \$36,766.

BANK—2 story and base, brick, \$20,000. Ocean Park, Los Angeles Co., Cal. Architects, Ye Planny Building Co., Title Insurance Bldg., L. A. Owners, Merchants' Commercial and Savings Bank. Contractor, S. W. Bryant, 308 Hill St., Santa Monica. Contract price, \$19,982.

GARAGE—1 story and base, brick and concrete. Cost not stated. Los Angeles, Cal. Architects, Architectural Designing Co., L. A. Owner, R. L. Kinbro, Contractor, J. E. Crough, 1211 West 39th St., L. A. Note: The contract has been taken on a percentage basis. The building will be 40x70 feet.

STORES AND OFFICES—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. L. Acker, Story Bldg., L. A. Owner, Emma Oswald. Contractor, A. E. Harshman, Story Bldg. Contract price not stated. Note: The building will be 50x110 feet.

STORES—1 story and base, brick, \$12,000. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, D. Bittler. Contractors, Barber-Bradley Construction Co., 1824 East 15th St., L. A. Contract price, \$12,000.

PORTLAND AND OREGON.

SCHOOL, DORMITORY—3 story and base, reinforced concrete, \$120,000. Portland, Ore. Architects, Doyle, Patterson & Beall, Worcester Bldg., Portland. Owners, Reed College. The building is to cover an area of 60x200 feet and will be fireproof throughout. The main floor of the building will be

arranged for a large dining hall with accommodations for two hundred persons at a time. Upper floors will be divided into 100 dormitory rooms. Interior finish will be of pine. There will be a steam heating system connected with the main power plant of the institution by a reinforced concrete tunnel. Exterior of the building will be faced with cement plaster. A clay tile roof is to be used. There will be metal window frames and sash. Plans are complete and figures are to be called for at once.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, none. Owner, J. D. Wharton. A well known contractor, R. F. Wassell, is handling the project and will erect the building. The building will be 50x100 feet and will be in the nature of an addition to the present four-story apartment house known as the Melcliff. There will be a total of 50 apartments of the two and three room type. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwoods. The exterior of the building will be faced with pressed brick. Sub-bids will be called for as soon as plans can be completed.

GARAGE—1 story and base, reinforced concrete. Cost not stated. Heppner, Ore. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owner, S. P. Garrigues. The building has been designed for a commercial garage and will cover an area of 48x100 feet. The floor will be of concrete. Special gasoline storage tanks are provided. Interior of the front portion of the building, which is to be used as a salesroom, will be finished in pine and hardwood. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LODGE HALL—3 story and base, brick and concrete, \$25,000. St. Helens, Ore. Architect, E. Kroner, Worcester Bldg., Portland. Owners, St. Helens Masonic Temple Association. The building will be arranged for stores on the first floor and lodge halls, offices and a large banquet room on the two upper floors. There will be steam heat. Interior finish will be of pine and hardwoods. Plans have been out for figures before, but bids ran too high and revision was necessary. This work has been completed and new figures are to be taken at once.

THEATRE—4 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, Camp & DuPuy, Portland. Owners, Rector Realty Co. The original intention of the owners was to erect a 12 story Class A structure, but this plan has been abandoned and a four-story building will be erected. The house will be designed for a moving picture theatre, the largest on the coast, and will have a seating capacity of 1,000 people. The main auditorium will be bowl shape with a number of private boxes. A modern system of heating and ventilation will be installed. Interior decorations will be very elaborate. The exterior of the building will be faced with cement plaster. Construction will be fireproof throughout. Plans are nearly complete and figures will be taken within a few weeks.

Contracts Awarded.

STORES AND OFFICES—4 story and base, brick and steel. Cost not stated,

Portland, Ore. Architect's name not given. Owner, T. B. Wilcox. Contractors, Brayton Engineering Co., Portland. Note: This contract has been taken on the percentage basis. The cost of the building is understood to be in the neighborhood of \$65,000.

SEATTLE AND WASHINGTON.

WAREHOUSE—6 story and base, reinforced concrete, \$60,000. Seattle, Wash. Architect, Robert Brown, 115 10th Ave., Seattle. Owner, George A. Smith. While plans have been prepared for a six-story structure only three stories will be erected at this time. This work has been estimated to cost \$45,000. Plans provide for an eight-ton elevator. No interior finish will be used. The exterior of the building will be faced with cement plaster. There will be metal window sash, frames and fireproof doors. An automatic sprinkler system will be installed. Plans are being prepared.

FACTORY—5 story and base, reinforced concrete. Cost not stated. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owners, Ford Motor Car Co. The company has sold the original site purchased last year and have bought on Roy and Valley streets. The new site has an area of 92,160 square feet, considerably more than the former location. Plans will be revised to meet the new requirements and the building will be erected as soon as possible. Construction will be fireproof. The estimated cost of the building planned for the former site was placed at \$350,000 and this structure will be even more.

FREIGHT AND PASSENGER STATIONS—1 and 2 story and base, brick and steel, \$60,000 and \$50,000. Seattle, Wash. Architect's name not given. Owners, Northern Pacific Railway Co., Seattle. The freight depot will be built on Terry avenue, and will be two stories high and cover an area of 30x360 feet. The passenger station is to be erected on Fremont avenue and will be one story high and cover an area of 60x170 feet. The passenger station will have pine and hardwood trim, a central heating system and other special features. The exterior of both buildings will be faced with brick. Plans are complete and figures are being taken.

DEPARTMENT STORE—9 or 10 story and base, Class A construction, \$350,000. Spokane, Wash. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owner's name withheld. Two large establishments in Spokane are contemplating building, but the architects refuse information as to the owners of the new structure. Construction details are lacking at this time as only preliminary plans have been made. The building will cover a ground area of approximately 100x150 feet, and will be Class A throughout. Further mention will be made in these columns as the plans progress.

Contracts Awarded.

STORES AND OFFICES—10 story and base, reinforced concrete, \$500,000. Vancouver, B. C. Architects, Somerville & Putman, Seattle. Owners, Yorkshire Guarantee Co. Contractors, Dominion Construction Co., Northwest Trust Bldg., Vancouver. Contract price, \$500,000.

CALIFORNIA METAL PRODUCTION IN 1912.

Increased Gold Production. California Retains First Rank.

California shows an increase in output of both gold and silver in 1912 compared with 1911, according to preliminary figures by Charles G. Yale, of the United States Geological Survey. The difference is not very marked but sufficient to show that the precious-metal output of the State is advancing somewhat. California retains first rank in gold output, reckoned from Colorado in 1911. The same figures of the Survey for 1911 gave gold valued at \$19,738,908 and 1,044,5 ounces of silver, while estimates for 1912 indicate an output of gold valued at \$19,950,000 and 1,270,000 ounces of silver. Moreover, it is highly probable that when complete detailed returns are available, the 1912 figures will be somewhat enhanced.

The latest available complete statistics show that there are 1,181 producing mines in California, of which 55 are deep mines and 555 placers, including dredge, hydraulic, drift, and surface claims. Dredge mining seems to be the only form of placer work which is showing any marked advance, the yield from the other placers being either at a standstill or showing decline. The reasons for these conditions are that the ordinary surface and shallow claims are gradually being exhausted; the laws are unfavorable to the prosecution of large hydraulic mining enterprises, except in a few counties; and abundant capital is necessary for opening drift mines, and this is not readily available where so long a time may elapse before a profitable channel is reached.

Dredge-mining operations require even larger initial investments than hydraulic or drift mining, but the profits are likely to be larger and thicker, while the advance borings in the shallow ground insure reasonable certainty in operations and results. The dredges of the State are now producing over 85 per cent of the placer gold and about 39 per cent of the total gold yield from all sources. A few dredges were added in 1912 in the larger dredging fields and these are of the heaviest type and largest capacity. Some of the smaller and older dredges ceased operations during the year, either through working out their round or being unprofitable. By far the largest proportion of the gold yield from this source continues to come from the extensive fields near Oroville, Marysville, and Folsom. Several new dredges have recently been in operation in Calaveras County and at other isolated points. Toward the end of the year drifting operations were commenced on some of the very large hydraulic mines near Relief Hill, Nevada County, which have been virtually abandoned for many years. It is now hoped to make the channels pay by the drifting methods where the laws will not permit hydraulic mining.

In deep mining operations between 2,700,000 and 2,800,000 tons of ore is annually produced in California. By far the larger proportion of this ore is derived from the deep gold mines, especially from the extensive operations in the Mother Lode region. The

output of siliceous ore in the State has increased to some extent and this usually averages in value from \$4.65 to \$5.25 a ton in gold and silver. So far as can be ascertained at this time, there were only 13 new stamp mills added in California in 1912, all small ones, having a combined capacity of 163 stamps. There were also a dozen or more new Huntington and Graupner mills and a half dozen cyanide plants. No new smelters were erected.

Capitalists interested in some of the large quartz-mining operations in the Mother Lode counties, encouraged by having found very profitable ore at 3,600 feet, have during 1912 commenced work on a few of the old properties which were abandoned 20 or 30 years ago, when mining conditions were very different and such depths as are now attained were considered impracticable. On at least two of these properties immediate extension of 1,000 feet in depth is being carried on, with the intention of doubling that if thought profitable. If these efforts meet with success still other old mines will be reopened.

A rather discouraging feature of the year in this connection, however, is the fact that injunction proceedings have been commenced by farmers in the Sacramento Valley against all the prominent quartz-mining companies in Amador County, to compel the quartz-mine owners to impound their tailings by any suitable means. In the same manner that the hydraulic miners must impound their debris or tailings. The object is to keep the mountain and foothill streams clear and prevent the tailings from eventually reaching streams and rivers lower down in the valley. The main complaint at present appears to be against the "slaty" material carried in suspension and the accumulation of slimes in the sluggish valley watercourses. This movement has been impending for some years and especially since the operation of very large mills on Mother Lode mines. Over 2,250,000 tons of ore is crushed in the mills of California annually. Of this quantity the Mother Lode counties contribute about 1,400,000 tons. Considerably over 600,000 tons of this is derived from Amador County, which is possibly the reason that this county is the first to be attacked. As the material is generally heavy most of it settles close to its source and can be readily impounded, but whatever system is adopted entails an expense which the present free disposal of tailings does not require. The movement referred to, therefore, has an important bearing on the profits of the quartz-mining industry of the State, and the injunction suits indicate that the miners must consider additional working costs.

Another important factor in connection with the gold mining industry of California, and one to be deplored, is the marked cessation of prospecting operations and the resultant decline in discoveries of new mines, mainly in the mountain and foot hill regions where extensive national forests have been established.

For several years there has been a gradual decline in the copper output of California owing to the closing down of large smelting plants by litigation over damages by smelter fumes.

In 1912, however, an increase in output in copper is apparent over the yield of 1911, notwithstanding the permanent cessation of operations in 1911 of one of the very large plants of the State. This increase is due to the materially enlarged output from mines of two of the large companies owning their own smelting plants, to larger shipments from other mines which were producers in 1911, and to the advent in the producing column of certain new or reopened mines which supplied high grade ore to the custom smelters. The agitation on the part of farming communities over alleged damage by smelter fumes has by no means ceased, and the operations of three of the most extensive smelting companies of the State are seriously menaced. Experiments continue to be made—notably at the Penn Mining Co.'s plant at Camp Seco—with a view to finding a remedy for present troubles and these, thus far, may be said to be reasonably successful.

Lead mining in California shows little change in 1912, although a lessened output as compared with 1911 is apparent. In 1911 the figures for mine production were 1,398,111 pounds, but the preliminary returns for 1912 indicate only a yield of 1,032,000 pounds. The lead continues to come mainly from Inyo, Mono, and San Bernardino counties.

It is only within the last few years that any zinc has been produced in California, but in 1911 two mines, one in Inyo County and the other in San Bernardino County, produced about 2,800,000 pounds. Shipments of about the same quantity have been continued in 1912. There are in California extensive deposits of ores carrying so large a percentage of zinc sulphide as to be rejected by custom smelters and they are therefore unutilized at present. Experiments are now being conducted with these ores, with a view of making them commercially profitable. If this could be accomplished the zinc output of the State would be materially increased and an addition be made also to the gold and silver yield.

COUNTIES MAY BUY STATE BONDS.

SACRAMENTO, Jan. 24.—The problem of raising money for the continuance of work on the \$18,000,000 system of State highways in California may be partially solved by the bankers and other moneyed men of counties who will buy bonds to cover the expenditure necessary for the completion of portions of the State highway within their counties.

Santa Clara and Stanislaus Counties have so far promised to buy bonds to cover work necessary within their borders, and it is believed that Orange, Los Angeles and Fresno Counties will shortly follow suit. State Treasurer Roberts is in communication with persons capable of buying bonds in the three counties mentioned.

If money can be raised in this fashion to allow the continuance of State highways pending the closing of the Balkan War, it may carry the Highway Commission over until the bond market improves. The issuance of a big block of 4½ per cent bonds by Austria has spoiled the market for any bearing a lower rate of interest.

late Thursday afternoon D. II.

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Kewin, representing the Board of Trade of Stanislaus County, and B. D. Whitmore, representing the Board of Supervisors of the county, appeared before the Highway Commissioners and promised to raise money to buy \$75,000 worth of bonds, which will cover the work remaining to be commenced in their county. The only bit of highway in Stanislaus upon which work has not been commenced is a strip eleven miles long running from the south line of San Joaquin County to within a mile and a half of Ceres. They were assured the work would be done under such circumstances.

Santa Clara bankers have pledged \$100,000 to cover highway work yet to be done in their county.

RAILROADS LOSE BY PARCEL POST.

SACRAMENTO, Jan. 24.—That the railroads are receiving the full benefits of the Parcel Post as regards carrying mail matter without compensation is the opinion of James O'Gara, District Freight and Passenger Agent of the Southern Pacific.

The weighing of the mails is done once every four years and the railroads carry on that basis until that

time has elapsed. The advent of the Parcel Post as a freight producer is adding greatly to the mail carried and promises to increase it 100 per cent. all of which increase will be carried for nothing until the next weighing occurs in 1914.

NEW INVENTIONS.

Reported especially for this paper by H. B. Willson & Co., Patent Attorneys, 715 Elghth street, N. W., Washington, D. C.

A complete copy of any of these patents will be forwarded to any person by Messrs. Willson & Co. on receipt of 10 cents. Persons ordering copies must give number of patent.

1,050,733. Telescoping Pocket Rule. F. G. Greathead, Denver, Colorado.

1,050,776. Wall Safe. H. C. Lowrie, New York, N. Y., J. M. Lowrie, New York, N. Y., administrator of said H. C. Lowrie, deceased.

1,050,801. Means for Holding Sash in position. Andrew Brunton, Chicago, Illinois.

1,050,804. Mold for Building Blocks. Audley R. Canfield, St. Paul, Minn.

1,050,816. Column and Ceiling Mold. P. A. Deslauriers and L. P. Deslauriers, St. Paul, Minn., assignor to P. A. Deslauriers and L. P. Deslauriers, Co-partners doing business under name of Deslauriers Column Mold Co.

1,050,834. Concrete Reinforcing Member. Chas. T. Inman and Hy. A. Robinson, Akron, Ohio.

1,050,837. Expanded Metal. Julius Kahn, Detroit, Mich., assignor to Trussed Concrete Steel Co., Detroit, Michigan.

1,050,881. Concrete Block Machine. Geo. F. Walker and Walter S. Mathes, Bazine, Kansas.

1,050,899. Sash Fastener. Hy. C. Vaeger, Canadian, Texas.

1,050,919. Vise. Jno. M. Conley, Raum, Ill.

1,050,922. Lock for Sliding Doors. Joseph Davis, Chicago, Ill.
1,050,924. Door or Window Frame. Daniel Down, Portland, Oregon.
1,050,969. Framing Tool or Protector. Daniel C. McLeod, Cedar Rapids, Iowa.

APPROPRIATION FOR FISHWAY.

WASHINGTON (D. C.), January 28.—Secretary Fisher and Director Newell have informed the House Irrigation Committee that work will begin at once on the fishway at Derby Dam. The dam is to cost \$2000.

RAKER ASKS \$10,000.

WASHINGTON (D. C.), January 28.—Congressman Raker now has a bill before the House Committee on Irrigation seeking an appropriation of \$10,000 for the construction of an adequate fishway at Derby Dam, both the Nevada and California Fish Commissions contending that a \$2,000 improvement would be practically thrown away.

As a result of the conference, held at the Instance of Congressman Raker, September 1, 1912, at Reno, Nevada, between representatives of the Government and representatives of the Nevada and California State Game Associations, Architect H. Von Boyer of the United States Bureau of Fisheries recommended the building of a new concrete fishway. The estimated cost was \$10,000, and that seems to have been the sticker with Secretary of Interior Fisher, who authorized the expenditure of \$2,000 in enlarging and fixing up the old fishway.

EL DORADO TIMBER SOLD.

PLACERVILLE (El Dorado Co.), January 28.—A tract of 800 acres, including some of the best timber land in this county, has been purchased from the W. Barklage heirs by the Danaher Pine Company. The price paid is said to have been \$75 per acre.

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THIS WEEK'S ILLUSTRATIONS:

The Fred A. Ewer and J. H. Wheeler
Residences, Near St. Helena, Napa
County, California. Two Handsome
Homes Designed By Architect L. M.
Turton Of Napa.

TUESDAY, FEBRUARY 11, 1913.

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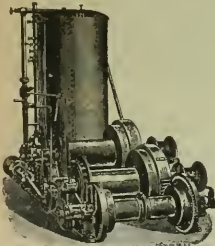
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Editorial Comment.

A HUMAN HOPPER.

At this distance the magnitude of the "garment workers' strike" in New York is difficult to realize—unless, perchance, one of its effects might be to compel some of us to wear last year's styles another year, which would probably be a good thing.

But the thing has really been enormous. Anywhere but in the hugeness of New York, it could not have hid away. There have been 200,000 wage workers in the strike—two hundred thousand, which is perhaps more than all the industrial wage workers in California. Two hundred thousand women, striking for wages enough to be decent on, and for unlocked doors, to let them out in case the building burns. And the millions of women who wear the clothes those women make not knowing, nor much caring, about the system under which they are made.

It is a great human hopper, into which the womanhood of New York is thrown, and they come out, almost literally, through a grading machine. There are so many of them that cheaply the right sort, in quality or in cheapness, can be selected for each particular work. They come in assorted lots. You see the great vomitoria of the factory lofts pouring them into the street at six o'clock, and the uniformity is horrifying. In the places where cheapness is the only requirement, absolutely every girl with any individuality which might increase her market value has been eliminated. Every big peasant woman has been segregated, for rougher and better-paid labor. Every girl of force or brains has gone somewhere where these qualities are paid. Every pretty girl has gone up—or down. Remaining is a vast mass of assorted mediocrity, herded into lofts originally built to store goods, not to work people in, fitted in a system where all the intelligence is supplied from above, and girls, cloth and machinery are measured by the same standard of ruthless economy. The very sentiment of individuality disappears. At work the girl is the mere member of an exploiting organization. On strike, she is wielded almost as passively by the strike organization. Finally by the brains of a few devoted organizers—some agitators, some philanthropists—conditions are improved just a little. After a while, they may be improved just a little more. But, just as a human phenomenon, it is all a running through a huge hopper of a million girls and pouring out through this garment workers' chute of two hundred thousand of the most helpless, the least efficient, the completely individualized, and the chronically underpaid.—Fresno Republican.

Enough of legend and romance is attached to the existing record of the reign of the first governor of California to furnish ample scope for the imagination in the promulgation of the Portola festival in San Francisco. Don Gaspar Portola himself is a sort of a myth in history and the accounts of his expedition of discovery are meager enough. But his time was an age of romance and the discovery of the Golden Gate and San Francisco Bay were important events for after history. Balboa discovered the Ocean from the shores of Central America four hundred years ago. The lapse of four centuries has meant much in the world's history. The American continents have been colonized and the United States has been born and developed to the foremost nation of the earth. The year will mark the completion of the canal, or the practical completion of the work, which is the greatest engineering feat in the world's history. So the celebration this year will not only celebrate the coming of Portola but also the discovery of the greatest ocean in the world and which had through all the countless years been unknown to man.

The determination to celebrate the Portola festival has been determined early. It has ample subjects and wonderful scope for pageantry. It will celebrate an event that gives unlimited room for the imagination. Balboa and de Portola as men have long ago faded into the shadows of history. But their names still live and will always be identified with the Pacific Ocean and San Francisco Bay. It is San Francisco's day to celebrate and belongs to particularly more than any other holiday of the year.

The Compulsory Insurance Act that is up for consideration at this session of the legislature merits the attention of all builders. Its aim and intention is to amend a law that now is a good law for the workman but which is in many respects a bad one for the employer. Under the present act the insurance is elective. The defenses have been removed so that there is always a judgment against the employer in case of accident but it does not compel him to insure. Hence the employer who has no assets or is judgment proof can figure work against the solvent and responsible man without the insurance premium. Under this condition the responsible and solvent man is subjected to a lot of unfair competition.

The present bill provides for compulsory insurance for all. State insurance is provided for also so that the rates can not be made exorbitant by the companies. The constitution has been so amended that compulsory insurance is now possible. It will remedy the inequality of the former

law and make the burden of insurance be borne by the trade itself.

The world has moved a good deal in the last two years. Then the proposal to abrogate the contributory negligence and the fellow servant rule of the courts in industrial accidents was looked upon as revolutionary. Now there is comparatively little difference of opinion as to its justice. It is a progressive measure and society generally has advanced to the point of appreciating the facts.

The Chronicle comments upon the initiative proposition to reduce telephone rates as evidently a get-rich-quick scheme of the promoters. What the motive of the Telephone Users Association may be is not known but a reduction in rates is certainly a reasonable request and there is nothing in the proposition to warrant any criticism of direct legislation.

If there is any blot on the present city administration it is the fact that the Pacific Telephone and Telegraph Company was allowed to take over the property of the Home Telephone Company in direct violation of its contract with the city and the written terms of its franchise. No protest was made by the Chronicle or any other of the big newspapers. On the contrary every effort was made to discourage any action by the people to retain their rights under the contracts. Today the Pacific States Telephone Company is in possession of the Home plant, its service has been practically dismantled and all the city has is a lawsuit which will probably never be adjudicated.

Under these conditions a criticism from the press on the movement of the people to reduce rates of a monopoly that has always dealt in devious ways in securing franchises and securing its ends by any means.

The Income Tax Amendment has been finally adopted by the requisite number of states to make it a part of the organic law of the land. It is now up to the Congress to pass a law for the purposes of enforcing its provisions. A century almost has gone by in securing the result. Under the old original draft of the constitution a compromise provision was inserted to the effect that representatives and direct taxes should be apportioned among the several states according to the population. This was a provision for counting the slaves in estimating population and the direct taxes were to be apportioned according to population. Under this provision the people of great income have successfully evaded any federal income tax. Now that the long obsolete provision of the constitution has been changed taxes will be allowed to be levied where they are right belong.

So too with the provision for the election of Senators by a direct vote of the people. Corrupt politics has long prevented the change of that section of the constitution which provides that Senators shall be chosen in the several states by the legislatures thereof. This provision has been the source of more political corruption than any other. It is only a question of a short time till the requisite number of states will have ratified this amendment so that the people will be able to elect United States Senators direct without the intervention of the state legislatures.

A number of amendments have been submitted affecting the lien law now in operation in the State and it behooves all persons interested in the building business to look to the preservation of the present statute. The most radical of these is that submitted by Senator Gates of Los Angeles which seeks to repeal the present law and substitute the old statute with all its artificial restrictions. During the recess of the legislature the "Builder" will publish these various amendments with comments thereon showing the intent and probable effect of each. The law as it stands has proven satisfactory. There is no need of change at this time. It might be amended profitably in some particulars but until it has been adjudicated by the courts it is well enough to let things alone.

In another column of today's issue the facts relative to Judge Graham's decision on the demurrer in the case of Nelson Mfg. Co. vs. Devenenzi are given in a letter from the Attorney to the Secretary of the California Building Law Association. A lot of newspaper notoriety was given to the case at the time of the decision which was misleading. The demurrer was in fact overruled and no mention was ever made of it in the Daily Press.

The Chronicle has a half-page discussion of plans for transportation to the exposition grounds. It also prints some statements of those interested to the effect that those who selected the site are to blame. Among others are the opinion of Matt. I. Sullivan who says: "No Constitutional nor Charter Amendments are necessary. All the city needs to do is order the United Railroads to put on 500 more cars." Which seems to be the only sensible statement in the bunch.

The city has paid and is paying Bion J. Arnold an enormous sum of money for practically nothing. The only thing he has done is to propose a charter amendment which was extremely ambiguous and which most of the voters rightly thought played into the hands of the United Railroads. Harbor View is not at all inaccessible. It is a site peculiarly fitted for the exposition. There is no reason why transportation cannot be provided and without the city being held up for franchises to a corporation that is already making the people pay interest on fifty millions of fictitious capital.

It is time to stop talk about the site. People who live in the Mission are sore because it didn't go to Lake Merced. Those who live in the vicinity of the Park think that it should have gone to the Park. It has gone to a Bay site, near the Golden Gate, where it properly belongs and of course there are a lot of hoags that wish to profit by any circumstance that may come their way. And the greatest of these is the United Railroads.

Don't as to the stability of the dam at Little Bear Valley in San Benito County has been expressed before the Railroad Commission and the State Engineer has likewise spoken of the dam at Big Meadows to be erected by the Great Western Power Company as being likely to be uncertain in its stability. These are vast projects involving millions of dollars in expenditure for construction. They will store millions of tons of water and be a

menace to inhabitants of the valleys below. There should be no question of the stability of construction and every safeguard should be placed to protect the lives and property of people below as well as the property of the people who own the dam and those that are dependent upon its water supply.

Some form of inspection of these dams should be provided. The State Engineer or some competent officer in the employ of the State should inspect these structure and make a detailed report upon them, which report should be a matter of record. The great disasters that have occurred in Pennsylvania where dams have broken loose emphasize the danger where great quantities of water are impounded at a level necessarily higher than the country which they serve. Some sort of permit ought to be required to construct a dam anywhere where the lives and property of people would be endangered by the collapse of the structure.

Dr. Galloway of the Plant Bureau has created something of a discussion by his assertion that there had never been any long continued successful irrigation in an arid region anywhere in the world. This is simply stating an historical fact which is true when we consider the term "long-continued" to mean a number of centuries. And then it has one exception for the valley of the Nile has been irrigated since the earliest dawn of recorded history. It is still as fertile and productive as when Pharaoh's daughter found little Moses in the bullrushes. The reason for this is that the flood waters of the upper Nile annually supply the sediment which restores the exhausted chemicals to the soil. This recurs every season and the plant-growing elements are continually renewed. In the case of the Nile nature renews the exhausted elements. These can be restored by man in the shape of fertilizers.

Irrigated countries have usually become desolated from other reasons. Bad government and bad forestry have removed the source of water supply. In a semi-arid country where a forest is once denuded it is likely never to be restored. So when war or poverty drove the people out of the countries that were formerly densely populated they remained permanently desert country.

The semi-arid valley land of California, for instance, formerly produced wheat in abundance. Now the soil is almost exhausted for dry farming. Water applied brings out the chemicals to restore unused and the land is productive. In time these elements will be flushed from the soil by irrigation and the land will have to be renewed. So that even if Dr. Galloway's contention is true irrigation is the only available means of rendering productive the vast arid fields which are now deserts. Should irrigation not prove to be permanent in the sense of rendering a country productive for thousands of years, the time that it is productive would be lost and thus saved to the world. With modern ideas of conservation and forestry advanced to a science there is no reason why irrigation could not be a permanent improvement to the world.

REINFORCED CONCRETE.

A Building Material Historically And Scientifically Considered.

By H. D. Shutt, C. E.*

*Mr. Shutt is a prominent Alberta civil engineer, and delivered this address in Calgary before the annual Convention of the Institute of Western Canada Civic Building Superintendents.

Historically, one of the first references to the use of reinforced concrete in buildings was in France, in 1850. Coming across to this side of the Atlantic, a form of reinforced concrete was used in 1872, in a house at Port Chester, N. Y. In 1885 Ransome invented his twisted steel bar for use as reinforcement, and demonstrated the principles involved in the successful incorporation of steel in concrete. From 1885 to 1890 Ransome used a system of reinforcement in many buildings in San Francisco and vicinity, and it is interesting to note that notwithstanding the crudeness of the design these buildings came through the recent earthquake at San Francisco practically unscathed, while neighboring buildings of brick and stone were entirely demolished.

The use of reinforced concrete as a building material received a great impetus in 1897-1898, when builders and engineers were faced by a great shortage of structural steel, and were obliged to turn to reinforced concrete to fulfil their designs. The result was that they began to study the reinforcing of concrete from a scientific standpoint, and by 1900 reinforced concrete was generally recognized as a building material.

Since then, its use in buildings has increased in about the same proportion as the production of Portland cement. In 1900 there were approximately 8,400,000 barrels of Portland cement manufactured; in 1905 about 36,000,000 barrels; and for the past year something over 60,000,000 barrels on this side of the Atlantic.

Concrete alone is capable of supporting great weights in direct compression, but it is weak in tension, being able to support only about one-tenth as much in tension as in compression. Therefore, if it is desired to use concrete as a beam or slab, it is necessary the portion of such beam or slab which is in tension be reinforced and that the reinforcement be placed in exactly the same position in which it will do the most good. The steel should be placed as close as possible to the bottom, only a layer of concrete or at least one and one-half inches being below the steel for fire protection. But if that beam enters a column or passes over one or more supports, it ceases to be a simple beam and becomes either a fixed or continuous beam. Then there is a tension stress in the top fibres of such a beam where it enters or passes over a support, and for economic design reinforcement must be placed there accordingly.

But there are other stresses in a beam that have to be provided for besides tension. There is the question

of web stress or internal shear. This is provided for by stirrups of mild strap steel or heavy steel wire bent into form either of a U or a rectangle, which theoretically should be inclined at an angle of 45 degrees toward the support. In practice they are usually placed vertically for convenience except in the case of patented systems, although a slight excess of steel is thereby made necessary. The spacing of these stirrups is usually a function of the depth of the beam. It is also common practice to bend a part of the reinforcing bars up at either the one-third or one-fourth points of the span at an angle of from 30 to 45 degrees, and bring the bar back along the top of the beam, thus aiding in the top reinforcement against negative bending moment, as well as taking care of a part of the internal shear of the beam.

The strength of concrete varies with the quality of materials, the quantity of cement per cubic yard of concrete, and the density of the mixture. Therefore the strongest as well as the most economical mixture consists of an aggregate containing a large variety of sizes graded so as to fit into each other and leave the smallest possible amount of voids, with enough cement to slightly more than fill the voids in the aggregate.

The steel used should be preferably a mild steel, having an ultimate strength of from 55,000 pounds to 65,000 pounds per square inch. A high carbon steel is sometimes more economical on account of its higher ultimate strength, which is from 90,000 pounds to 115,000 pounds per square inch, but on account of its brittleness it must be placed with great care, and should not be used by an inexperienced designer or contractor.

As to mixtures, no leaner mixture than 1:2:4 should be used for reinforced concrete, unless great care has been taken in the selection and testing of materials and testing of the cement.

The usual working values of stresses in concrete are as follows:

In compression, from 500 pounds to 700 pounds per square inch, depending upon the richness of the mixture.

In tension, from one-tenth to one-eighth as much as in compression.

In shear, about one-fourth as much as in tension.

These values give factors of safety of from 3 to 6.

Too much care cannot be taken in the selection of materials for reinforced concrete. Of course, the cement must be satisfactorily tested. The fact that the manufacturer "guarantees" his particular brand of cement should not suffice, but independent tests should be made as to fineness, time of initial and final set, density and tensile strength attained in one day and seven days. It is not usually possible to make a 28-day test, valuable as it is, on small jobs, but where the work is to be extended over a period of time,

a 28-day test should always be required. Samples for testing should be taken from at least every tenth barrel. Each car load should be piled separately to permit of taking samples, and the samples from each car should be tested separately. Cement should be stored in a waterproof building, with the floor raised from six inches to eight inches off the ground to permit a free circulation of air underneath.

The stone for the aggregate should be examined, and a soft or porous stone or one showing many cleavage planes or a stone of shaley formation should be rejected. The crushed rock must be piled on planes or platforms to keep it from the earth. Otherwise a wheelbarrow load of the scrapings of stone and earth might be thrown into a batch that was to be placed at just the point in your beam or column that will be subjected to the greatest stress.

The sand should be sharp and gritty, and practically free from loam or vegetable matter.

The general adaptability of reinforced concrete is beyond question. A reinforced concrete building is practically a monolith. There is less vibration in a concrete structure because the weight of the material and the monolithic nature of the structure tend to deaden and absorb vibration. This makes reinforced concrete especially suitable for buildings which are to contain heavy or high-speed machinery. The ability of reinforced concrete to withstand severe vibration was satisfactorily shown in the recent San Francisco earthquake.

If the reinforcing steel is properly protected, a reinforced concrete building is absolutely fireproof. Not an instance has been reported of the failure by fire of a reinforced concrete structure in which the steel was properly protected, although there were many such structures in both Baltimore's and San Francisco's fire-swept districts. One inch is the greatest depth to which the concrete was found to be damaged, although in some instances water from a two and a half-inch nozzle was turned in when the outside of the concrete was almost at a red heat. The only damage seen in such cases was a spalling or chipping off from one-half inch to one inch in thickness.

The matter of initial cost varies with the locality. Take the example of two recently erected buildings in Calgary: One an office block with a steel frame, a steel floor and laminated wooden floors; and the other a reinforced concrete apartment house of practically fireproof construction. The steel frame building cost about 27 cents per cubic foot of entire volume, and the concrete building cost approximately 22 cents per cubic foot of the total volume, showing a difference of about 19 per cent in favor of the reinforced concrete structure. The cost of the steel structure would have been con-

considerably increased if tile or fireproof floors had been used, and if the columns had been properly protected by concrete.

The General Electric Company, which is the largest electrical manufacturing company in the world, is erecting reinforced concrete structures wherever they are in need of new buildings. They spend hundreds of thousands of dollars yearly in constructing these buildings. A modification of the "Unit System" is the design usually used.

In the matter of finish, a little care in the mixing of and erecting forms, and any desired decoration can be cast with the wall or column. If so desired, panning in cement plaster or stucco may be applied, and any desired color effect be obtained by coloring the mortar. Cement plaster will adhere more firmly to concrete than to brickwork, for the rate of expansion is more nearly the same, and there is less danger of cracking.

After the reinforcement of the building has been designed by a competent engineer and the materials properly selected, comes the question of competent supervision and honest erection of the building. If the placing of the steel is left to unskilled laborers or is not properly supervised, it is more than probable that it will not be placed in its proper position in the beam or slab. Even though there is an excess of reinforcement in the beam, if this reinforcement is not in its proper position, the beam is likely to partially or entirely fail.

If the workmen are left to themselves or are not properly directed they are apt to remove the forms before the concrete has become sufficiently hard. They do not stop to consider whether the weather conditions have been such as to aid the setting up of the concrete or have hindered it. If the forms are removed too soon and material piled on the beam, a partial or total failure is the result. Concrete must be protected in hot weather as well as in cold. Excessive heat causes too rapid evaporation of the moisture in the concrete, and there is not sufficient moisture left for the chemical changes that are taking place in the mass.

Fort Mason for a one-story and basement reinforced concrete building, which is to be erected at the Letterman General Hospital in the Presidio. The structure will cover a ground area of 73 feet 4 inches by 119 feet 2 inches, and is designed for a sterilizing and disinfecting building. Specifications include large copper skylights, metal window frames and sash and modern plumbing. An estimated cost of \$18,000 is placed on the work.

A new piece of sea wall is to be constructed at Fort Mason, plans for which are now being prepared. Construction will be of reinforced concrete. The wall will be 100 feet long and 14 feet high and will be located near the boat houses.

LIEN LAW A SUCCESS

Has Never Been Declared Unconstitutional By Any Court.

Facts Of The N. O. Nelson Manufacturing Company Case Presented By The Attorney.

The following letter to the California Building Law Association by Mr. Ackerman, Attorney for the Nelson Mfg. Co., explains the case that was decided some time ago and which has been widely published as stating that the law is unconstitutional.

Lon. W. S. Scott,

Sec. Cal. Building Law Ass'n.,
San Francisco, Cal.

Dear Sir:

In accordance with your request that I advise you of the history and present status of the case of N. O. Nelson Mfg. Co. vs. Brown, et al, I beg to submit the following statement:

Action was instituted in the Superior Court of San Francisco County by N. O. Nelson Mfg. Co., dealers in plumbing supplies, against W. J. Brown and wife, owners, Devenzenci Bros. & Co., contractors, and Golden Gate Plumbing Co., sub-contractors.

Golden Gate Plumbing Co. was employed by Devenzenci Bros. & Co., the original contractors, to do and perform the plumbing work in the building to be constructed on the land owned by Brown and wife. The Golden Gate Plumbing Co. purchased from Nelson Company certain plumbing supplies which were delivered to the building and actually used in the erection and construction of the building.

The sub-contractors failed to fully perform their contract and there was no money in the hands of the original contractor due to the sub-contractor, and no money in the hands of the owner due to the original contractor. Under the circumstances Nelson Company liened and in due course instituted an action to foreclose the lien.

The defendants appeared by their attorneys and entered a demurrer to the complaint on the ground that the same failed to state a cause of action, the theory being that no cause of action could be stated by the materialman under the new lien law, the complaint having set forth that there was no

money in the hands of the owner due to the contractor.

Upon the argument of the Demurrer the defendants attacked the law on the ground of its unconstitutionality, and after argument Judge Graham of the Superior Court of this City and County sustained the demurrer thereby deciding that the present mechanics' lien law is unconstitutional. Subsequently I made application to Judge Graham to reconsider his ruling and suggested that the matter be submitted again and that the attorneys be permitted to present briefs on the question. This was done.

It was contended on behalf of the defense that the present mechanics' lien law is unconstitutional for the reason that it infringes the provisions of the constitution of the United States insuring to every person liberty of contract and due process of law; that a provision which seeks to deprive the owner of the restrictions upon his liability is void; that it is beyond the power of the legislature to declare a lien directly on the land irrespective of the state of accounts between the owner and the contractor; that it is beyond legislative power to provide a lien on behalf of a person with whom the owner has had no contractual relations; that a law which requires the owner to ascertain before settling with the contractor whether or not all materials supplied to the building have been paid for is an unlawful burden upon him.

Subsequently Judge Graham, after considering the briefs filed by counsel withdrew his former ruling, and overruled the Demurrer thereby requiring the defendants to answer to the merits of the case.

Thereafter an offer was made by the defendants to my client, the Nelson Mfg. Co., to pay them a certain amount in settlement of the lien and this offer was accepted thereby disposing of the case.

So far as I know, and I have watched the decisions carefully, there has been no ruling of any kind whatever in this State declaring the present Mechanics' Lien Law unconstitutional.

If you desire any further information I am at your command.

Yours very truly,
LLOYD S. ACKERMAN.

More New Work At Government Post.

Constructing Quartermaster's Office Busy on Plans for Addition to Hospital and Sea Wall.

A contract has been awarded by the Constructing Quartermaster's Department of the United States Army at Fort Mason for repairs to the new Army Transport Docks which include new cluster piles, Australian iron bark rub strips and fender piles. The Healy-Tibbitts Construction Company secured the work at \$6771.

A contract has also been awarded by the same department for wiring screening a room in Store House D to Francis Szake for \$265.

HOSPITAL ADDITION.

Plans are being prepared in the Constructing Quartermaster's Office at

Harbor Commission Extends Time On Bids.

Tender for Pier No. 39 Received From Thompson Bridge Co. Completes Work of Board.

Bids for the construction of Pier No. 39 were received by the State Board of Harbor Commissioners Thursday morning, but none of the bids were opened. Action was taken postponing the opening of figures until next Tuesday at 11 o'clock. This was done owing to the fact that a bid for the construction of Pier No. 39 has been received from the Thompson Bridge Co. and this firm now have an application before the State Board of Harbor Commissioners asking to be allowed to withdraw their bid submitted for the construction of Pier No. 37 on which work they were some \$19,000 below the State Engineer's estimate and \$30,000 below the next bidder. The Commis-

soners have the matter in the hands of their attorney for consideration and pleading an expression of opinion from him on the above complications it was not regarded as good policy to consider any of the bids for new work.

THE "HOME BUILDER."

Theory vs. Common Sense in the Construction of Homes for Comfort—A Few Suggestions

Home building is a subject that is near to the hearts of all, and is capable of many interpretations. There are many home builders and there are many types and varieties of homes built. The resultant "home" in a large manner depends upon the view point with which the home builder approaches his subject. If, as we fear is sometimes the case, he views it as a mere problem of successful finance, then the result is likely to be successful from his standpoint alone.

Again, it may be that the home builder is so far a judge of mankind, or rather womankind, for it is they who chiefly interest themselves in this subject, and rightly too, that he perceives that a certain style or "freak" is the vogue for the moment, so he covers up his successful finance with a veneer of the particular style that is "de rigueur" or the moment.

The much abused California bungalow is a case in point, of which the extreme unsuitability for our climate is obvious and rapidly becoming recognized. For, in California, actually, a flat roof and a large over-hang and plenty of verandah to sit out upon is correct and most acceptable. But for us in a more northerly climate, though a beautiful one, and in many ways superior to that of California, the same style is not suited. Our rainfall is an established fact and though when it rains the major portion of the water runs away, a certain amount stays behind and clings to the shingles. The latter the roof, the larger the residue.

In a climate where for a certain part of the year the rainfall is decided, the steeper the pitch of the roof the better. Shingles, even the best, after a number of years become rotted, and if laid to a flat pitch will hold the water far more than if laid to a steep one. The subject is so obvious that further remark is unnecessary to make clear the folly and ignorance of copying a style for that style's sake, regardless of the local conditions. The California bungalow in British Columbia is as ridiculous as would be the ice-hut of the Esquimaux.

Next our home builder may clothe his successful finance at the expense of the home-liver with a superfluous, gingerbread decoration of the type seen on wedding cakes. This is expensive, puerile, offensive and dishonest, for it is merely applied decoration to conceal imperfect construction.

This architectural decoration is not an applied ornament, but should express the internal construction and if the construction itself is a decoration then the highest achievement in architectural art has been obtained, i.e. it in the Cathedral or bungalow.

Leaving for a moment the various erroneous viewpoints of some home builders which are sterile and will become extinct, there remains for con-

sideration that of the true home builder. The finance should of course be the main basis of continual success, and not at the expense of the architectural design or building construction, and that architectural results can be obtained together with financial success. One small house, in particular, erected in Victoria gives evidence of the result satisfactory from all view points which can be obtained without the affectation of any particular style or the dishonesty of applied ornament, and this is nearing com-

pletion on Avelbury Avenue, Victoria. Here, proportion and a reason for every feature were the guides followed in designing by the architect. The construction is solid as the external appearance expresses. There will be found no freaks, no weird or grotesque gaping mouths cut out of the barge board ends—in fact no vulgarities—merely a refined house of a retelling but solid disposition—a well built home for a true home lover.—From pamphlet prepared by British Canadian Home Builders, Limited, Victoria.

Firms desiring news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

—APARTMENT HOUSES—

SAN FRANCISCO—Apartment house, 6 or 9 story and base. Class A construction, \$250,000 to \$300,000. Architect not selected. Owner, Tiley L. Ford and associates. Following the announcement of the sale of the southwest corner of California and Jones streets, 103½x137½ comes the statement that the new owners, Tiley L. Ford and associates, will build a six or nine story Class A apartment house costing in the neighborhood of \$250,000 to \$300,000 on the property. The sale was made through the real estate offices of Trevor & Co. The new owners are considering preliminary sketches submitted by two different architects, and a selection will not be made before the first of March.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, Henry C. Smith. Humboldt Bank Bldg., S. F. Owner, Frank Hunter. Plans are complete for a building containing in the neighborhood of 25 suites of two and three rooms each. There will be wall beds and private baths. Interior finish will be of pine and redwood with some oak veneer. Steam heat will be installed. The exterior of the building will be covered with brick veneer and cement plaster. Bath rooms will be finished in tile and will have cement floors. Bids are now being taken on this work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architect, C. M. Cook. Rialto Bldg., S. F. Owner's name withheld. The building will be erected on Broderick street, and is designed to contain 24 suites of the two and three room type. All apartments will have wall beds and private bath rooms. Interior finish will be of pine and redwood with some oak veneer in the lobby. Plans include steam heat and hot and cold running water. Bath rooms will have cement floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, Paul de Martini, 421 5th Ave., S. F. Owner, Paul de Martini. The building will cover an area of 40x60 feet, and is to contain 10 small suites, with bathtubs and wall beds. Interior trim will be of pine and redwood throughout. Hot water will be supplied to all rooms. The exterior of the building will be covered with shiplap and rustic. Plans are complete and

the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$150,000. Architect, Creighton Wilbers, S. W. California and Powell Sts., S. F. Owner, L. H. Sly. Mr. Sly, one of the largest operators in apartment house structures in the west, has recently purchased the southwest corner of Post and Leavenworth streets, and has instructed his architect to prepare plans for a modern apartment house structure covering the entire lot, which has a frontage of 137½ feet on Leavenworth street and 127 feet on Post. The building will contain in the neighborhood of 300 guest rooms, which will be arranged in two and three room suites with baths. Interior finish will be of pine, redwood and oak with ornamental plaster in the lobby, parlors and reception rooms. Plans provide for steam heat, elevator service and a hot water plant. Vacuum cleaning will also be installed. The exterior of the building will be faced with cement plaster on brick. Plans are complete and the work will be carried on under the personal direction of Mr. Sly, who is now purchasing all materials.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architects, Fabre & Bearwald, Western Metropolitan Bank Bldg., S. F. Owner's name withheld. The building is to be one of the first modern apartment houses erected south of Market street. The interior has been arranged to contain 24 suites of two and three rooms each with bath and wall beds. Interior finish will be of pine and hardwoods. There will be steam heat and a vacuum cleaning system. Bath rooms will be finished in tile. An attractive entrance and lobby will be one of the features of the building. The exterior will be covered with pressed brick veneer and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$25,000. Architect, Milton Lichtenstein, 111 Ellis St., S. F. Owner's name withheld. The building will be erected at the corner of Jackson and Locust streets and is to contain 24 apartments of two and three rooms each with wall beds and private baths. Interior finish will be of pine, redwood and oak. The bath rooms will be wainscoted with tile. Steam heat and hot and cold running water will be installed. The exterior of the building will be covered with cement plaster and brick veneer. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$12,000. Architect, Leonard H. Ford, 1701 Oxford St., Berkeley. Owner, John J. Fosen, 2809 Elbert St., Oakland. The building will be erected at the corner of 4th Ave. and East 16th St., Oakland, and will contain 12 apartments of two and 3 rooms each. All suites will have connecting baths and wall beds. Interior finish will be of pine and redwood with some oak in the entrance vestibule and lobby. There will be a central heating system and vacuum cleaning. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is taking figures on the work.

OAKLAND, CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, M. L. Newsum, 812 Broadway, Oakland. Owner, Al Wood, 922 Broadway, Oakland. The building will be arranged for stores on the first floor and a number of two room suites on the second floor. All interior trim will be of pine or redwood. Hot and cold running water will be supplied to all apartments. There will be patent store fronts. The exterior of the building will be covered with cement plaster on metal lath. Plans include a furnace heating system. Plans are in the hands of the owner who is taking bids on the various parts of the work.

SAN JOSE, SANTA CLARA CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, F. D. Wolfe, Bank of San Jose Bldg., San Jose. Owner, F. Mayhew. The building will be erected at the corner of 10th and Santa Clara streets, and is to be arranged for several two and three room suites with baths. The interior will be finished in pine and redwood. Some oak flooring will be used. All apartments will be equipped with wall beds. There will be a central heating system. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SEATTLE, WASH.—Apartment house, 5 story and base, reinforced concrete, \$175,000. Architect, W. P. White, Walker Bldg., Seattle. Owner, B. M. Fouts. This building will be erected at the northeast corner of 16th and Madison streets, and is to be arranged for 25 large suites of from five to eight rooms and bath each. All modern conveniences will be installed, including wall beds, elevator service, vacuum cleaning system and steam heat. Interiors will be specially finished for the owners and will include much hardwood and marble and tile. Besides the 25 suites there will be a large office, lobby, reception rooms and parlors. The roof will be arranged for a roof garden. The exterior of the building will be faced with white glazed terra cotta. Plans are complete, and figures will be called for within a day or two.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architects, George F. Costerisan and J. F. Cavanaugh, associated, California Bldg., L. A. Owners, Lawyer and Thomas. The building will be erected on a corner and will cover an area of 56x112 feet. Interior has been arranged for 67 rooms, which will be divided into two and three room suites with wall beds and private bath rooms. Interior finish will be of pine throughout. Plans provide

for steam heat, automatic electric elevator and a vacuum cleaning system. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house 3 story and base, brick. Cost not stated. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. The building will cover a ground area of 105x79 feet and has been arranged to contain 85 guest rooms which will be divided into two and three room suites. All apartments will have wall beds and private baths. Interior finish will be of pine. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. Entrance will be finished in marble and tile. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

VANCOUVER, B. C.—Apartment house, 5 story and base, brick and concrete, \$50,000. Architects, Stuart & White, Metropolitan Bldg., Vancouver. Owner, H. S. Rowling. The building will be 50x77 feet and has been arranged for a number of two and three room suites with wall beds and connecting baths. Plans include steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine and redwood. The exterior of the building will be faced with cement plaster and pressed brick. Plans have been filed for a permit and construction will be started at once.

VANCOUVER, B. C.—Apartment house, 6 story and base, concrete and brick, \$160,000. Architect, W. T. Whiteway, Molson's Bank Bldg., Vancouver. Owner, Harry Hume. The building is to be erected on a corner site. Details of the construction have not been obtained. Plans are still in a preliminary state, and it will be some months before construction can be started. Further announcement will be made in these columns.

WENATCHEE, WASH.—Apartment house, 3 story and base, brick and concrete, \$15,000. Architect's name withheld. Owner, T. E. Young, Haight Bldg., Seattle. Mr. Young is a well known Seattle contractor, and has had plans prepared for a building 80x145 feet. Interior will be arranged for 30 or 40 suites of two and three rooms each. There will be steam heat and a vacuum cleaning system. Interior will be finished in pine with some hardwoods. Bath rooms will be finished in tile and will have composition floors. Wall beds are to be used throughout. The exterior of the building will be faced with pressed brick. Work will be done by Day Labor. Plans are not as yet complete.

Contracts Awarded.

PORTLAND, ORE.—Apartment house, 2 story and base, brick, \$30,000. Architect none. Owner's name not given. Contractors, F. E. Bowman & Co., 22nd and Brazil Sts., Portland. Contract price, \$27,000. Note: The building will cover an area of 190x85 feet. Construction has not yet been started.

MERCED, MERCED CO., CAL.—Apartment house, 3 story and base, brick, \$20,000. Architect's name not

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given. Owner, H. J. Hinds. Contractor, A. Rahives, Merced. Contract price, \$20,000. Note: This building will contain 26 suites with private baths and wall beds. Plans include steam heat.

BANKS.

RIVERBANK, STANISLAUS CO., CAL.—Bank, 2 story and base, reinforced concrete, \$15,000. Architects, Starbuck & Clarke, Fresno. Owners, Riverbank Land and Water Co. The building is to cover an area of 50x90 feet. The entire first floor will be occupied by the banking offices, public room and work space. Second floor is to be arranged for a number of modern offices. Interior finish will be of pine and hardwoods. Considerable marble and tile will be used. Special bank fixtures and vaults will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

OWENSMOUTH, CAL.—Bank and offices, 2 story and base, brick and concrete, \$17,000. Architects, Ye Planry Building Co., Title Insurance Bldg., L. A. Owners, Los Angeles Suburban Homes Company, Trust and Savings Bank. Contractors, Ye Planry Building Co., Title Insurance Bldg., L. A. Contract price, \$17,000.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO.—Pier construction, reinforced concrete, \$500,000. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. At a meeting of the State Board of Harbor Commissioners held Thursday morning, the time for opening bids for the construction of Pier No. 39 was extended until next Tuesday at 11 o'clock. Such action was made necessary owing to the fact that a bid was received for this work from the Thomson Bridge Co., who are now asking to be released from their bid for the construction of Pier No. 37. Pending an expression of opinion from their attorney the State Board refused to consider bids for new work on which the Thomson Bridge Co. submitted a figure.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—Pier, reinforced concrete construction, \$70,000. Engineer, Ernest Rothenberg, 1257 West 12th St., Room 11 D. L. A. Owners, City of Huntington Park. Plans and specifications as prepared by Engineer Rothenberg have been approved by the City

Council and bids will be called for shortly. The structure will be of reinforced concrete except the deck which is to be of wood. Bonds in the sum of \$70,000 have been sold.

YOSEMITE, CAL.—Bridges, 4, reinforced concrete, \$30,000. Engineer, Department of Interior, Washington, D. C. Owners, United States Government. Oscar Parlier, of Tulare, was low bidder at \$27,198 for the construction of four reinforced concrete bridges in Yosemite National Park. Other bidders were Gildersleeve Construction Co., Napa, \$33,775; M. P. Youker, San Francisco, \$35,964; W. N. Concato Co., San Francisco, \$37,700; Elmer J. Chute, Oakland, \$37,788; Munoz & Munoz, Los Angeles, \$38,333; Midland Bridge Co., Los Angeles, \$40,134; State Construction Co., San Francisco, \$41,361; Wm. Bruce, San Francisco, \$49,000; Southwestern Construction Co., Los Angeles, \$19,750; Fisher Engineering Co., Portland, \$51,313; T. K. Beard, Modesto, \$53,890; Westlake Construction Co., Los Angeles, \$61,600. The bids will be forwarded to the Secretary of the Interior at Washington, D. C., for segregation and approval.

—COURT HOUSES & JAILS—

CHINOOK, MONT.—Court house, 2 story and base, brick and concrete. Cost not stated. Architect, George Stanley, Great Falls, Mont. Owners, Blaine County. Plans for this building are complete and figures are being taken. Bids will be opened on February 20th. Plans and specifications can be secured from the architect or from Vernon Butler, County Clerk.

SEATTLE, WASH.—Court house addition, 3 story and base, Class A construction. Cost not stated. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. The commissioners have decided to proceed at once with the construction of a part of the proposed court house, and have instructed the architect to complete what revision of plans and specifications is necessary. The whole project involves \$950,000. Bids will be called for shortly.

CHURCHES.

SAN FRANCISCO—Chapel, frame construction, \$12,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. This building will be erected on the Relief Home Tract and will have a seating capacity of about 320 people. The interior will be finished in pine and redwood. Design is in the Mission style. The exterior will be covered with cement plaster on metal lath. Plans are nearly complete and bids will be called for shortly by the Board of Public Works.

MODESTO, STANISLAUS CO., CAL.—Church, 2 story, frame and concrete. Cost not stated. Architect, John J. Foley, Monadnock Bldg., S. F. Owners, Roman Catholic Church of Modesto. The building is to be designed in the Spanish Mission style with the exterior covered with cement plaster on metal lath. Interior will be finished in pine with some ornamental plaster work. There will be seats for about 500 people. A red tile roof is to be used. Plans have just been or-

dered and it will be some time before working drawings are complete. Further notice will then be given in these columns.

SANTA ANA, ORANGE CO., CAL.—Church, 2 story and base, frame, \$50,000. Architect not selected. Owners, First Baptist Church of Santa Ana. The church directors are considering plans for the construction of a new building. Rev. Otto S. Russell is the pastor. An architect has not yet been selected.

BAKERSFIELD, KERN CO., CAL.—Church, frame or brick construction, \$35,000 to \$50,000. Architect not selected. Owners, Congregational Church of Bakersfield. The Building Committee of the First Congregational Church are considering plans for the construction of a new edifice. C. A. Barlow is the chairman of the committee and will submit a report to the main body within a few days. Further notice of the work will be given in these columns.

SAN DIEGO, CAL.—Church, 2 story and base, Class A construction, \$190,000. Architect's name not given. Owners, First Presbyterian Church. A campaign has been started to raise the balance of the fund for construction and work will be started shortly. The new church is to be erected at the corner of 3rd and Date streets. Some part of the work has been completed, but to finish the church \$190,000 will be required.

REDONDO BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, frame. Cost not stated. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, First Church of Christ, Scientist. The building will contain a main auditorium seating 200 people, reader's room and Sunday school rooms. Interior will be finished in pine. The exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SEATTLE, WASH.—Synagogue, 2 story and base, reinforced concrete, \$10,000. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owners, Yesler Avenue Synagogue. This building has been mentioned here a number of times before. Plans have been completed and turned over to the Building Committee, who are now taking figures on the work. Foundations are already in and the work now being figured for completing the construction.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse, 3 story and base, reinforced concrete. Cost not stated. Architects, Cunningham & Pollett, First National Bank Bldg., S. F. Owners, Warehouse and Investment Co. This building is to be erected on King street east of Third, and will cover an area of 120x120 feet. The entire building has been leased to a large importing firm. Construction will be fireproof throughout with concrete floors and roof slabs. There will be fireproof doors and metal window sash and frames. Freight elevators will be installed. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Warehouse and factory, 4 story and base, reinforced

concrete. Cost not stated. Architect, George William Kelham, Crocker Bldg., S. F. Owners, Gantner & Matern Co. It has been stated on excellent authority that Lindgren & Co. will be given the contract for the construction of this building, which is to be erected on Mission street near 10th.

PORTLAND, ORE.—Warehouse, 2 story and base, reinforced concrete. Cost not stated. Architects, Whitehouse & Poulthou, Wilcox Bldg., Portland. Owners, Pacific Bridge Co. A site has been secured at the corner of Salmon and Water streets and a building 60x100 feet is to be erected as soon as plans can be completed. The plans will provide for foundations and walls of sufficient strength to carry several additional stories. Construction will be fireproof with concrete floors and roof slabs. Fireproof doors and metal window sash and frames are specified. The exterior of the building will be covered with cement plaster. Plans are being prepared.

SOUTH PORTLAND, ORE.—Factory, 5 story and base, brick. Cost not stated. Architect, C. H. Bristow, Portland. Owners, Carman Manufacturing Co. This is the second notice given to the Carman Company's project, which is to establish the largest furniture manufacturing plant on the coast. Plans have been completed for the first building to be erected, which will be a two-story mill constructed addition to the present factory, and will cover an area of 80x30 feet. This work will be done by Day Labor. Following this construction will come the five-story building which will probably be erected this year. A large reinforced concrete retaining wall and a large fill will be undertaken later.

PORTLAND, ORE.—Factory, 4 story and base, reinforced concrete, \$150,000. Architect, John Graham, Lyon Bldg., Seattle, associated with Architects, Doyle, Patterson & Beach, Portland. Owners, Ford Motor Car Co. It is stated that Alexander Pearson, New York Bldg., Seattle, is low man on this work, and he is now in Portland negotiating with the associate architects. The estimated cost of the building was placed at \$150,000.

SEATTLE, WASH.—Warehouse, 4 story and base, reinforced concrete, \$60,000. Engineers, Weld & Thomas, Hoge Bldg., Seattle. Owners, Sylvester Bros. The building will cover an area of 90x115 feet, and has been designed for a modern fireproof warehouse. There will be concrete floors, metal window frames and sash and fireproof doors. Freight elevators and an automatic sprinkler system will be installed. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

VICTORIA, B. C.—Warehouse, 3 story and base, reinforced concrete, \$30,000. Architect, M. S. Farwell, Victoria. Owners, Scott and Peden. The building has been designed for a flour and feed warehouse. Construction will include metal window frames and sash. The exterior will be faced with cement plaster. Some special machinery will be required, which is not to be included in the general contract. Plans are complete and figures are being taken.

FLATS.

SAN FRANCISCO—Flats, 4, 2 story and base, frame, \$4,500 each. Architect, none. Owner, A. B. Hallett, 1259 12th Ave., S. F. These buildings will all be erected on the west side of 7th avenue near I street. Each building will contain two modern flats of five and six rooms each. Interior trim will be of pine and redwood with some hardwood floors. Gas grates and open fire places will be used. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic, shingles and cement plaster on metal latb. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, Theo. Lenzen, Humboldt Bank Bldg., S. F. Owner, D. M. Shafer. The building will be erected on Filbert street, and is to have a frontage of 25 feet and a depth of 48 feet. The building will contain two modern flats of five and six rooms each with bath. Interior finish will be of pine and redwood with some oak floors. Elm panels will be used in the dining and living rooms. Open fire places and tile or brick mantels will be a feature of the house. Tile will be used in the baths and kitchens. The exterior will be covered with rustic. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Flat and stores, 2 story and base, frame. Cost not stated. Architect, none. Owner, F. Armanino, 5100 Telegraph Ave., Oakland. The building will cover a considerable area and has been arranged for 12 stores on the first floor and two flats above. Interior finish will be of pine throughout. The exterior will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

LODI, SAN JOAQUIN CO., CAL.—Flats, 2 story and base, frame, \$6,000. Architect, Walter King, Elks' Bldg., Stockton. Owner, Miss Anna Brack. The building will be arranged for four small flats of four rooms each with bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. Tile will be used in the bath rooms and kitchens. The exterior of the building will be covered with rustic. Plans are now being prepared.

GARAGES.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Mrs. Marie Hammel. The building will have a frontage of 50 feet and a depth of 133 feet. There will be a concrete floor, metal window sash and frames and special gasoline storage tanks. The front portion of the building will be used as a sales-room and will be finished in hardwoods and tile. A tile floor will be used and special fixtures. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

LOS ANGELES, CAL.—Garage, 1 story and base, brick and concrete, \$30,000. Architect, none. Owner, F. O. Engstrum, 5th and Seaton streets, L. A. The building will cover an area of 50x237 feet, and has been designed for a commercial garage. The front

portion of the building will be arranged for salesrooms, and will be finished in mahogany and tile. Tile floor will be used. The rear portion of the building will be used as a repair shop, storage space and machine shop. Special storage tanks will be used. The exterior of the building will be faced with pressed brick. Plans are complete and the owner will do the work by Day Labor.

GOVERNMENT WORK AND SUPPLIES.

Canal Circular 557-A.

An advertisement appears elsewhere in this issue calling for bids to be opened January 31 by the general purchasing officer of the Isthmian Canal Commission, Washington, D. C., for furnishing the following:

- Class 1. Round and flat merchant bar iron or soft steel.
- Class 2. 393 sheets steel.
- Class 3. 300 tee angles and 74 steel I-beams.
- Class 4. 250,000 lbs track spikes.
- Class 5. 1,150 flat punches and 800 spiral punches.
- Class 6. 50,000 lbs ingot copper.
- Class 7. 30 reams bond paper.
- Class 8. 150 reams typewriting paper
- Class 9. 7,500 sheets ruled paper.
- Class 10. 15,500 sheets index bristol.
- Class 11. 10,000 scratch pads.
- Class 12. 250 record books.
- Class 13. 1,500 rolls pyramid pins.

Structural Steel for Pier No. 17.

The Isthmian Canal Commission will soon call for bids for furnishing structural steel for shed pier No. 17, Cristobal terminal docks, in accordance with drawings. The following is estimated weights of the steel in the shed and unloader masts and girders:

- Main trusses, 900,000 lbs.
- Jack rafters, 131,000 lbs.
- Purlins, 309,000 lbs.
- Two rows longitudinal trusses, side, 76,000 lbs row A-A, 69,690 lbs; row B-B, 69,690 lbs; row C-C, 73,800 lbs row D-D, 36,300 lbs; row E-E, 120,000 lbs.
- Steel door framing, sides and ends, 130,000 lbs.
- Lateral braces, 67,700 lbs.
- Unloader masts, girders, stays, etc., 322,600 lbs.
- Necessary rivets, 11,500 lbs.

Pearl Harbor, Storage Tanks.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., on January 25 for furnishing steel fuel oil storage tanks at the naval station, Pearl Harbor, H. T.:

- W. N. Concanon Co., Monadnock Building, San Francisco, Cal., \$61,785.
- Ritter-Conley Mfg. Co., 53 Water street, Pittsburgh, Pa., \$60,900.
- Treadwell Construction Co., Midland, Pa., \$60,000.
- Chicago Bridge & Iron Works 10500 Throop street, Chicago, Ill., \$73,000.
- Petroleum Iron Works Co., Sharon, Pa., \$63,717.
- The Reeves Bros., Alliance, Ohio, \$67,920.

Yakima Power Plant Project.

Advertisements are published elsewhere in this issue calling for bids to be opened at the office of the Reclamation Service, North Yakima, Wash., for electrical and hydraulic apparatus for

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the power plant, storage unit, Yakima project, Wash. The electrical schedule includes one 150-K. W. alternator, complete; one 7½ K. W. direct current exciter, and one switchboard apparatus, complete. The schedule for hydraulic apparatus includes two 200 H. P. horizontal tangential impulse wheels, with gate valves and piping, complete; two 200 H. P. hydraulic turbines, with gate valves and piping complete; two oil-pressure governors for 200 H. P. impulse wheels, and two oil pressure governors for 200 H. P. hydraulic turbines.

FORT MASON, CAL.—Sea Wall construction, reinforced concrete. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans are nearly ready for figures for a piece of reinforced concrete sea wall which is to be erected at Fort Mason. The sea wall will be 100 feet long and 14 feet high. Bids will be taken through the Constructing Quartermaster's office at Fort Mason.

Contracts Awarded.

FORT MASON, CAL.—Repairs to transport docks, etc., \$6,000. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$6,771.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Auditorium, 2 story and base. Class A construction, \$500,000. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for the structural steel work for this building have been completed and are now out for figures. The building has been fully described here several times before. Bids will be opened for the furnishing and erecting of the structural steel on February 27th. The official proposal appears in another column of this issue. Complete information relative to the work can be secured from Architect Donovan.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL.—Lodge hall, alteration of 2 story brick building into three story structure. Architect, Walter King, Elks' Bldg., Stockton. Owners, San Joaquin Investment Co. Contractor, T. D. Lewis, South San Joaquin St., Stock-

ion. Contract price not stated. Note: This work has been taken on the percentage basis.

CAN AWARD
VANCOUVER, B. C.—Association building, 6 story and base, Class A construction, \$310,270. Architect's name not given. Owners, Young Men's Christian Association, Contractors, Booker, Campbell & Whipple, 413 Granville St., Vancouver; Contract price, \$310,270. Note: This building when complete will cost \$600,000.

—HOSPITALS—

PRESIDIO OF SAN FRANCISCO—Hospital addition, 1 story reinforced concrete, \$18,000. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans are nearly complete for a one-story reinforced concrete building 73x118 feet, which will be erected adjoining the Letterman General Hospital at the Presidio. The building is designed for a sterilizing department. Floor will be of concrete. Roof will be of tile. The exterior of the building will be faced with cement plaster. Interior finish will be of pine, tile and hardwood. A separate contract will be let for the special equipment. Plans will be out for figures in a few days.

LOS ANGELES, CAL.—Hospital, 2 story and base, reinforced concrete. Cost not stated. Architect, George Low, County Building, Los Angeles. Owners, Los Angeles County. The following bids were received at the last meeting of the Board of Supervisors for this work:

F. O. Engstrum Co., \$49,647; deduct \$1250 if composition roofing is substituted for slate; deduct \$1615 if 31 feet of west wing is omitted; deduct \$6361 if painting is omitted.

Willard-Slater Co., \$48,500; deduct \$2100 if composition roofing is used instead of slate; deduct \$3800 if painting is omitted.

J. F. Atkinson, \$50,500; deduct \$1100 if composition roofing is substituted for slate; deduct \$1500 if painting is omitted; deduct \$2200 if 31 feet of west wing is omitted.

The following bids were received for the plumbing: W. D. Newell, \$5861 complete; deduct \$2350 if fixtures are omitted; Howe Bros., \$7181 complete, \$2216 for roughing-in only; Thos. Haverly Co., \$7100, deduct \$4100 if fixtures are omitted; Lohman Bros., \$6998 complete, \$2416 for roughing-in only; F. M. Parker, \$8000 complete, deduct \$1500 if fixtures are omitted.

TAPT, KERN CO., CAL.—Lodge hall, 3 story and base, brick, \$20,000. Architect, J. M. Saffel, Fisk Bldg., Bakersfield. Owners, Odd Fellows Building Association. The building will cover an area of 50x125 feet. The first floor is to be arranged for stores and the upper two floors for lodge rooms, banquet hall and offices. Interior finish will be of pine and hardwood. There will be a central heating system. The exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared and figures will be called for within the next week or ten days.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, brick, \$16,500. Architect Ber-

nard J. Joseph, First National Bank Bldg., S. F. Owner, Clara Hibberd. The building will be erected on Howard street west of 3rd street, and will cover an area of 10x7½ feet. There will be stores and the hotel entrance on the first floor. Upper floors will be divided into a number of modern hotel rooms with hot and cold running water. Steam heat will be installed. The exterior of the building will be faced with pressed brick. A contract has been let for the excavating and concrete work. Other parts of the work are out for figures.

SAN FRANCISCO—Hotel, 7 story and base, reinforced concrete. Cost not stated. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner's name withheld. The building will be erected in the downtown hotel district and will be designed for a modern commercial hotel. Preliminary sketches are all that have so far been prepared and details of construction cannot be given at this time. Full particulars will be published next week.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel. Cost not stated. Architect, A. W. Smith, 1010 Broadway, Oakland. Owners, Clancarlo Bros. The building is to be erected at the southeast corner of 16th and Jefferson streets, and will be designed for a high class commercial hotel. Construction will be of steel and brick with exterior walls faced with pressed brick. Plans include steam heat, elevators and a water heating system. Interior will be finished in pine, redwood and some hardwood. Lobby will be finished with marble, tile and ornamental plaster. Plans are being prepared.

VENICE, LOS ANGELES CO., CAL. Hotel, 4 story and base, brick and steel, \$50,000. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, Albert H. Beach. The building will cover an area of 81x90 feet, and has been arranged to contain a total of 81 guest rooms and 15 baths. Interior finish will be of pine, redwood and some hardwood. Bath rooms will have composition floors. There will be steam heat, elevators and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 8 story and base, Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owner, Clarence Brown. This building is to be erected at the southeast corner of Wilshire Boulevard and Carondelet street. Only the preliminary plans have been prepared and details of construction have not been settled. The sketches show 250 guest rooms, all of which will have private baths. Construction is to be practically fireproof. Full details will be given as the plans progress.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, A. E. Featherstonhaugh, Ferguson Bldg., L. A. Owner, Joseph H. Call. The building will cover an area of 60x165 feet, and has been arranged for 90 guest rooms, 21 of which will have private baths. Besides the private baths there will be nine public baths. Interior trim will be of pine, redwood and elm. Composition floors will be used in the baths. Office and lobby will be finished in oak with ornamental plaster. There will be steam

heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SPOKANE, WASH.—Hotel, 12 story and base, Class A construction, \$1,000,000. Architect's name not given. Owners, Davenport Hotel Co. A report originating in Portland states that the Brayton Engineering Co., Lumbermen's Bldg., Portland, has been awarded the contract for the construction of this building. The report cannot be verified at this time.

Contracts Awarded.

PORTLAND, ORE.—Hotel, 1 story and base, mill construction, \$80,000. Architects, Rennes & Hendricks, Portland. Owners, Matsehr Bros. Contractors, J. S. Winters & Co., Portland. Contract price, \$80,000.

—LIBRARIES—

ALHAMBRA, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, \$45,000. Architect, Frederick L. Rohrig, American Bank Bldg., Alhambra. Owners, City of Alhambra. The building, which is to be classic in design, will cover a ground area of 90x100 feet. There will be, in addition to the usual library rooms, ladies' and gentlemen's club rooms, auditorium, open air reading rooms and children's departments. Interior will be finished in pine, redwood and hardwood. Metal shelving will be used. There will be a central heating system. The exterior of the building will be faced with cement plaster. Roof will be of metal tile. Plans are being prepared and figures will be called for shortly. Besides the library, a bond issue of \$172,000 provides for several other buildings which are to be erected in a civic center.

Contracts Awarded.

SEATTLE, WASH.—Branch Library, 1 story and base, brick and concrete, \$30,000. Architects, Thomas & Somervell, associated, Seattle. Owners, City of Seattle. Bids opened for the Queen Anna Branch Library show Woeck & Belins, Oriental Bldg., low on the general construction at \$23,850; Ernst Hardware Co. low on the plumbing at \$2545, and J. J. Agutter & Co. low on the electric work at \$322. The above mentioned firms will probably be awarded the contracts.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SEATTLE, WASH.—Railroad construction, \$75,000. Engineer, Engineering Department, Puget Sound Traction, Light and Power Company. Owners, Puget Sound Traction, Light and Power Company. A permit has been granted to the above mentioned company to construct a second track on Meridian avenue from north 46th street to 58th street. The work has been estimated to cost \$75,000.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2500. Architect, none. Owners, Bay Cities Building Co., Merchants' Exchange Bldg., S. F. The dwelling has been designed for a five-room house with bath. Interior finish will be of pine and red-

work throughout. A large brick mantel and open fire places will be used in the living room. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owners, who will do the work by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect none. Owner, Fernando Nelson, 30 Piedra Terrace, S. F. Mr. Nelson is probably the best known home builder in San Francisco. His operations are still confined to the Richmond District, and these two dwellings will be constructed on 16th avenue near C street. Each will contain six rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be brick and tile mantels and open fire places. Tile will be used in the bath rooms and kitchens. The exteriors of the houses will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 1, 2 story and base, frame, \$2,500 each. Architect, J. M. Geary, 52 Walter St., S. F. Owner, J. H. Krause, 23rd and Polson streets, S. F. These houses will be erected in what is known as College Terrace near Mission street, and each will be arranged for six rooms and bath. All interior finish will be of pine and redwood. There will be open fire places and tile mantels. Some oak flooring will be used. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic, shiplap, and cement plaster. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, D. L. Levy. This house has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, C. C. Jones, Head of Santa Barbara Road, Berkeley. Owner, R. E. Jones. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster and shakes. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, George R. Tryner, 2729 Prince St., Berkeley. The house has been designed for an eight room dwelling with bath and sleeping porch. Interior finish will be of pine, redwood and oak. Hardwood floors will be used in the principal

rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile and will have a composition floor. The exterior of the dwelling will be covered with shingles. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Frank M. May, 2145 Center St., Berkeley. Owner, J. A. Pinkerton. The bungalow will contain six rooms, bath and sleeping porch. All interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire place with brick or tile mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,200 each. Architect, none. Owners, Bay Counties Home Bldg. Co., Merchants' Exchange Bldg., S. F. These houses will be erected on Diamond street near 21st. Each house will contain five or six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, concrete, \$4,500. Architect, none. Owner, James Rountree, 3417 Shafter Ave., Oakland. The house has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with some oak used in the dining and living rooms. Hardwood floors will be used throughout. There will be open fire places and brick or tile mantels. Tile will be used in the bath room and kitchen. Furnace heat will be installed. The exterior of the house will be covered with a cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,000. Architect, none. Owners, Realty Syndicate, Syndicate Bldg., Oakland. Owner, Colin McInnis. The dwelling will contain five rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place with brick mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalows, 7, 1 story and base, frame, \$2,500 to \$3,000. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. These houses will be erected in Fairmont Park and have been designed to contain from five to six rooms each. The interiors will be finished in pine, redwood and some hardwoods. Hardwood floors will be used throughout. Several of the houses will have central heating plants. All will have open fire places and tile or

brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and the work will be started at once under the Day Labor system.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,250. Architect, none. Owner, E. W. Woodward, 1510 Broadway, Oakland. The house has been designed for a six-room dwelling with bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. There will be an automatic water heater installed. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$6,000. Architect, F. D. Wolfe, Bank of San Jose Bldg., San Jose. Owner, Frank Fleming. The dwelling will contain eight rooms, baths and sleeping porch. There will be a central heating system and open fire places. Mantels will be of brick and tile. Interior finish will be of pine, redwood and some hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ST. HELENA, NAPA CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, L. M. Turton, Napa. Owner, Fred S. Ewer. This house has been designed for a large country home and will include all of the latest improvements and conveniences. Besides the main living rooms there will be several baths and sleeping porches. Interior will be finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. A central heating system will be installed. There will be a number of large open fire places with either brick or tile mantels. Tile will be used in the bath rooms and kitchen. An automatic water heater will be used. Composition floors will be used in the bath rooms. The exterior of the house will be covered with cement plaster and stone. Plans are complete and figures are being taken. Plans can be seen at the architect's office or will be sent to responsible contractors on application if accompanied by a deposit.

PORTLAND, ORE.—Residence, 2 story and base, frame. Cost not stated. Architects, Johnson & Mayer, Portland. Owner, Dr. A. E. Rockey. The dwelling has been designed for a sixteen-room house with every modern convenience. Interior finish will be of pine and hardwoods. There will be a hot water heating system, automatic water heater, open fire places and a vacuum cleaning system. Hardwood floors will be used throughout. There will be open fire places and brick mantels. Bath rooms will be finished in tile with composition floors. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOLS.

SAN JOSE, SANTA CLARA CO., CAL.—School, 1 story and base, reinforced concrete, \$85,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Hester School District. All bids received for the general construction and other parts of the work in connection with the construction of this building have been rejected. The total of the lowest figures received for the various departments of the work was far in excess of the amount available. Plans will be revised and new bids called for shortly.

EL MODENA, ORANGE CO., CAL.—School, 1 story and base, brick, \$25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, El Modena School District. The building will cover a ground area of 102x106 feet and will contain six class rooms besides an auditorium with a seating capacity of 350 people. Interior finish will be of pine and maple. Maple floors will be used throughout. There will be a central heating system. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PHOENIX, ARIZ.—School, 1 story and base, brick, \$35,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owner, City of Phoenix. The building will contain six class rooms, principal's room, teachers' rooms and assembly hall seating 350 people. Interior finish will be of pine throughout. There will be a central heating system and a modern system of ventilation. Program clocks and a vacuum cleaning system are also called for in the specifications. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be taken at once.

LACEY, WASH.—College building, 3 story and base, brick and steel, \$55,000. Architect, C. Frank Mahon, Savage-Seoffield Bldg., Tacoma. Owners, St. Martin's College. This building will be the first unit of a \$250,000 project which is to be erected at St. Martin's College. Interior finish will be of pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on February 23rd. Plans can be secured from the architect.

AURORA, ORE.—School, 1 story and base, brick. Cost not stated. Architect, N. C. Gannut, Chamber of Commerce Bldg., Aurora. Owners, Aurora School District. The building will contain four class rooms, assembly hall and principal's office. Interior finish will be of pine. Maple floors will be used throughout. A steam heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on February 17th. Plans can be secured from either the architect or Louis Webert, Clerk of the Board of Education.

SEATTLE, WASH.—Schools, 2, 2 story and base, reinforced concrete, \$65,000 each. Architect, Edgar Blair, Seattle. Owners, City of Seattle. Each of the buildings will contain eight class rooms and an assembly hall. Interior finish will be of pine and hardwood. Plumbing and heating are to



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be included in the general contract. One of the buildings will be erected on Concord street near 7th avenue, and the other at the corner of North 55th street and Latona avenue. Plans have been approved by the Board of Education and bids will be opened on February 20th. Plans can be secured from the architect or from Reuben W. Jones, Clerk of the Board of Education. Working drawings are being prepared for two similar buildings, which are to be erected in Seattle as soon as plans can be completed.

**SEWERS, STREET WORK AND
WATER SYSTEMS.**

MENDOCINO CO., CAL.—State highway work. Cost not stated. Engineer, State Department of Engineering, Sacramento. Owners, State of California. At the last meeting of the State Highway Commissioners held in Sacramento, it was voted to call for bids for the construction of two more strips of highway. These will be built in Mendocino County and Los Angeles, the first between Eucino and Calabasas in Los Angeles County a distance of 10.13 miles, and the other between Ukiah and Forsythe Creek in Mendocino County, a distance of 7.6 miles. All bids received for the construction of the highway between Linda and the county line in Butte County have been rejected. The Engineer's estimate for this stretch of road was \$32,632, and the lowest figure received was \$60,632. New bids will be called for shortly. A contract has been awarded to Franklin &

Beachtel for the road work between Willits and Ridgewood in Mendocino County for \$29,987.

MODESTO, STANISLAUS CO., CAL.—Irrigation work, pumping plants, etc., \$75,000. Engineer's name not given. Owner, R. F. Ball, Modesto. Mr. Ball will spend in the neighborhood of \$75,000 in the construction of pumping plants and irrigation ditches on the George Vivian Ranch. The ranch is a 1500-acre tract.

KINGSBURG, FRESNO CO., CAL.—Street paving, etc. Cost not stated. Engineer, City Engineer, Kingsburg. Owners, City of Kingsburg. The trustees have ordered the macadamizing and oiling of about three miles of streets. A contract for the work will be let in about three weeks. Full particulars can be secured from the City Clerk.

ELSINORE, RIVERSIDE CO., CAL.—Sewer system and septic tank. Cost not stated. Engineer, Frank A. Lathrop, Higgins Bldg., L. A. Owner, City of Elsinore. Plans have been approved for this work and bids will be opened by the City Trustees on February 24th. The work will comprise the following: 13,590 feet 6-inch pipe, 6,350 feet 8-inch pipe, 440 feet 10-inch pipe, 660 feet 12-inch, 880 feet 14-inch, 5,470 feet 8-inch pressure pipe, 30 flush tanks, 48 manholes, and septic tank. A check for 10% must accompany all bids. C. P. Carter is City Clerk.

SANTA MONICA, LOS ANGELES CO., CAL.—Sewer and street work. Cost not stated. Engineers, Knapp & Goodward, Consolidated Realty Bldg., L. A. Owner, King C. Gillette. This work will be done on San Vicente Bou-

ward. The following approximate quantities are to be used: 132,000 cubic yards of grading, 873,000 square feet of macadam paving, 56,600 feet of cement curbs, 297,800 square feet of concrete sidewalks, 425 feet concrete storm sewer, 1,705 lineal feet 30-inch corrugated iron sewer, 18,700 lineal feet 8-inch sewer, 19,700 feet 4-inch water mains, 19,700 feet 2-inch gas mains. Bids are to be taken at once.

ANACORTES, WASH.—Hydro-electric plant, \$6,000,000. Engineers, Stone & Webster Corp., Seattle. Owners, Stone & Webster Co. This company has recently secured the property of the Skagit Power Co., near Anacortes, and will shortly start construction work on what is to be the second largest hydro-electric generating plant in the United States.

ALBANY, ORE.—Municipal lighting plant. Cost not stated. Engineer, Lewis C. Kelsey, Portland. Owners, City of Albany. Mr. Kelsey has been working, and his preliminary sketches now retained to prepare plans for this, complete, show a steam plant supplying 600 cluster lights. A bond election will have to be held to secure funds for the construction. Mr. Kelsey has worked out the details of a plan for supplying a number of towns in the Willamette Valley with water from Clear Lake, and the plan is meeting with general approval.

PORTLAND, ORE.—Additional water mains, 2 mains, 30 inches each. Cost not stated. Engineer, City of Portland. Owners, City of Portland. Two new water mains have been ordered by the City Water Board. One will reinforce the East Side High Gravity system, and will extend from Mt. Tabor reservoirs to Fremont street, and the other will reinforce the Low Gravity system, and will extend from the reservoirs to East 25th and Clinton streets. Both mains will be 30 inches in diameter. Pipe will be ordered from the foundry at once.

STORES & OFFICE BUILDINGS.

SAN FRANCISCO.—Store and lofts, 3 story and base, brick. Cost not stated. Architects, O'Brien Bros., Clinie Bldg., S. F. Owners, Union Pacific Salt Co. This building will be erected on a lot adjoining a similar structure now about completed, designed by the same architects. The building will have a frontage of 25 feet and a depth of 87½ feet. The first floor will be fitted up for a store and the upper two floors for light lofts. The exterior will be faced with pressed brick. Interior finish will be of pine. Plans are complete and a contract for the foundation work and excavating has been let. The balance of the work is now out for figures.

OAKLAND, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Syndicate of Oakland capitalists. The names of the owners and exact location of the building cannot be given at this time. Mr. Martin states that the structure will be 60x80 feet, and that it will contain a total of 330 offices. Construction is to be fireproof throughout. Further details will be given as the plans progress.

LOS ANGELES, CAL.—Lofts, 3 story and base, brick and steel. Cost not stated. Architect, W. S. Garrett, Cur-

rier Bldg., L. A. Owner, H. O. Vogel. The building will be 61x111 feet. Interior will be finished in pine. There will be metal window frames and sash. Elevator service and steam heat will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared. The building has been leased for a long term to Sunborn, Vail & Co.

SAN DIEGO, CAL.—Stores and offices, 8 story and base. Class A construction, \$350,000. Architects, MacGibbon-Frery Co., Los Angeles. Investment Bldg., L. A. Owner, George E. Harl. The building is to be erected at the corner of 8th and D streets, and will cover an area of 50x150 feet. The first floor will be arranged for stores and the upper floors for 236 offices, especially equipped for physicians, dentists and other professional men. Construction will be of reinforced concrete throughout. Interior will be finished in metal trim and hardwoods. There will be steam heat, elevator service and all other modern improvements. The exterior of the building will be faced with white glazed terra cotta. Plans will be out for figures in a couple of weeks.

SEATTLE, WASH.—Stores and offices, 3 story and base, reinforced concrete, \$125,000. Architect, John Graham, Lyon Bldg., Seattle. Owners, Crawford & Conover. Plans have been filed with the Building Inspector and show a structure 60x108 feet. Bids have been taken and a contract will be awarded in a day or two.

SEATTLE, WASH.—Remodeling store fronts, \$60,000. Architect, Harlan Thomas, Eller Bldg., Seattle. Owners, Rhodes Co. This work has been mentioned here before. New steel ceilings will be installed and an automatic sprinkler system. Plans are complete and figures are being taken.

VANCOUVER, B. C.—Stores and offices, 15 story and base. Class A construction, \$550,000. Architects, Russell, Badcock & Rice, Metronomilton Bldg., Vancouver. Owner, Mr. Weart. Contracts for the construction of this building will not be awarded for at least another ten days. The owner is in the east and no bids will be opened until his return. Figures are all in.

VANCOUVER, WASH.—Stores, 2 buildings, 1 and 2 story, brick. Cost not stated. Architect, D. L. Williams, Portland. Owner, Eugene Blazier. One of the buildings will be 50x80 feet and two stories high, and the other one story 50x100 feet. Plans are being prepared, but figures will not be called for at least a month.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Stores and offices, 10 story and base. Class A construction, \$200,000. Architect, George William Kelham, Crocker Bldg., S. F. Owners, Fresno Estate Co. Contractors, Lindgren & Co., Macdonald Bldg., S. F. Contract price, \$200,000. Note: This contract is for only the general construction and a number of special parts of the work will be contracted for separately.

PORTLAND, ORE.—Stores and offices, 1 story and base, brick and steel, \$90,000. Architects, Barnes & Benckers, Henry Bldg., Portland. Owners, Metronomilton Bldg., Portland. Architects, J. S. Whitely & Co., Portland. Contract price, \$90,000.

VANCOUVER, B. C.—Department store, 8 story and base. Class A con-

struction, \$2,500,000. Architects, Burke, Horwood & White, Toronto. Owners, Hudson's Bay Co. Contractors, Bourke, McDonald & Moncrieff, 142 Hastings St., Vancouver. B. C. Contract price, \$2,500,000. Note: Plans for the mechanical equipment are being prepared by P. R. Moses of New York, and Tausig & Fleisch of Chicago are designing the fixtures.

THEATRES.

POMEROY, WASH.—Theatre, 2 story and base, brick and concrete, \$20,000. Architect, E. W. Houghton, Collins Bldg., Seattle. Owner, C. H. Secley. The building will contain one balcony and a large main auditorium. Construction will be practically fireproof. Interior will be finished in pine and ornamental plaster. Complete stage equipment will be ordered. There will be steam heat and a modern system of ventilation. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

SEALED PROPOSALS.

NOTICE TO BIDDERS.

Notice is hereby given by the undersigned of the Town of Larkspur, will receive up to Wednesday, February 26th, 1913, at 2 o'clock P. M., sealed bids for the construction of a Town Hall as per plans and specifications on file at the office of the Architect C. O. Clausen, Phelan Bldg., San Francisco.

All bids to be accompanied by a certified check of 5% of bid. The Board reserves the right to reject any and all bids.

E. G. VOCKE,
City Clerk of the City of Larkspur,
County of Marin.

PROPOSALS FOR BUILDING.

BRICK SCHOOL HOUSE—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Brick Schoolhouse, Cut Bank Boarding School, Blackfoot Reservation, Montana," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian office until 2 o'clock p. m. February 28, 1913, for furnishing material and labor for the erection of a brick school house at the Cut Bank Boarding School, Blackfoot Indian Reservation, Montana, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo.; the Montana Record, Helena, Mont., and at the school. For further information apply to the superintendent of the Blackfoot Indian School, Browning, Mont. F. B. ABBOETT, acting commissioner.

PROPOSALS FOR ELECTRIC EQUIPMENT.

ELECTRIC APPLIANCE—Department of the Interior, United States Reclamation Service, North Yakima, Wash.—Sealed proposals will be received at the office of the United States Reclamation Service, North Yakima, Wash., until 2 o'clock p. m. February 21, 1913, for furnishing electrical appliances for power plant for storage at Yakima project Washington. For particulars address the United States Reclamation Service, North Yakima, Washington. CHARLES H. SWIGART, supervising engineer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 755—Proposals for the Purchase of Supplies Offered for sale by the Isthmian Canal Commission, Which are no longer Needed, Such as Rock Crusher Plant and Spare Parts for Same, Steam Shovels and Parts for Same, Locomotives, Dump and Flat Cars and Parts for Same, Cranes, Spreaders and Parts for Same, Unloaders and Parts for Same, Ballast, Plovers, Rock Changers and Parts for Same, Rock Drills and Well Drill Parts, Concrete Mixer, Mixer Parts and Concrete Buckets, Boilers, Engines and Pumps, Injectors, Inspirators and Parts, Oil Cups, Lubricators and Lubricator Parts, Pop Safety Valves and Parts, Shop Tools, Machinery and Miscellaneous Equipment, Hand Tools Rubber Valves, Electric Material, Light and Heavy Hardware and Miscellaneous Supplies, Office Equipment and Stationery Supplies, Corral Supplies, Hotel and Household Supplies, Steel Culvert and Tunnel Forms and Steel Form Tower Parts, Bridge Parts and Bar Iron (French Stock), Iron and Steel (American Stock).—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., April 1, 1913**, at which time they will be opened in public, for the purchase of the above-mentioned articles. Blanks and general information relating to this circular (No. 755) may be obtained from this office or the office of the assistant purchasing agent, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR HYDRAULIC APPARATUS.

HYDRAULIC APPARATUS—Department of the Interior, United States Reclamation Service, North Yakima, Wash.—Sealed proposals will be received at the office of the supervising engineer, United States Reclamation Service, North Yakima, Wash., until **2 o'clock p. m., February 15, 1913**, for furnishing hydraulic apparatus for power plant for storage unit, Yakima project, Washington. For particulars address the United States Reclamation Service, North Yakima, Wash. CHARLES H. SWIGART, supervising engineer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 752—Proposals for materials and equipment for the Cristobal-Balboa Transmission Line, Including Steel Track-Span Bridges, Copper wire, Insulators, Ground Plates and Equipment for Substations.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., February 15, 1913**, at which time they will be opened in public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 752) may be obtained from this office or the office of the assistant purchasing agent, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR LOCOMOTIVES.

LOCOMOTIVES—Sealed proposals indorsed "Proposals for Locomotives" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m., March 1, 1913**, and then and there publicly opened, for one narrow-gauge and two standard-gauge saddle-tank switching locomotives delivered at the naval station, Pearl Harbor, Hawaii. Specifications can be obtained on application to the bureau or to the commandant of the naval station named. H. R. STANFORD, chief of bureau.

NOTICE TO CONTRACTORS.

NOTICE is hereby given that the Board of Trustees of the City of Fresno, County of Fresno, State of California, on **Monday, the 17th day of February, 1913**, during the hour beginning at **7:30 o'clock p. m.** and ending at **8:30 o'clock p. m.** of said day will be in session at the Council Chamber in the City Hall of said city, for the purpose of receiving, and will receive proposals or bids for the supplying of all labor, materials, machinery and appliances, for the erection, construction and completion of the building known as the Convention Hall or the playground pavilion in said city, excepting the roof thereof, according to and as required by the plans and specifications therefor, prepared by C. K. Kirby, Jr., architect, and adopted by the Board of Trustees of the said city, on the 26th day of December, 1912, which said plans and specifications are now on file and open to inspection in the office of the City Clerk of said city. Proposals or bids shall be made for the supplying of all labor, material, machinery and appliances for the performance and completion of all of said work specified and required in said plans and said specifications, excepting the roof thereof.

Said bids will be opened at the hour of nine (9) o'clock p. m. on said 17th day of February, 1913. Said bids must be made on blanks which may be obtained from the City Clerk, and each bid must be accompanied by a check certified by a responsible bank, payable to the order of the Mayor and City Clerk of said city for an amount not less than ten per cent of the amount of the proposal or sum bid, which check shall be forfeited to said city should such bid be accepted and the bidder fail to enter into a contract and execute the bonds hereinafter mentioned within ten days after such bid has been accepted.

The successful bidder shall within ten days, after the contract has been awarded, execute said contract with said City of Fresno, and also execute a bond to said city in a sum equal to one-fourth of the amount bid, conditioned for the faithful performance of the contract, and also execute such bonds for the payment of labor and material men as are required by law. The contract and bonds shall be in form satisfactory to the Mayor and City Attorney of said city.

The Board of Trustees reserves the right to reject any or all bids made.

Dated this 24th day of January, 1913.

W. H. RYAN,
City Clerk of Fresno.

NOTICE TO CONTRACTORS.

SEALED proposals addressed to the Board of Trustees, and endorsed "Proposals for Sheet Asphalt Pavement, Oiled Macadam Pavement, Asphalt Concrete Pavement with Oil Wearing Surface on the Following Streets or Roads: Whittier Road, Chapman Avenue, Commonwealth Avenue and Spada Road," will be received by the Board of Trustees of the City of Fullerton, California, at the City Hall, until **8:00 p. m. on February 24, 1913**, and at that time and place will be publicly opened and read.

Plans, specifications and blank forms of proposal for said work may be obtained at the office of the City Clerk, in Fullerton, California, and of C. Flske, Jr., Engineer, 2601 Leeward avenue, Los Angeles, California. All proposals must be made on said blank forms, must give the prices proposed, both in writing and figures, and must be signed by the bidder with his address. The phraseology of the proposal must not be changed and any alteration made by the bidder will make the proposal informal and liable to rejection.

Each proposal must be accompanied by a certified or cashier's check, amounting to at least five (5) per cent of the aggregate amount of the bid; payable to the order of the City Treasurer of Fullerton; such check to be returned to the bidder unless forfeited under the conditions herein stipulated.

A bond will be required for the faithful performance of the contract in a sum equal to one-fourth (1/4) of the amount of the contract. The sureties on both bonds must be approved by the Board of Trustees.

The bidder to whom the contract may be awarded will be required to appear at the office of the said Board of Trustees with the sureties offered by him and execute a contract within ten (10) days after it is awarded to him. In case a failure or neglect to do so, he may be considered as having abandoned it, and the check accompanying the proposal may, at the option of the Board of Trustees, be forfeited to the City of Fullerton.

All bids will be compared on the basis of the estimated quantities of work to be done, as shown in the specifications.

The Board of Trustees reserve the right to let a contract for any of the streets or portions thereof under one class of specification, and the balance of the streets under any of the other classes of specification.

The Board of Trustees reserves the right to reject any or all proposals.

BOARD OF TRUSTEES OF CITY OF FULLERTON.

By C. A. GILES, City Clerk.

PROPOSALS FOR STRUCTURAL STEEL.

PURSUANT to Resolution No. 4701 N. S., passed February 3, 1913, the Council of the City of Oakland will receive bids for furnishing of all the materials, labor and workmanship required in connection with the fabrication, erection and completion of all structural cast iron and steel for the Auditorium, to be erected on the grounds of Peralta Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue or the proposed extension of

said avenue, in the City of Oakland, California.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bids for the fabrication, erection and completion of all Structural Cast Iron and Steel for the Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between 11 o'clock a. m. and 12 o'clock noon, Pacific Time, on the 27th day of February, 1913, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter of the City of Oakland, and of the form which will be furnished by the City with the form of proposal.

No proposal or bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of Frank R. Thompson, City Clerk, in an amount not less than ten per centum (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of award.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

The contractor will be required to begin work within five (5) days from the execution of the contract—unless otherwise notified in writing by the owner or architect—and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawings and specifications prepared therefor to the entire satisfaction of the Commissioner of Public Works and the Council on or before the thirty-first (31st) day of July, 1913.

A bound set of the Forms of Proposal, and of the required Affidavits, Agreement, Bonds, Acknowledgments and Specifications will be furnished to contractors on demand at the office of Supervising Architect of the City of Oakland, Security Bank Building, corner 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after February 6th, 1913, within a reasonable time after application, and

upon the deposit of Twenty-five Dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant complying with the above.

Each bidder shall submit a formal bid in strict accordance and without deviation from the plans and specifications, unless such deviation shall have been previously authorized by, and written permission therefor obtained from the Supervising Architect; in case any such deviation shall be allowed as aforesaid for the submission of the bid or award of contract notice thereof will be served upon all of the bidders by the Architect.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

By order of the Council of the City of Oakland.

FRANK R. THOMPSON, City Clerk.

By E. F. Holland, Deputy.

Oakland, February 5, 1913.

PROPOSALS FOR OPERA CHAIRS.

SEALED proposals will be received for furnishing and installing 1034, more or less, Opera Chairs for the Girls' High School building in open session of the Board of Education on Wednesday, February 19th, 1913, at 2 o'clock. Proposal blanks and specifications furnished by the undersigned.

M. R. NORRIS,

Acting Secretary Board of Education.

PROPOSALS FOR BUILDING.

NOTICE is hereby given that the Board of Trustees of the Orange Union High School District, Orange County, California, will receive bids for the erection and completion of two buildings, to comprise an addition to the present High School building, and to be erected on the same site. The work to be done in accordance with plans and specifications on file at the office of the Board at the High School. Copies of said plans and specifications may be obtained from the architect, Frederick H. Eley, Santa Ana.

Separate bids will be received for each building, or for the two together; also for the heating and ventilating of both buildings; and must be accompanied by a certified check for five per cent of the amount of the bid, made payable to the order of the Board of Trustees of the Orange Union High School. All bids must be sealed and filed with the secretary of the Board at the High School building on or before Friday, February 21, at 3 p. m., at which time and place the bids will be opened in public.

The Board reserves the right to reject any and all bids.

By order of the Board of Trustees of the Orange Union High School District,
GEORGE C. WOODS, Secretary.

PROPOSALS FOR MOTOR TRACTORS.

OFFICE OF THE BOARD OF FIRE Commissioners, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners July passed January 21, 1913, sealed proposals will be received in open session of the Board on Friday, February 21, 1913, from 8:30 to 9 a. m., for the furnishing, testing and delivering one or more gasoline motor tractors for use in the San Francisco Fire Department, in strict accordance with the specifications contained in the proposal blanks prepared by the Board of Fire Commissioners, on file and copies of which may be obtained at the office of said Board, Temporary City Hall, Eighth and Market streets, San Francisco, Cal. FRANK T. KENNEDY, Secretary Board of Fire Commissioners.

PROPOSALS FOR MOTOR TRUCKS.

OFFICE OF THE BOARD OF FIRE Commissioners, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners July passed January 3, 1913, sealed proposals will be received in open session of the Board on Friday, February 21, 1913, from 8:30 to 9 o'clock a. m., for furnishing one or more motor driven hook and ladder trucks for use in the San Francisco Fire Department, in strict accordance with the specifications and conditions contained in the proposal blanks prepared by the Board of Fire Commissioners on file at the office of the Board, copies of which may be obtained at the office of the Board in the New City Hall, Room No. 240. FRANK T. KENNEDY, Secretary Board of Fire Commissioners.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the office of the Director of Works, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M. Tuesday, February 18, 1913. For the construction of a Conduit System for Concessions, Stages and Foreign Sites in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 617 Exposition Bldg., by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROOKER,
Chairman. (P)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, in Room 415 Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M., Tuesday, March 11, 1913.

For the Installation of Plumbing, Sewers and Water Pipe of the Education Building in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surplus thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, in Room 415 Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M., Tuesday, March 11, 1913.

For the Construction of the Education Building in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surplus thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$25.00, which will be refunded upon the return of the plans specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, in Room 415 of the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 o'clock A. M., Tuesday, February 25, 1913.

For the Furnishing of Loom for the Exposition Gardens in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon

the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surplus thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—6 or 9 story and base. Class A construction, \$250,000 to \$300,000. San Francisco. Architect not selected. Owners, Tiley L. Ford and associates. Following the announcement of the sale of the southwest corner of California and Jones streets, 1034 1/2 x 137 1/2 feet, comes the statement that the new owners, Tiley L. Ford and associates, will build a six or nine story Class A apartment house costing in the neighborhood of \$250,000 or \$300,000 on the property. The sale was made through the real estate offices of Trevor & Co. The new owners are considering preliminary sketches by two different architects, and a selection will not be made before the first of March.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg. S. F. Owner, Frank Hunter. Plans are complete for a building containing in the neighborhood of 25 suites of two and three rooms each. There will be wall beds and private baths. Interior finish will be of pine and redwood with some oak veneer. Steam heat will be installed. The exterior of the building will be covered with brick veneer and cement plaster. Bath rooms will be finished in tile and will have cement floors. Bids are now being taken on this work.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, C. M. Cook, Rialto Bldg. S. F. Owner's name withheld. The building will be erected on Broderick street, and is designed to contain 21 suites of the two and three room type. All apartments will have wall beds and private bath rooms. Interior finish will be of pine and redwood with some oak veneer in the lobby. Plans include steam heat and hot and cold running water. Bath rooms will have cement floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, Paul de Martin, 421 8th Ave., S. F. Owner, Paul de Martin.

The building will cover an area of 40x60 feet, and is to contain ten small suites with baths and wall beds. Interior trim will be of pine and redwood throughout. Hot water will be supplied to all rooms. The exterior of the building will be covered with shiplap and rustic. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—5 story and base, brick and steel, \$150,000. San Francisco. Architect, Creighton Withers, S. W. California and Powell Sts., S. F. Owner, L. H. Sly, Mr. Sly, one of the largest operators in apartment house structures in the west, has recently purchased the southwest corner of Post and Leavenworth streets and has instructed his architect to prepare plans for a modern apartment house structure covering the entire lot, which has a frontage of 137 1/2 feet on Leavenworth street and 127 feet on Post. The building will contain in the neighborhood of 300 guest rooms, which will be arranged in two and three room suites with baths. Interior finish will be of pine, redwood and oak with ornamental plaster in the lobby, parlors and reception rooms. Plans provide for steam heat, elevator service and a hot water plant. Vacuum cleaning will also be installed. The exterior of the building will be faced with cement plaster on brick. Plans are complete and the work will be carried on under the personal direction of Mr. Sly who is now purchasing all materials.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architects, Fabre & Bearwald, Western Metropolis Bank Bldg., S. F. Owner's name withheld. The building is to be one of the first modern apartment houses erected south of Market street. The interior has been arranged to contain 24 suites of two and three rooms each with bath and wall beds. Interior finish will be of pine and hardwoods. There will be steam heat and a vacuum cleaning system. Bath rooms will be finished in tile. An attractive entrance and lobby will be one of the features of the building. The exterior will be covered with pressed brick veneer and shiplap. Plans

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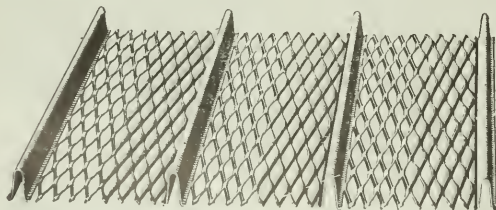
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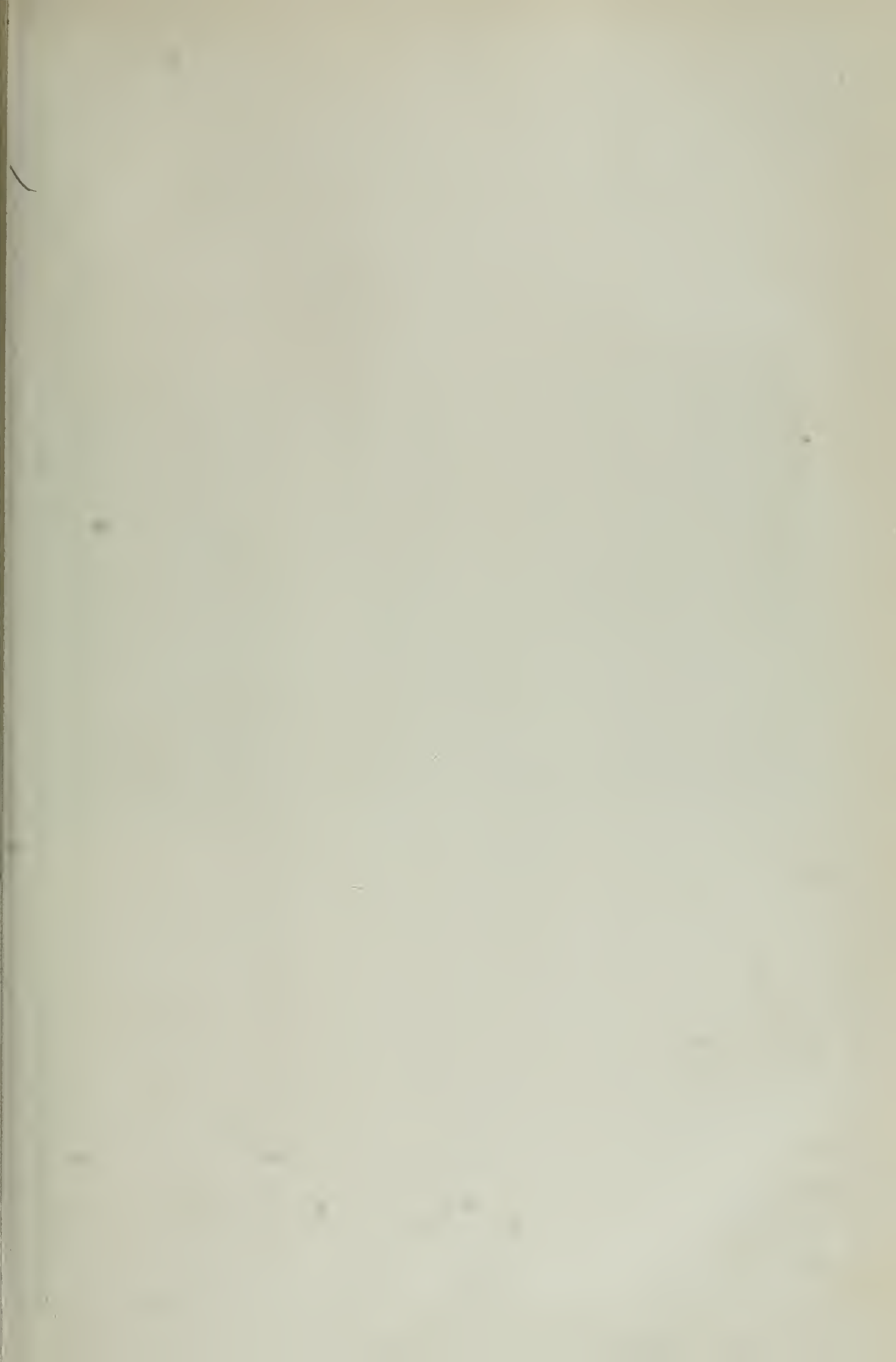


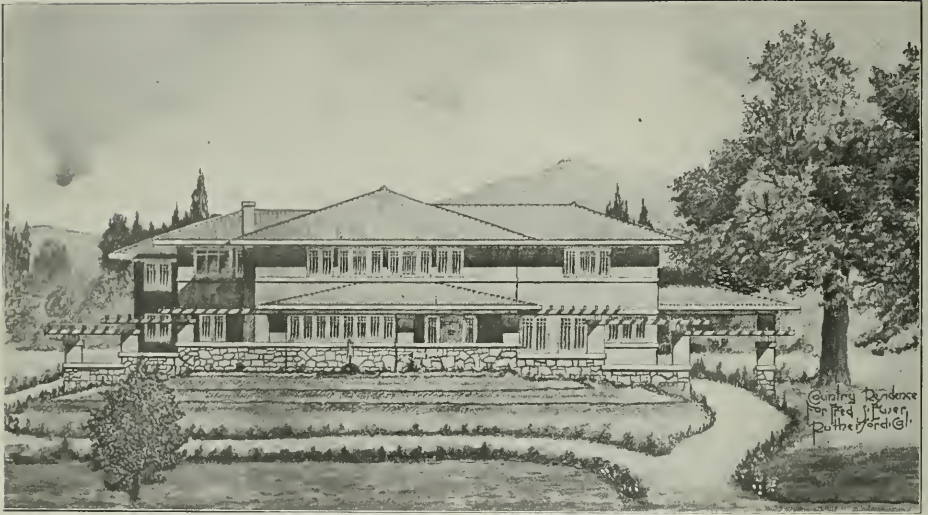
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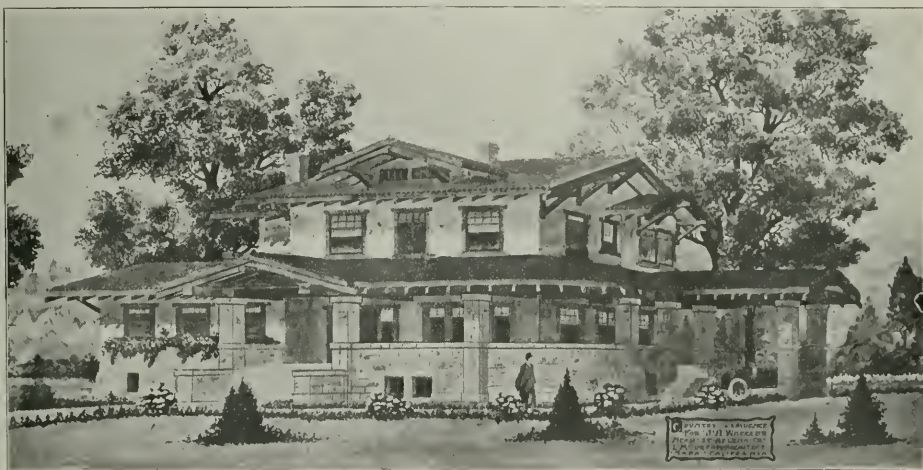


COUNTRY RESIDENCE FOR FRED S. EWER
Near St. Helena, Napa Co., Cal.

L. M. Turton, Architect
Napa

Building and Industrial News
February 11, 1913

PLATE A



COUNTRY RESIDENCE FOR J. H. WHEELER
Near St. Helena, Napa Co., Cal.

L. M. Turton, Architect
Napa

complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, Milton Lichtenstein, 111 Ellis St., S. F. Owner's name withheld. The building will be erected at the corner of Jackson and Locust streets, and is to contain 24 apartments of two and three rooms each with wall beds and private baths. Interior finish will be of pine, redwood and oak. The bath rooms will be unscoted with tile. Steam heat and hot and cold running water will be installed. The exterior of the building will be covered with cement plaster and brick veneer. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Owners, Bay Cities Building Co., Merchants' Exchange Bldg., S. F. The dwelling has been designed for a five-room house with bath. Interior finish will be of pine and redwood throughout. A large brick mantel and open fire place will be used in the living room. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with rustic. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, Fernando Melson, 30 Presidio Terrace, S. F. Mr. Melson is probably the best known home builder in San Francisco. His operations are still confined to the Richmond District, and these two dwellings will be constructed on 10th Avenue near C street. Each will contain six rooms and bath. Interior finish will be of pine and redwood. Some oak floors will be used. There will be brick and tile mantels and open fire places. Tile will be used in the bath rooms and kitchens. The exteriors of the houses will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

RESIDENCES—4, 2 story and base, frame, \$2,500 each. San Francisco. Architect, J. M. Geary, 52 Walter St., S. F. Owner, J. H. Krause, 23rd and Folsom Sts., S. F. These houses will be erected in what is known as College Terrace, near Mission street, and each will be arranged for six rooms and bath. All interior finish will be of pine and redwood. There will be open fire places and tile mantels. Some oak flooring will be used. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic, shiplap and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PIER CONSTRUCTION—Reinforced concrete. \$500,000. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. At a meeting of the State Board of Harbor Commissioners held Thursday morning, the time for opening bids for the construction of Pier No. 39 was extended until next Tuesday at 11 o'clock. Such action was made necessary owing to the fact that a bid was received from the Thomson Bridge Co., who are now asking to be released from their bid for the construction of Pier No. 37. Pending an expression of opinion from their at-

torney, the State Board refused to consider bids for new work on which the Thomson Bridge Co. submitted a figure.

CHAPEL—Frame construction, \$12,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. This building will be erected on the Relief Home Tract and will have a seating capacity of about 320 people. The interior will be finished in pine and redwood. Design is in the Mission style. The exterior will be covered with cement plaster on metal lath. Plans are nearly complete and bids will be called for shortly by the Board of Public Works.

RESIDENCES—2, 2 story and base, frame, \$2,200 each. San Francisco. Architect, none. Owners, Bay Counties Home Bldg., Co., Merchants' Exchange Bldg., S. F. These houses will be erected on Diamond street near 21st. Each house will contain five or six rooms and bath. Interior finish will be of pine and redwood. Some hardwood floors will be used. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

WAREHOUSE—3 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Warehouse and Investment Co. This building is to be erected on King street, east of Third, and will cover an area of 120x130 feet. The entire building has been leased to a large importing firm. Construction will be fireproof throughout with concrete floors and roof slabs. There will be fireproof doors and metal window sash and frames. Freight elevators will be installed. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

WAREHOUSE AND FACTORY—4 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, George William Kelham, Crocker Bldg., S. F. Owners, Gantner & Mattern Co. It has been stated on excellent authority that Lindgren & Co. will be given the contract for the construction of this building, which is to be erected on Mission street near 10th.

FLATS—4, 2 story and base, frame, \$1,500 each. San Francisco. Architect, none. Owner, A. B. Hallett, 1259 12th Ave., S. F. These buildings will all be erected on the west side of 7th Avenue, near I street. Each building will contain two modern flats of five and six rooms each. Interior trim will be of pine and redwood with some hardwood floors. Gas grates and open fire places will be used. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, Theo. Lenzen, Humboldt Bank Bldg., S. F. Owner, D. M. Shafer. The building will be erected on Filbert street and is to have a frontage of 25 feet and a depth of 48 feet. The building will contain two modern flats of five and

six rooms each with bath. Interior finish will be of pine and redwood with some oak floors. Elm panels will be used in the dining and living rooms. Open fire places and tile or brick mantels will be a feature of the house. Tile will be used in the baths and kitchens. The exterior will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SEA WALL CONSTRUCTION—Reinforced concrete. Cost not stated. Fort Mason, Cal. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Plans are nearly ready for figures for a piece of reinforced concrete sea wall which is to be erected at Fort Mason. The sea wall will be 100 feet long and 14 feet high. Bids will be taken through the Constructing Quartermaster's office at Fort Mason.

HOSPITAL ADDITION—1 story reinforced concrete, \$18,000. Presidio of San Francisco. Architect, Constructing Quartermaster, Fort Mason. Owner, United States Government. Plans are nearly complete for a one-story reinforced concrete building 73x118 feet, which will be erected adjoining the Letterman General Hospital at the Presidio. The building is to be designed for a sterilizing department. Floor will be of concrete. Roof will be of tile. The exterior of the building will be faced with cement plaster. Interior finish will be of pine, tile and hardwood. A separate contract will be let for the special equipment. Plans will be out for figures in a few days.

HOTEL—3 story and base, brick, \$16,500. San Francisco. Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owner, Clara Bibbero. The building will be erected on Howard street west of 3rd street, and will cover an area of 40x76½ feet. There will be stores and the hotel entrance on the first floor. Upper floors will be divided into a number of modern hotel rooms with hot and cold running water. Steam heat will be installed. The exterior of the building will be faced with pressed brick. A contract has been let for the excavating and concrete work. Other parts of the work are out for figures.

HOTEL—5 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner's name withheld. The building will be erected in the down town hotel district and will be designed for a modern commercial hotel. Preliminary sketches are all that have so far been prepared and details of construction cannot be given at this time. Full particulars will be published next week.

STORE AND LOFTS—3 story and base, brick. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Union Pacific Salt Co. This building will be erected on a lot adjoining a similar structure now about completed, designed by the same architects. The building will have a frontage of 25 feet and a depth of 87½ feet. The first floor will be fitted up for a store and the upper two floors for light lots. The exterior will be faced with pressed brick. Interior finish will be of pine. Plans are complete and a contract for the foundation work and excavating has been let. The balance

of the work is now out for figures.
BRIDGES—A reinforced concrete, \$20,000 Yosemite, Cal. Engineer, Department of Interior, Washington, D. C. Owners, United States Government. Oscar Parthier, of Tulare, was low bidder at \$27,498 for the construction of four reinforced concrete bridges in Yosemite National Park. Other bidders were Gildersleeve Construction Co., Napa, \$33,775; M. P. Youker, San Francisco, \$35,964; W. N. Connenno Co., San Francisco, \$37,700; Elmer J. Chute, Oakland, \$37,788; Munoz & Munoz, Los Angeles, \$38,333; Midland Bridge Co., Los Angeles, \$40,124. State Construction Co., San Francisco, \$41,361; Wm. Bruce, San Francisco, \$49,000; Southwestern Construction Co., Los Angeles, \$49,750; Fisher Engineering Co., Portland, \$51,313; T. K. Beard, Modesto, \$53,890; Westlake Construction Co., Los Angeles, \$61,600. The bids will be forwarded to the Secretary of the Interior at Washington, D. C., for segregation and approval.

Contracts Awarded.

REPAIRS TO TRAPDOCK DOCKS.
 ETC.—\$6,000. Fort Mason, Cal. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. Contractors, Healy-Tibbits Construction Co., S. F. Contract price, \$6,771.

Lloyd S. Ackerman

Attorney-At-Law

Rooms 414-418 Nevada Bank Bldg.
 14 Montgomery St., S. F.

Building Contracts Awarded.

San Francisco.

335	Demartini	Demartini	10000
336	Siller	Siller	400
337	Hodgkins	Gordan	1000
338	Righetti	Medus	700
339	McKevitt	McKevitt	1000
340	Nelson	Nelson	2500
341	Nelson	Nelson	2500
342	Kruse	Kruse	2500
343	Kruse	Kruse	2500
344	Kruse	Kruse	2500
345	Kruse	Kruse	2500
346	Martin	Kempton	1200
347	Levis	Smith	1500
348	Heinz	Baird	3000
349	Pay	Pay	4500
350	Bonnheim	Bovyer	3135
351	Metro Invest	Kincannon	10000
352	Cassassa	Smith	5000
353	Dorn	Dorn	18000
354	Lahti	Perron	1600
355	Comm'l Iron	Owner	2000
356	Rubland	Hantzche	2800
357	Same	Same	2900
358	McCormack	King	2300
359	Wood	Jones	20000
360	Cosulich	Cosulich	400
361	Haglestine	Haglestine	400
362	Market St. Co.	Green	1000
363	Strange	Mowat	600
364	Sly	Sly	150000
365	Duggan	Wm Bldg	19000
366	Ralston	Ralston	10250
367	Depauli	Depauli	6500
368	Corradini	Bonaccorso	1800
369	Masonry	Mahony	400
370	Lister	Lindgren	28000
371	Lawson	Tejor	40000
372	Hearst	Schmidt	4000

373	Bauer	Bauer	5000
374	Catto Archb	McLaughlin	20000
375	Levy	Anderson	1165
376	LeFranc	Owsley	13330
377	Winterburn	Cont'l Pflg	32000
378	Labat	Metter	500
379	Standard Oil	Wm Pn	450
380	Zastro	Gilberger	400
381	Stanford Hotel	Novelty	500
382	Grahn	Grahn	1400
383	George	Petersen	7905
384	Willson	Coburn	11204
385	Same	Petersen	19095
386	Same	Macdonald	10183
387	Milwaukee Bldg	Ferry	800
388	Boys Club	Olson	600
389	Gross	Lee	500
390	Staretto	Carnigiani	800
391	Christofsen	Newton	500
392	Hallett	Hallett	4500
393	Same	Same	4500
394	Same	Same	4500
395	Same	Owner	2150
396	Bay Cities Bldg	Owner	2150
397	P P I Exp	McPhee	12800
398	Same	Sunset	28350
399	Same	Murphy	1200
400	Conlan	Leigh	1371
401	Keyes	Merley	1732
402	Same	Petersen	2894
403	Same	Brockage	17000
404	Same	Kishel	1250
405	Shreve	Fur	3871
406	Same	Paraffine	1040
407	Merereau	MacArthur	25000
408	Shaffer	Shaffer	7000
409	Heden	Heden	800
410	Heden	Hinson	400
411	McCarthy	Owner	500
412	Westphal	Owner	500
413	Ricetti	Ricetti	1000
414	Atkins	Atkins	1000
415	Salv. Army	Billar	400
416	Pacific Gas	Thomson	17125
417	Sartorio	Pera	4500
418	Bonbero	Camp	2196
419	Hall	Henderson	10850
420	Un Pac Salt	Spargo	2060
421	Stromswald	Owner	1450
422	Same	Same	1450
423	Bay Cities Bldg	Owner	2200
424	Bay Cities Bldg	Owner	2200
425	Katz	Katz	3000
426	Montrouil	Montrouil	1000
427	Wyman	Wyman	9000
428	Fisher	Fisher	350
429	Spaar	Johansen	2725

(335) S VALLEJO S 51-6 W Kearny.
 Three-story frame (12) tenements.
 Owner.....Paul Demartini, 421 8th Ave., San Francisco.
 Day's work. COST, \$10,000

(336) NO. 501 PINE, New front.
 Owner.....Siller Bros., 929 Pine, San Francisco.
 Architect...None.
 Day's work. COST, \$400

(337) NOS. 905-913 RAILROAD AVE.
 Repair roof, new plumbing and underpin dwelling.
 Owner.....C. M. Hodgkine, 861 60th, Oakland.
 Architect...None.
 Contractor...G. A. Gordan, 425 Hudson, Oakland.
 COST, \$1000

(338) E HILLMAN 117 N Pacific. Repair dwelling.
 Owner.....Frank Righette, 35 Salmon, San Francisco.
 Architect...None.
 Contractor...L. Medus Sons, 62 Salmon, San Francisco.
 COST, \$700

(339) S LOMBARD 137-6 E Powell.
 Three-story and basement frame flats.
 Owner.....W. McKevitt, 565 Lombard, San Francisco.
 Architect...D. Cunie, 1213 3rd Ave., San Francisco.
 Day's work. COST, \$1000

(340) W SIXTEENTH AVE 250 S Clement.
 Two-story and basement frame residence.

Owner.....Fernando Nelson, 30 Presidio Terrace, S. F.
 Architect...None.
 Day's work. COST, \$2500

(341) W TENTH AVE 205 S Cabrillo.
 Two-story and basement frame residence.
 Owner.....Fernando Nelson, 30 Presidio Terrace, S. F.
 Architect...None.
 Day's work. COST, \$2500

(342) S COLLEGE TERRACE 125 N Mission.
 Two-story and basement frame residence.
 Owner.....J. H. Kruse, 23rd and Folsom, San Francisco.
 Architect...J. M. Geary, 52 Walter, San Francisco.
 Day's work. COST, \$2500

(343) S COLLEGE TERRACE 175 W Mission.
 Two-story and basement frame residence.
 Owner.....J. H. Kruse, 23rd and Folsom, San Francisco.
 Architect...J. M. Geary, 52 Walter, San Francisco.
 Day's work. COST, \$2500

(344) S COLLEGE TERRACE 150 W Mission.
 Two-story and basement frame residence.
 Owner.....J. H. Kruse, 23rd and Folsom, San Francisco.
 Architect...J. M. Geary, 52 Walter, San Francisco.
 Day's work. COST, \$2500

(345) S COLLEGE TERRACE 100 W Mission.
 Two-story and basement frame residence.
 Owner.....J. H. Kruse, 23rd and Folsom, San Francisco.
 Architect...J. M. Geary, 52 Walter, San Francisco.
 Day's work. COST, \$2500

(346) E SEVENTH AVE 75 N "B".
 Known as No. 590 7th Ave. Alterations and additions to one-story frame building into two-story (store and flat).
 Owner.....C. C. Martin, Glenwood, California.
 Architect...Plans by Contractor,
 Contractor...M. P. Kempton, 284 Douglas, San Francisco.

Filed Feb. 3, '13. Dated Jan. 17, '13.
 Building raised, foundation in and floor joists on.....\$300
 Building closed in.....300
 Rough plaster on.....300
 Usual 35 days.....300
 TOTAL COST, \$1200
 Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(347) W NINETEENTH AVE 150 N Lake N 25xW 120 O L 53. All work except furnace for heating for two-story and basement frame residence.
 Owner.....Ida E. Lewis, 1423 Clement, San Francisco.

Architect...C. Smith.
 Contractor...C. Smith, Sausalito, Cal.
 Filed Feb. 3, '13. Dated Jan. 29, '13.
 Frame up.....\$1375
 Brown coated.....1375
 Finished and accepted.....1375
 Usual 35 days.....1375
 TOTAL COST, \$5500
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(348) W GUERRERO 50 S Dorland S 25xW 125. All work for three-story and basement frame flats.

- Owner.....Maria Heinz, 273 Bartlett, San Francisco.
 Architect...Plans by Owner.
 Contractor...Baird Bros., Redwood City
 Filed Feb. 3, '13. Dated Feb. 3, '13.
 Frame up\$2000
 Roof on and 1st coat plaster on 2000
 Completed and accepted.....2000
 Usual 35 days.....2000
 TOTAL COST, \$8000
- nd, \$4000. Surety, Fidelity & Guar-
 anty Co. of Maryland. Limit, 100 days.
 Profit, \$3. Plans and specifications
 ed.
- (49) W TWENTY-FIRST AVE 250 N
 Clement. Two-story and basement
 frame flats.
 Owner.....M. W. Fay, 278 7th Ave.,
 San Francisco.
 Architect...Welsh & Carey, Merchants
 National Bank Bldg., S. F.
 Day's work. COST, \$4500
- (50) NO. 2105 DEVISADERO. Repair
 fire damage and new roof.
 Owner....E. Bonnhelm, 2204 Devisa-
 dero, San Francisco.
 Architect...None.
 Contractor...Boyver & Sons, 2407 Call-
 fornia, San Francisco.
 COST, \$3163
- (51) S WASHINGTON 175 W Taylor.
 Three-story and basement frame flats
 Owner.....Metropolis Investment Co.,
 353 Bush, San Francisco.
 Architect...J. G. Kincannon, 1179
 Hayes, San Francisco.
 Day's work. COST, \$10,000
- (52) N FILBERT 130 E Jones. Three
 story and basement frame flats.
 Owner.....Mrs. M. Casassa, 453 Green
 San Francisco.
 Architect...None.
 Contractor...A. Sarraile, 2115 Powell,
 San Francisco.
 COST, \$5000
- (53) SE DAVIS & WASHINGTON.
 One-story and basement brick market
 Owner....N. A. Dorn, Phelan Bldg.,
 San Francisco.
 Architect...None.
 Day's work. COST, \$18,000
- (54) S SERRIE 200 E Diamond. One
 story and basement frame dwelling.
 Owner.....K. Lahti, 1727 Fulton, S. F.
 Architect...None.
 Contractor...Wm. Perron, 4356 23rd,
 San Francisco.
 COST, \$1600
- (55) NOS. 481-497 FIFTH. Enlarge
 doors and windows, lay concrete and
 asphaltum floor, construct offices and
 other interior alterations.
 Owner.....Commercial Iron Works,
 Premises.
 Architect...None.
 Day's work. COST, \$2000
- (56) W THIRTY-SECOND AVE 175
 N Geary. Two-story and basement
 frame dwelling.
 Owner.....Emil Ruhland, 3102 Cle-
 ment, San Francisco.
 Architect...None.
 Contractor...Hantzsche & McKay, 528
 31st Ave., San Francisco.
 COST, \$2800
- (57) W THIRTY-SECOND AVE 200
 N Geary. Two-story and basement
 frame residence.
- Owner.....William Ruhland, 115 2nd
 Ave., San Francisco.
 Architect...None.
 Contractor...Hantzsche & McKay, 528
 31st Ave., San Francisco.
 COST, \$2900
- (58) N SUTTER 175 W Fillmore.
 Erect marquise, add 1 room, remove
 portion of gallery and build new en-
 trance.
 Owner.....J. E. MacCormack, 2034
 Sutter, San Francisco.
 Architect...A. D. Nicholson, 20 Mont-
 omercy, San Francisco.
 Contractor...Chas. King, 34 Ellis, S. F.
 COST, \$2300
- (59) SW FOURTH AND MARKET.
 Wrecking front section of mezzanine
 floor, installing arcade show windows,
 skylights and close stairs.
 Owner.....S. N. Wood & Co., Premises
 Architect...F. H. Meyer, Bankers' In-
 vestment Bldg., S. F.
 Contractor...Jones-Sampson Co.
 COST, \$20,000
- (60) NO. 110 COLUMBUS AVE. Add
 to printing shop.
 Owner.....M. M. Cosulich, Premises.
 Architect...M. Mattonovich, Hewes
 Bldg., San Francisco.
 Day's work. COST, \$400
- (61) NO. 14 FORD. New foundation
 and floor and add to dwelling.
 Owner.....F. Haglestone, Premises.
 Architect...None.
 Day's work. COST, \$900
- (62) SE FOURTH AND MARKET.
 Three metal signs.
 Owner.....The Market Street Co., 310
 Sansome, San Francisco.
 Architect...None.
 Contractor...J. Chas. Green, 275 Valen-
 cia, San Francisco.
 COST, \$1000
- (63) NO. 1872 UNION. Remove par-
 titition and alter front.
 Owner.....Ada R. Strange, Premises.
 Architect...Kidd & Anderson, 251
 Kearny, San Francisco.
 Contractor...T. Mowat, 2135 Market,
 San Francisco.
 COST, \$600
- (64) SW LEAVENWORTH & POST.
 Four-story and basement brick
 apartment house.
 Owner.....L. H. Sly, 519 1st National
 Bank Bldg., San Francisco.
 Architect...Creighton Withers, 519 1st
 National Bank Bldg., S. F.
 Day's work. COST, \$150,000
- (65) W EMBARCADERO 45-10 S
 Mission. One-story and basement
 concrete stores.
 Owner.....Jas. B. Duggan and W. J.
 Yore, 32 Montgomery, S. F.
 Architect...None.
 Contractor...Western Bldg. & Constr.
 Co., 37 Belvedere, S. F.
 COST, \$19,000
- (66) NE JORDAN AVE AND GEARY.
 Two-story and basement frame flats.
 Owner.....Anna S. Ralston, 132 Com-
 monwealth Ave., S. F.
 Architect...None.
 Contractor...F. F. Ralston, 132 Com-
 monwealth Ave., S. F.
 COST, \$10,250
- (67) S TEHAMA 150 W Fifth. Three-
 story and basement frame rooming
 house.
 Owner.....G. Depauli, 57 Pierce, S. F.
 Architect...None.
 Day's work. COST, \$4500
- (68) W TEXAS 160 N 18th. One and
 one-half-story and basement frame
 dwelling.
 Owner.....Thos. Corridan, 1104 Ten-
 nessee, San Francisco.
 Architect...None.
 Contractor...Frank Bonaccorso, 376
 Moultrie, San Francisco.
 COST, \$1800
- (69) S BUSH 52-6 W Powell. Remove
 partition.
 Owner.....John J. Mahony, Crocker
 Bldg., San Francisco.
 Architect...None.
 Day's work. COST, \$400
- (70) S MARKET 250 W Sixth. Two-
 story and basement Class "C" stores
 and lofts.
 Owner.....William & Matthew Lister,
 San Jose, California.
 Architect...W. H. Weeks, 75 Post,
 San Francisco.
 Contractor...Lindgren Co., Monadnock
 Bldg., San Francisco.
 COST, \$28,000
- NOTE:—Steel ls up.
- (71) NW ARGUELLO BLVD AND
 Presidio. Two-story and basement
 frame dwelling.
 Owner.....John Lawson, 17 Arguello
 Blvd., San Francisco.
 Architect...Geo. Kelham, Crocker Bldg
 San Francisco.
 Contractor...Taylor & Goerick, Postal
 Telegraph Bldg., S. F.
 COST, \$40,000
- NOTE:—Roof rafters are on.
- (72) NO. 560 UNION. One-story and
 basement frame school.
 Owner.....Mrs. Phoebe Hearst,
 Pleasanton, Cal.
 Architect...W. C. Hayes, 68 Post, S. F.
 Contractor...Peter M. Schmidt, 1011
 Franklin, Oakland.
 COST, \$4000
- NOTE:—Job is started.
- (73) S FOLSON 100 W Fifth. Sink
 shaft and fill same with concrete.
 Owner.....J. Bauer, Care Architect.
 Architect...Alfred H. Jacobs, 110 Sut-
 ter, San Francisco.
 Day's work. COST, \$5000
- (74) SW ELLIS AND FRANKLIN.
 Alterations to partitions and alter
 building into residence.
 Owner.....Roman Catholic Arch-
 bishop, 1100 Franklin, S. F.
 Architect...Shea & Lofquist, 550 Mont-
 gomery, San Francisco.
 Contractor...James McLaughlin, 244
 Kearny, San Francisco.
 COST, \$20,000
- (75) NW ATHENS 250 NE Italy Ave
 NE 37-6xNW 100 Ptn Lots 6 and 7 Blk
 61, Excelsior Hd. All work for four-
 room frame cottage.
 Owner.....Louis Levy, 299 Monadnock
 Bldg., San Francisco.
 Architect...None.
 Contractor...J. M. Andersen, 1362 Do-
 lores, San Francisco.
 Filed Feb. 4, '13. Dated Feb. 3, '13.
 Frame up 14
 Brown coated and roof on..... 14
 Completed and accepted..... 14

Used 35 days
 TOTAL COST, \$1165
 Bond, \$500. Surety, G. L. Wayne.
 Limit, 60 days. Forfeit, none. Plans
 and specifications filed.

(375) NW FRONT AND MERCHANT.
 All work except electric lights and
 fixtures for one-story reinforced con-
 crete building with basement and
 sidewalks.

Owner.....Nelly D. Lefranc, minor,
 by Chas. H. Delmas, Gdn.
 Architect.....L. T. Lenzen, 110 S-Second
 San Jose.

Contractor.....B. T. Owsley, Phelan Bldg.
 San Francisco.

Filed Feb. 4, '13. Dated Feb. 1, '13.
 Basement floor completed (ex-
 cept top finish) and foundation
 on to top of floor.....\$3327
 Concrete work ready for roof
 trusses.....3334
 Completed and accepted.....3334
 Usual 35 days.....3335

TOTAL COST, \$13,830

Bond, \$6665. Surety, Massachusetts
 Bonding & Insurance Co. Limit, 79
 days. Forfeit, \$10. Plans and speci-
 fications filed.

(377) NW TAYLOR & COSMO PLACE.
 Six-story and basement reinforced
 concrete rooming house.

Owner.....Mrs. Geo. Winterburn, 2123
 Pine, San Francisco.

Architect.....William Beasley, Wilson
 Bldg., San Francisco.

Contractor.....Continental Construction
 Co., Balboa Bldg., S. F.
 COST, \$32,000

NOTE:—Concrete work completed as
 far as third floor.

(378) NO. 1055 VALENCIA (rear).
 One-story frame wash room.

Owner.....Jean Labat, Premises.
 Architect.....Oliver Everett, 1940 Web-
 ster, San Francisco.

Contractor.....L. Metter, 157 Albion Ave.,
 San Francisco.
 COST, \$500

(379) FOOT OF MASON STREET. Re-
 cover steel tank.

Owner.....Standard Oil Co.
 Architect.....None.

Contractor.....Western Pipe & Steel Co.,
 444 Market, San Francisco.
 COST, \$450

(380) SW BAKER & LOMBARD. New
 front.

Owner.....Max Zastro, Premises.
 Architect.....None.

Contractor.....M. Gilberger, 745 5th Ave.,
 San Francisco.
 COST, \$400

(381) NO. 250 KEARNY. Electric sign

Owner.....Hotel Stanford Co., Prem.
 Architect.....None.

Contractor.....Novelty Elec. Sign Co., 165
 Eddy, San Francisco.
 COST, \$500

(382) W BRYANT 188 S 26th. One-
 story and basement frame dwelling.

Owner.....Wm. H. Grahn, 3008 Har-
 rison, San Francisco.

Architect.....None.
 Day's work.....COST, \$1400

(383) W GUERRERO 183 N 22nd. All
 work for two-story and attic frame
 residence.

Owner.....W. H. George.
 Architect.....Plans by Contractor.

Contractor.....A. Petersen, 2722 San
 Bruno Ave., San Francisco.

Filed Feb. 5, '13. Dated Feb. 5, '13.

Frame up.....\$1581
 Brown coated.....1581
 Standing finish on.....1581
 Completed and accepted.....1581
 Usual 35 days.....1581

TOTAL COST, \$7905

Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

(384) NE ELWOOD AND MASON N
 32-6 E 137-6 S 51-44 W 60 N 18-104

W 77-6. Carpentry work (a ptn of
 said work having been done by Rick-
 on Ehrhart Eng. & Constr Co.) for
 reinforced concrete store and hotel
 building.

Owner.....Frederick A. and Albert J.
 Wilson, Extrs. Estate Wm.
 F. Wilson, decd.

Architect.....Macdonald & Applegarth,
 Call Bldg., S. F.

Contractor.....Ira W. Coburn Inc., Hearst
 Bldg., San Francisco.

Filed Feb. 5, '13. Dated Feb. 3, '13.

1-st of each month.....75%
 Usual 35 days.....25%

TOTAL COST, \$11,204

Bond, \$5602. Surety, United States Fi-
 delity & Guaranty Co. Limit, 90 days.
 Forfeit, \$10. Plans and specifications
 filed.

(385) CONCRETE WORK (a ptn of
 said work having been heretofore
 done) on above.

Contractor.....H. L. Petersen, 62 Post,
 San Francisco.

Filed Feb. 5, '13. Dated Feb. 3, '13.

Payments same as above.....

TOTAL COST, \$19,095

Bond, \$10,000. Surety, Aetna Accident
 & Liability Co. Limit, 90 days. Forfeit,
 \$10. Plans and specifications filed.

(386) FURNISHING AND PLACING OF
 reinforcing steel, metal forms, by-rib
 lath, metal sash and frames on above

Contractor.....Macdonald & Kahn, Rialto
 Bldg., San Francisco.

Filed Feb. 5, '13. Dated Feb. 4, '13.

Payments same as above.....

TOTAL COST, \$10,183

Bond, \$5091. Surety, Massachusetts
 Bonding & Insurance Co. Limit, with-
 out delay. Forfeit, \$10. Plans and
 specifications filed.

(387) NO. 463 TENTH. New floors in
 different departments.

Owner.....Milwaukee Brewery of S.
 F. Premises.

Architect.....None.
 Contractor.....H. M. Parry & Co., 145
 Montgomery, S. F.

COST, \$800

(388) SW GALVEZ AND KEITH. One-
 story frame club room.

Owner.....Boy's Club, Premises.
 Architect.....None.

Contractor.....Chas. H. Olson, 1237 Evans
 Ave., San Francisco.

Cost, \$600

(389) SW O'FARRELL & STOCKTON.
 Cut opening in brick wall.

Owner.....Dane Gross, Premises.
 Architect.....None.

Contractor.....C. M. Lee, 787 Folsom,
 San Francisco.

COST, \$500

(390) SW WEBSTER AND LOMBARD
 Add to flats.

Owner.....A. Staretti, 1864 Lombard,
 San Francisco.

Architect.....Paul De Martini, 451 Col-
 umbus Ave., San Francisco.

Contractor.....P. Carnignani, 1870 Lom-
 bard, San Francisco.

COST, \$800

(391) BEACH STREET (foot). One-
 story frame shed.

Owner.....Christofsen Monoplane Co.
 Architect.....None.

Contractor.....John Newton, 165 Frank-
 lin, San Francisco.

COST, \$500

(392) W SEVENTH AVE 250 N Irving.
 Two-story and basement frame flats.

Owner.....A. B. Hallett, 1259 12th
 Ave., San Francisco.

Architect.....None.
 Day's work.....COST, \$1500

(393) W SEVENTH AVE 225 N Irving.
 Two-story and basement frame flats.

Owner.....A. B. Hallett, 1259 12th
 Ave., San Francisco.

Architect.....None.
 Day's work.....COST, \$4500

(394) W SEVENTH AVE 200 N Irving.
 Two-story and basement frame flats.

Owner.....A. B. Hallett, 1259 12th
 Ave., San Francisco.

Architect.....None.
 Day's work.....COST, \$4500

(395) W SEVENTH AVE 175 N Irving.
 Two-story and basement frame flats.

Owner.....A. B. Hallett, 1259 12th
 Ave., San Francisco.

Architect.....None.
 Day's work.....COST, \$4500

(396) E DIAMOND 172-6 N 21st. Two-
 story and basement frame dwelling.

Owner.....Bay Cities Home Bldg. Co.,
 611 Merchants' Exchange
 Bldg., San Francisco.

Architect.....None.
 Day's work.....COST, \$2150

(397) ON EXPOSITION SITE. Un-
 hook all slings and haul lumber to
 the Machinery Bldg. and piling at
 place as required. Lumber to be
 hauled from U. S. Army Transport
 Dock at foot of Laguna street (about
 5,500,000 feet).

Owner.....Panama-Pacific Interna-
 tional Exposition Co., Ex-
 position Bldg., S. F.

Architect.....None.
 Contractor.....McPhee Stevedoring Co.,
 Foot of 3rd St., S. F.

Filed Feb. 6, '13. Dated Jan. 23, '13.

Payments as work progresses 90%
 Usual 35 days.....10%

TOTAL COST, \$1.10 per thousand board
 measure.

Bond, none. Limit, as fast as required
 Forfeit, none. Plans and specifications
 filed.

(398) EXPOSITION SITE. Grading
 sites for Automobile Bldg., Service
 Road and North and South Entrances
 to East Court.

Owner.....Panama-Pacific Interna-
 tional Exposition Co., Ex-
 position Bldg., S. F.

Architect.....None.
 Contractor.....Sunset Construction Co., 62
 Post, San Francisco.

Filed Feb. 6, '13. Dated Jan. 31, '13.

Payments as work progresses.....75%
 Usual 35 days.....25%

TOTAL COST, \$12,800

Bond, \$6500. Surety, National Surety
 Co. Limit, 90 days. Forfeit, none.

Plans and specifications filed.

(394) EXPOSITION SITE. Constructing sanitary and storm sewers in State and Foreign sites.
Owner.....Panama-Pacific International Exposition Co., Exposition Bldg., S. F.
Architect...None.

Contractor...Michael Murphy.
Filed Feb. 6, '13. Dated Jan. 31, '13.
Payments as work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$28,350

Bond, \$15,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, \$25. Plans and specifications filed.

(100) E TWENTY-FOURTH AVE 225 S California 25x120. Alterations to building.

Owner.....Geo. M. Conlan.
Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
Filed Feb. 6, '13. Dated Feb. 5, '13.

Brown coated.....\$450
Completed..... 450
Usual 35 days..... 300
TOTAL COST, \$1200

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(161) JACKSON N 97-6 E Locust N 127-8 1/2x40. Brick work for two-story and basement and attic frame residence.

Owner.....Alexander and Kate Keyes
Architect...Smith O'Brien, Humboldt Bank Bldg., San Francisco.
Contractor...Mealey & Collins, 185 Stevenson, San Francisco.

Filed Feb. 6, '13. Dated Feb. 3, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$1732

Bond, \$866. Sureties, Morris Dillon and Michael Collins. Limit, as fast as possible. Forfeit, \$10. Plans and specifications filed.

(102) EXCAVATING, GRADING AND concrete work on above.

Contractor...H. L. Petersen, 62 Post, San Francisco.
Filed Feb. 6, '13. Dated Feb. 3, '13.
Payments same as above.....
TOTAL COST, \$2894

Bond, \$1447. Sureties, John McGuigan and Gottfried Peterson. Limit, 50 days. Plans and specifications filed.

(103) CARPETNER, CABINET, STAIR, bath and plaster, tiling, marble, sheet metal, glass and glazing on above.

Contractor...Brockhage Foley & Green, 1226 Natoma, S. F.
Filed Feb. 6, '13. Dated Feb. 3, '13.
Payments same as above.....
TOTAL COST, \$17,000

Bond, \$890. Surety, Massachusetts Bonding & Insurance Co. Limit, Oct. 15, '13. Forfeit, \$10. Plans and specifications filed.

(104) PAINTING, STAINING AND varnishing on above.

Contractor...I. Kissel, 1538 Polk, S. F.
Filed Feb. 6, '13. Dated Feb. 3, '13.
Payments same as above.....
TOTAL COST, \$1250

Bond, none. Limit, as fast as possible. Forfeit, \$10. Plans and specifications filed.

(105) S BRYANT AND ZOE SW 125 SSE 160. Glazing and glass for win-

dows, sash door, transoms, borrowed lights, skylights, area roofs, elevator fronts, etc., for four-story and basement Class "B" building.

Owner.....Shreve & Co.
Architect...Nathaniel Blaisdell, 255 California, San Francisco.
Contractor...W. P. Fuller & Co., Beale and Mission, S. F.

Filed Feb. 6, '13. Dated Jan. 7, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$3871

Bond, none. Limit, 40 days from recording. Forfeit, \$25. Plans and specifications filed.

(106) ROOFING WITH FELT, Asphalt and gravel, etc., on above.

Contractor...Paraffine Paint Co., 34 1st, San Francisco.
Filed Feb. 6, '13. Dated Jan. 18, '13.
Payments same as above.....
TOTAL COST, \$1040

Bond, none. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.

(107) W MISSION 160 S 18th S 25x W 160 MB 68. All work for three-story frame store and apartments.

Owner.....Fredk. E. Mersereau, 1160 Powell, San Francisco.
Architect...Rhodes & Marisch, 3372 16th, San Francisco.
Contractor...H. E. MacArthur and T. W. MacArthur, 1560 Fell, San Francisco.

Filed Feb. 6, '13. Dated Feb. 6, '13.
All foundations in.....\$1000
2nd floor joists in..... 2450
Enclosed, rustic and roof on..... 2450
Brown coated..... 3450
Standing finish on..... 3950
Completed and accepted..... 5450
Usual 35 days..... 6250
TOTAL COST, \$25,000

Bond, \$12,500. Surety, American Bonding Co. of Baltimore. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(108) N PAGE 175 W Pierce. Three-story and basement frame flats.

Owner.....Anna C. Taft, 816 Page, San Francisco.
Architect...None.
Contractor...Oscar Thunberg, 678 9th Ave., San Francisco.

NOTE:—Job is started.
COST, \$7000

(109) N FILBERT 187-6 E Hyde. Three-story and basement frame flats.

Owner.....D. M. Shafer, 1154 Filbert, San Francisco.
Architect...Theo. W. Lenzen, 709 Humboldt Bank Bldg., S. F.
Day's work.....
COST, \$5000

(110) W LAIDLEY 78-4 E Miguel. One-story and basement frame residence.

Owner.....G. Heden, 116 Sussex, S. F.
Architect...None.
Day's work.....
COST, \$800

(111) NO. 719 COMMERCIAL. Alter residence.

Owner.....Mrs. E. McCarthy, 346 Kearny, San Francisco.
Architect...None.
Contractor...A. A. Hinson, 180 Jessie, San Francisco.
COST, \$100

(112) SE CAPITOL AND GRAFTON.

One-story and basement frame dwlg. Owner.....Ed. Westphal.

Architect...None.
Day's work.....
COST, \$500

(113) NE NIAGARA AND LOUISBERG. Erect 8 hot houses.

Owner.....A. Piccitt, Ingleside.
Architect...None.
Day's work.....
COST, \$1000

(114) W LEAVENWORTH 62-6 S Union. Alter residence.

Owner.....D. Atkins, 2042 Leavenworth, San Francisco.
Architect...Wm. Knowles, Hearst Bldg., San Francisco.
Day's work.....
COST, \$1000

(115) S HUNT 80 E Thrd. New front Owner.....Salvation Army, Premises.

Architect...None.
Contractor...John Biller, 460 Montgomery, San Francisco.
COST, \$400

(116) E DELAWARE 154 S 22nd E 200xS 246 PN 504. Construction of wharf and pumpinghouse foundation.

Owner.....Pacific Gas & Elec. Co., 425 Sutter, San Francisco.
Architect...None.
Contractor...Thomson Bridge Co., 103 Main, San Francisco.

Filed Feb. 7, '13. Dated Jan. 31, '13.
On completion..... 75%
Usual 35 days..... 25%
TOTAL COST, \$17,125

Bond, \$8562. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(117) W PIERCE 100 N Lombard N 25xW 110. All work for one-story and basement frame store building.

Owner.....Maria Sartorio.
Architect...None.
Contractor...Vittorio Pera, 325 Buchanan, San Francisco.

Filed Feb. 7, '13. Dated Jan. 25, '13.
Roof completed..... 1/4
1st coated..... 1/4
Completed..... 1/4
Usual 35 days..... 1/4
TOTAL, COST, \$4500

Bond, none. Limit, 90 days after Jan. 20, '13. Forfeit, none. Plans and specifications filed.

(118) NW HOWARD 370 SW Third SW 40xNW 80 100V Bk 363. Excavation, grading, concrete and artificial stone, cleaning and stacking on lot of old brick for three-story and basement Class "C" rooming house.

Owner.....Clara Bibbero.
Architect...Bernard J. Joseph, 1st National Bank Bldg., S. F.
Contractor...Camp & Carillon, 1075 17th San Francisco.

Filed Feb. 7, '13. Dated Feb. 3, '13.
Excavation and grading done, and foundation, basement and area walls up to 1st floor joists and piers built.....\$1100
Completed and accepted..... 346
Usual 35 days..... 550
TOTAL COST, \$2196

Bond, \$1100. Sureties, Adm Beck and Theo. Binner. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(119) S JACKSON 214 E First Ave or Arguello Blvd. All work for two-story and basement frame residence.

Owner.....Wm. Ham Hall, Postal Telegraph Bldg., S. F.
Architect...Plans by Owner.

(419) W 14 Henderson, Monadnock Bldg., San Francisco.
Filed Feb. 7, '13. Dated Feb. 6, '13.
Frame rough floor, wall sheathing and roof sheathing and bulkheads and fence completed. \$2712.50
Outs de plaster and inside brown paint. 2712.50
Usual 35 days. 2712.50
TOTAL COST, \$10,850.00
Bond, \$500. Surety, Massachusetts Bonding & Insurance Co. Limit, 80 days. Forfeit, \$5. Plans and specifications filed.

(420) N SACRAMENTO 200 E Drum
N 53-9A E 25. Concrete, cement, slide walk doors, steel beams of slide walk, pumping and reinforcing bars for three-story and basement left building.

Owner.....Union Pacific Salt Co., 46 Sacramento, San Francisco.
Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
Contractor, John Spargo, 926 Presidio Ave., San Francisco.

Filed Feb. 7, '13. Dated Feb. 7, '13.
33 1-3% work completed.....\$515
66 2-3% work completed..... 515
Completed and accepted..... 515
Usual 35 days..... 515
TOTAL COST, \$2060

Bond, none. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

(421) E NEVADA 75 N Powhattan.
One-story and basement frame dwlg.
Owner.....J. C. Stromswald, 14 Beaver San Francisco.

Architect...None.
Day's work. COST, \$1450

(422) E NEVADA 50 N Powhattan.
One-story and basement frame dwlg.
Owner.....J. C. Stromswald, 14 Beaver San Francisco.

Architect...None.
Day's work. COST, \$1150

(423) E DIAMOND 122-6 N 21st.
Two-story and basement frame dwlg.
Owner.....Bay Cities Home Bldg. Co., Merchants' Exchange Bldg., San Francisco.

Architect...None.
Day's work. COST, \$2200

(424) E DIAMOND 147-6 N 21st.
Two-story and basement frame dwlg.
Owner.....Bay Cities Home Bldg. Co., Merchants' Exchange Bldg., San Francisco.

Architect...None.
Day's work. COST, \$2200

(425) N McALLISTER 137-6 E Buchanan.
Raise and add to flats.
Owner.....Charles Katz, 1200 Dolores, San Francisco.

Architect...None.
Day's work. COST, \$2000

(426) E ANDOVER 50 S Eugenia.
One-story and basement frame dwlg.
Owner.....P. W. Montroull, 255 Moultrie, San Francisco.

Architect...None.
Day's work. COST, \$1000

(427) W HYDE 112-6 N California.
Three-story and basement frame flats.
Owner.....J. F. Wyman.
Architect...None.
Day's work. COST, \$8000

(428) S EUCLID AVE 95 W Commonwealth Ave. Two-story and basement frame residence.

Owner.....M. Fisher, Cal-Pacific Bldg., San Francisco.

Architect...David Coleman, Merchants' National Bank Bldg., S. F.

Day's work. COST, \$3500

(429) E ALBION AVE 110 S 16th 30x120. Foundation, carpenter, plastering, glazing, plumbing, painting, roof for two-story frame (2 flats.)

Owner.....John P. and Jattie Spaar, 24th and Potrero, S. F.

Architect...None.
Contractor, J. Eric Johansen, 2726 20th San Francisco.

Filed Feb. 8, '13. Dated Feb. 6, '13.

Frame up\$606
Brown coated 706
Completed and accepted..... 706
Usual 35 days..... 707

TOTAL COST, \$2735

Bond, none. Limit, 60 days from issuing permit. Forfeit, none. Plans and specifications filed.

PERMITS ISSUED FOR TEARING DOWN BUILDINGS.

The following is a list of applications filed since February 1st for tear down permits in the Fire Limits:

Symon Bros. NW Front and Merchant. One-story frame.

Symon Bros. SW 5th and Stevenson. One-story frame.

Symon Bros. No. 10 Stewart street. One-story frame.

Symon Bros. SE Ash and Van Ness Aves. Two-story frame.

COMPLETION NOTICES.

San Francisco.

Feb. 1, 1913—N HOWARD 340 S Third SW 30xNW 80. P J Roddy to Carnahan & Mulford.....Jan. 29, 1913

Feb. 1, 1913—COMG. 26-67% from NW Market and Front — 92-8 W 137-6 S 92-8 E 137-6. A B Spreckels to Van Emon Elev Co.....Jan. 31, 1913

Feb. 1, 1913—E CAPP 220 S Temple S 40 E 115 to alley way 15 ft. wide N 40 W 115 ptn Lot 140, S F Hd Union. The Pacific Telephone & Telegraph Co to A T Spence.....Jan. 25, 1913

Feb. 3, 1913—E JOICE 54-3 S Sacramento S 29-9 E 60 N 29-9 W 54-3. Agnes M McGuire to Otto Carson.....Feb. 3, 1913

Feb. 3, 1913—N UNION 76-6 E Mason E 21xN 58. Salvatore Romani to Farnocchia Petri & Co.....Feb. 3, 1913

Feb. 3, 1913—N O'FARRELL 62-6 E Laguna E 25xN 120. Laurence J Lane to Henry Conrad.....Feb. 3, 1913

Feb. 3, 1913—E POWELL 112-6 S Chestnut 25x103-14 Emanuel Garibaldi to B Kessler.....Jan. 10, 1913

Feb. 3, 1913—W VAN NESS AVE 115 N Pine N 40 W 133 S 40 E 15 along the end of right of way E 118. Mutual Land Inv Co to Northern Constr Co.....Jan. 4, 1913

Feb. 3, 1913—NE SIXTH & NATOMA S 75x E 75. The Hind Estate Co to The Van Emon Elevator Co.....Jan. 24, 1913

Feb. 3, 1913—W EIGHTEENTH AVE 200 S Clement 25x120. Bridget Campbell to J J Harcom.....Jan. 30, 1913

Feb. 4, 1913—W WAYNE PLACE (Scott Place) 112-6 N Pacific th 25x W 56. J B Pene to whom it may concern.....Feb. 8, 1913

Feb. 4, 1913—W STEINER 114-10 S O'Farrell S 22-8xW 137-6. Pauline E H Kabel to Petterson & Persson.....Jan. 30, 1913

Feb. 4, 1913—SE MARKET 45-10 SW Spear SW 45-10 SE 132-6 NW 137-6. Sommer & Kaufmann to Dyer Bros.....Jan. 30, 1913

Feb. 4, 1913—S GREEN 137-6 E Steiner 32-6x137-6. Carl M and Bessie M Lee to W O Nicoladas & P. Burghardt.....Feb. 3, 1913

Feb. 4, 1913—E MOULTRIE 100 S Powhattan. P W Montroull to whom it may concern.....Feb. 3, 1913

Feb. 4, 1913—NW BUSH & SANSOME N 137-6xW 67-6. Standard Oil Co to S F Cornice Co.....Jan. 27, 1913

Feb. 4, 1913—NW WASHINGTON & Maple W 117-9xN 143-7 1/4. N Washington 117-9 W Maple W 29-6xN 127-8 1/4. Marcus S Koshland to Edward C Bleth.....Feb. 3, 1913

Feb. 5, 1913—N SUTTER 122-9 W Sansome W 122-3xN 137-6. Chas. Holbrook to E M Huie Co.....Feb. 3, 1913

Feb. 5, 1913—W COLE 77-8 S Carmel S 25xW 100. Andrew Lyon to Andrew Lyon.....Feb. 5, 1913

Feb. 5, 1913—SE MARKET 100-0 1/2 NE Seventh NE 50-0 1/2xSE 165. Jas D Phelan to Rainey & Phillips.....Feb. 5, 1913

Feb. 5, 1913—NW VALLEJO & MONTGOMERY 37-9x56-2. Giulia Picetti to Louis Rossi.....Feb. 5, 1913

Feb. 5, 1913—S SACRAMENTO 112-6 E Franklin E 30xS 127-8 1/2. Joseph E Levin to J D Hannah.....Feb. 5, 1913

Feb. 5, 1913—NW WASHINGTON & Maple W 117-9xN 143-7 1/4. N Washington 117-9 W Maple W 29-6xN 127-8 1/4. Marcus S Koshland to Alex Haus.....Feb. 3, 1913

Feb. 5, 1913—COMG. 26-67% NW Market and Front — 92-8 W 137-6 S 92-8 E 137-6. Moore-Watson Dry Goods Co (tenant) to J I Mitrovich Bldg Co.....Feb. 1, 1913

Feb. 5, 1913—W BANKS 25 S Eugenia Ave S 25xW 70 Lot 528 Gift Map No. 1. Henry A Sala to Henry A Sala.....Jan. 24, 1913

Feb. 5, 1913—NW SIXTH & MISSION — 80 W 130 S 80 — 130. Sullivan Estate Co to Patrick R Wood.....Feb. 5, 1913

Feb. 5, 1913—S TWENTY-NINTH 178-7 W Diamond W 25xS 114. Frederic A Steiner to F A and J F Neilson.....Jan. 26, 1913

Feb. 5, 1913—E BOYCE 75 N St. Rose Ave N 25xE 120. Kate McHugh to whom it may concern.....Jan. 31, 1913

Feb. 5, 1913—W CHURCH 60-6 N Army. James Fenton to George D Gilmour.....Feb. 5, 1913

Feb. 6, 1913—NW VAN NESS AVE & Oak 157-6 N 80 W 21 N 40 E 178-6 S 120. The Masonic Temple Association of California to The Clinton Fireproofing Co.....Feb. 3, 1913

Feb. 6, 1913—SE FILIBERT AND JASPER Place. Luca Bacciocco to Norio Cavalia.....Jan. 31, 1913

Feb. 6, 1913—NW TURK AND POLK N 137-6xW 137-6. German House Ass'n to John Shimen Co.....Feb. 3, 1913

Feb. 6, 1913—E NOE 89 S 27th S 25x 80. Mary F Hall to A Rivin.....Feb. 6, 1913

Feb. 6, 1913—SE SIXTH & NATOMA S 75x E 75. The Hind Estate Co to C S Amstler.....Jan. 28, 1913

Feb. 6, 1913—SE MARKET 150-8 1/2 NE 7th SE 165-1xNE 75. Boston & S P Amusement Co to C J Hillard Co.....Jan. 30, 1913

OAKLAND AND ALAMEDA COUNTY.

eb. 7, 1913—EXPOSITION SITE. Panama-Pacific International Exposition to F R Ritchie & Co.....Feb. 6, 1913

eb. 7, 1913—NW JACKSON AND Drumm N 60xW 60. Thomas W Butcher to McGowan & Butler.....Feb. 5, 1913

eb. 7, 1913—W TENTH AVE 75 S California. O E Anderson to whom it may concern.....Feb. 7, 1913

eb. 7, 1913—NW BRODERICK & Vallejo E 60 N 107-6 W 24-6 S 3-6 W 35-6 S 104. Annie T K Smart, Emily Parker, and Elizabeth J Knight to Stockholm & Allyn.....Feb. 6, 1913

eb. 7, 1913—CLAY NO. 2214. Annie L Wallace to Ira W Curnin, Inc.....Feb. 1, 1913

eb. 7, 1913—N SACRAMENTO 225 E Drumm N 119-6x E 30. Union Pac Salt Co to Healy Tibbetts Constr Co.....Jan. 24, 1913

eb. 7, 1913—SE VIENNA 200 NE France Ave NW 25xSE 100 Lot 3 Blk 62 Excl Hd. Otto V and Anna C Burberick to Stephenson & Parry.....Feb. 4, 1913

eb. 7, 1913—E BARTLETT 162-6 N 26th E 117-6xN 32-6. Louis W or L W Scheppeler to Henry Conrad.....Feb. 5, 1913

eb. 7, 1913—W MONROE 68-9 N Bush N 69x E 70. H B Pinney to whom it may concern.....Feb. 6, 1913

eb. 7, 1913—N CORNVALL 32 W Third Ave — 30-1 m or 1 — 60 S 30 W 73. Rosa Gomez Olsen to Roy T Murray.....Jan. 25, 1913

eb. 7, 1913—W EIGHTH AVE 150 N Anza — 25x120. Milton and Anna E Murray to whom it may concern.....Jan. 28, 1913

eb. 7, 1913—W SANCHEZ 100 S 30th S 25xW 75. Joseph O'Connor to Wari C Brown.....Jan. 31, 1913

Liens Filed.
San Francisco.

Feb. 3, 1913—NE FIRST & FOLSOM E 57-6xN 61-6. W L Nagel vs John Campe.....\$72

Feb. 3, 1913—W RHODE ISLAND 100 S 24th S 25xW 100. Friedman Bros vs Owen J Gallagher and W H Morphy.....\$22.50

Feb. 3, 1913—SE MARKET 150-1 1/2 NE 7th SE 165-1xNE 75. Electric Railway & Manufacturers Supply Co vs Metropolitan Constr Co and Boston & S F Amusement Co.....\$221.91

Feb. 3, 1913—W DEVISADERO 100 N Filbert N 37-6xW 30. J L Bowen & Son Co vs G K Easton, S F Wagner Est and R S MacMillen.....\$150

Feb. 6, 1913—SE MARKET 150-1 1/2 NE 7th SE 165-1xNW 75. Thomas Day Co vs Boston & S F Amusement Co (cpn) and John Doe Esters.....\$199.60

Feb. 7, 1913—N SUTTER 175 W Fillmore W 50xN 137-6. John F King vs Frank Sutton, Edgar R Redlich and Howard J Roberts as co-partners as Home Amusement Co. and J E MacCormac.....\$805

Feb. 7, 1913—S CALIFORNIA 107-6 W 26th Ave W 25xS 100. A Seghieri and Bro, cpn vs M R Colton and R A Crothers.....\$179.70

Feb. 8, 1913—N SUTTER 175 W Fillmore W 50xN 137-6. Electric Motor & Machine Co vs Frank Sutton, Edgar Redlich and Howard J Roberts (as Home Amusement Co) and J E MacCormac.....\$220.44

APARTMENT HOUSE—2 story and base, frame, \$12,000. Oakland, Cal. Architect, Leonard H. Ford, 1704 Oxford St., Berkeley. Owner, John J. Fosen, 2809 Filbert St., Oakland. The building will be erected at the corner of 3rd avenue and East 16th street, Oakland, and will contain 12 apartments of two and three rooms each. All suites will have connecting baths and wall beds. Interior finish will be of pine and redwood with some oak in the entrance vestibule and lobby. There will be a central heating system and vacuum cleaning. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is taking figures on the work.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, M. L. Newsum, 512 Broadway, Oakland. Owner, Al. Wood, 922 Broadway, Oakland. The building will be arranged for stores on the first floor and a number of two room suites on the second floor. All interior trim will be of pine or redwood. Hot and cold running water will be supplied to all apartments. There will be patent store fronts. The exterior of the building will be covered with cement plaster on metal lath. Plans include a furnace heating system. Plans are in the hands of the owner who is taking bids on the various parts of the work.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co, Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, D. L. Levy. This house has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath and kitchen. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$3,000. Piedmont, Alameda Co. Cal. Architect, C. C. Jones, Head of Santa Barbara Road, Berkeley. Owner, R. E. Jones. The dwelling will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster and shakes. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,500. Berkeley, Alameda Co. Cal. Architect, none. Owner, George R. Tryner, 2729 Prince St., Berkeley. The house has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine, redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be finished in tile and will have a composition floor. The exterior of the

dwelling will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOW — 1 story and base, frame, \$2,500. Berkeley, Alameda Co. Cal. Architect, Frank M. May, 2145 Center St., Berkeley. Owner, J. A. Pinkerton. The bungalow will contain six rooms, bath and sleeping porch. All interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be a large open fire places with brick or tile mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, concrete, \$1,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, James Rountree, 5417 Shafter Ave., Oakland. The house has been designed for an eight-room dwelling with bath and sleeping porch. Interior finish will be of pine and redwood with some oak used in the dining and living rooms. Hardwood floors will be used throughout. There will be open fire places and brick or tile mantels. Tile will be used in the bath room and kitchen. Furnace heat will be installed. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1 1/2 story and base, frame, \$2,000. Oakland, Cal. Architect, none. Owners, Realty Syndicate, Syndicate Bldg., Oakland. Owner, Colin McInnis. The dwelling will contain five rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. There will be a large open fire place with brick mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BUNGALOWS—7, 1 story and base, frame, \$2,500 to \$3,000. Berkeley, Alameda Co. Cal. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. These houses will be erected in Fairmont Park, and have been designed to contain from five to six rooms each. The interiors will be finished in pine, redwood and some hardwoods. Hardwood floors will be used throughout. Several of the houses will have central heating plants. All will have open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and the work will be started at once under the Day Labor system.

BUNGALOW—1 1/2 story and base, frame, \$3,250. Oakland, Cal. Architect, none. Owner, E. W. Woodward, 1540 Broadway, Oakland. The house has been designed for a six-room dwelling with bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. There will be an automatic water heater installed. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

PLANT AND STORES—2 story and base frame. Cost not stated. Oakland, Cal. Architect, none. Owner, F. Valentino, 3100 Telegraph Ave., Oakland. The building will cover a considerable area and has been arranged on 12 columns on the first floor and two flats above. Interior finish will be of pine through out. The exterior will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

AUTHORITY—2 story and base, class A construction, \$500,000. Oakland, Cal. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for the structural steel work for this building have been completed and are now out for figures. The building has been fully described here several times before. Bids will be opened for the furnishing and erecting of the structural steel on February 27th. The official proposal appears in another column of this issue. Complete information relative to the work can be secured from Architect Donovan.

HOTEL—7 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owners, Cinciarulo Bros. The building is to be erected at the southwest corner of 16th and Jefferson streets, and will be designed for a high class commercial hotel. Construction will be of steel and brick with exterior walls faced with pressed brick. Plans include steam heat, elevators and a water heating system. Interior will be finished in pine, redwood and some hardwood. Lobby will be finished with marble tile and ornamental plaster. Plans are being prepared.

STORES AND OFFICES—12 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Syndicate of Oakland capitalists. The names of the owners and exact location of the building cannot be given at this time. Mr. Martin states that the structure will be 60x50 feet, and that it will contain a total of 320 offices. Construction is to be fireproof throughout. Further details will be given as the plans progress.

Building Contracts Awarded.

Oakland.

287	Decker	Decker	2000
288	Fassio	Garello	1200
289	Farris	Farris	300
290	Button	Button	300
291	Neary	Neary	2500
297	Mills	Lewis	500
298	Fox	Smith	1000
299	Kinsley	Fortin	400
300	Shumway	Gardner	400
304	Havens	Jerden	1200
305	Eschbacher	Harris	6700
306	Nelson	Nelson	1800
307	Coit	Coit	2000
308	Nelson	Nelson	1800
309	McGuinness	Owner	2500
310	Johnson	Cole	1600
311	Reeves	Gundner	400
312	Wilder	Wilder	400
313	Fairbank	Fairbank	400
314	Warren	Bartlett	400
315	Brown	Brown	400
316	Capwell	Monarch	2419
317	Albrecht	Volckers	2100
318	Fredericks	Lesault	400
319	Chapin	Mallek	500
320	Gunnip	Gunnip	400
321	Jackson	Jackson	1250
322	Larmer	Larmer	2000
323	Penn	Penn	2250
324	Price	Price	2500
325	Eschbacher	Harris	6700
326	W O W	McLeod	1388
327	Same	Kurtz	3850

342	Dalton	Dalton	2000
343	Hanssan	Hanssan	2000
344	Barkoff	Barkoff	2000
345	Rodriguez	Duarte	500
346	Ridgess	McWilliams	1200
349	Rountree	Rountree	4500
350	Potter	Wood	800
351	Gustafson	Wallen	3600
353	Donnelly	Owner	1200
354	Poist	Anderson	1100
355	Lloyd	Lloyd	3800
356	Coit	Coit	2500
357	Canapa	Silva	650
358	Wheeler	Wheeler	2400
359	Verum	Mudrock	500
360	Peppin	Peppin	1500
361	Same	Same	1500
362	Code	Lydeksen	7200
364	Wilcox	Webster	2070
365	Oakland Bldg	Owner	5000
367	Brown	Brown	1900

(287) W TWENTY-FIRST AVE 135 N E-27th, Oakland. One-story 5-room dwelling.

Owner.....C. L. Decker Co., 404 12th, Oakland.

Architect...None.
Day's work. COST, \$2000

(288) S MCADAM 175 E Broadway, Oakland. One-story 4-room dwelling.

Owner.....C. Fassio, 310 51st, Okd.

Architect...None.
Contractor...P. Garello, 311 51st, Okd. COST, \$1200

(289) W BRIGHTON AVE 300 S 13th Ave., Oakland. One-story 6-room dwelling.

Owner.....W. A. Farris, 18 Monte Vista Ave., Oakland.

Architect...None.
Day's work. COST, \$3000

(290) SE SIXTY-THIRD AND HILLEGASS, Oakland. Two-story six-room dwelling.

Owner.....I. W. Button, 5930 Telegraph Ave., Oakland.

Architect...None.
Day's work. COST, \$3000

(291) E BROWN 150 S 60th, Oakland. One-story five-room dwelling.

Owner.....Wm. F. Neary, 1512 Broadway, Oakland.

Architect...Clyde H. Brewer, 1738 35th Ave., San Francisco.

Day's work. COST, \$2500

(297) NO. 5620 EDGEHILL, Oakland. Addition.

Owner.....Mrs. Mills, 851 Mead, Okd.

Architect...None.
Contractor...G. H. Lewis, 3756 Franklin, Oakland. COST, \$500

(298) E TWENTY-SECOND AVE 200 S E-27th, Oakland. Alterations.

Owner.....W. Fox, Oakland.

Architect...None.
Contractor...C. M. Smith, 2928 California, Oakland. COST, \$1000

(299) NO. 557 TWELFTH, Oakland. One-story brick shop.

Owner.....C. W. Kinsey, Premises.

Architect...None.
Contractor...V. L. Fortin & Son, 1011 Franklin, Oakland. COST, \$400

(300) S FIFTY-FIFTH 150 W Grove, Oakland. Two-story 12-room flats.

Owner.....Mary A. Shumway, 55th & Grove, Oakland.

Architect...None.
Contractor...J. W. Overton, 440 3rd, Oakland. COST, \$4010

(304) END FOURTH AVE CAR LINE, Oakland. Two-story 3-room dwelling.

Owner.....Paul Havens, Highland Sheridan, Piedmont.

Architect...None.
Contractor...N. C. Jerden, 2729 Vallest Place, Oakland. COST, \$120

(305) NW EIGHTH AND KIRKHAM, Oakland. Two-story 16-room flats.

Owner.....Margaret Eschbacher, Louise MacMurtry, 815 Kirkham, Oakland.

Architect...Chas. W. McCall, Centre Bank Bldg., Oakland.

Contractor...D. F. Harris, 1303 Carriso Berkeley. COST, \$570

(306) N FIFTY-EIGHTH 30 E Genoa, Oakland. One-story 5-room dwlg.

Owner.....Ed. W. Nelson, 945 57th, Oakland.

Architect...None.
Day's work. COST, \$180

(307) E BROADWAY 133 N Mantle, Oakland. One-story 5-room dwlg.

Owner.....C. B. Coit, 1522 Broadway, Oakland.

Architect...Al. J. Mazurette, 152 Broadway, Oakland.

Contractor...Roger Coit, 1522 Broadway, Oakland. COST, \$200

(308) N FIFTY-EIGHTH 60 E Genoa, Oakland. One-story 5-room dwlg.

Owner.....E. W. Nelson, 945 57th, Okd.

Architect...None.
Day's work. COST, \$180

(309) S E-SEVENTEENTH 87 W 57th Ave., Oakland. One-story 6-room dwelling.

Owner.....Jas McGuinness, 1030 Filbert, Oakland.

Architect...None.
Day's work. COST, \$250

(310) E SIXTY-FIFTH AVE 277 N E 41th, Oakland. One-story 4-room dwelling.

Owner.....Mrs. Mary Johnson, 72 Grant, Vallejo, Cal.

Architect...None.
Contractor...Beck & Cole, 1433 65th Ave., Oakland. COST, \$160

(311) S E-TWELFTH 26 E 42nd Ave, Oakland. One-story 3-room dwlg.

Owner.....R. E. Reeves, 3317 E-14th, Oakland.

Architect...None.
Contractor...E. F. Guldner, 518 22nd, Oakland. COST, \$150

(312) W 105TH AVE 320 S S P R R, Oakland. One-story 3-room dwlg.

Owner.....Wm. Wilder, 1909 E-17th, Oakland.

Architect...None.
Day's work. COST, \$400

(313) NO. 776 TWENTY-SECOND, Oakland. Repairs.

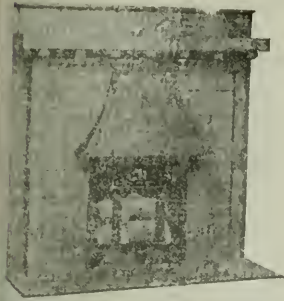
Owner.....I. J. Fairbank, 772 22nd, Oakland.

Architect...None.
Day's work. COST, \$400

(314) NO. 427 TWENTY-NINTH, Oakland. Alterations.

Owner.....Olney Warren.

Architect...None.
Contractor...Jno. M. Bartlett. COST, \$400



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1727 TELEGRAPH AVE.

OAKLAND, CAL.

Phone Oakland 121

Residence Phone Oakland 8622

(315) COR TWELFTH AND WASHINGTON (Bacon Bldg.), Oakland. Alter
Owner.....C. J. Brown and E. B.
Soule, Premises.
Architect...None.
Day's work. COST, \$400

(316) NE COR. FOURTEENTH AND
Clay, Oakland. Strengthen supports
of Escalator and iron stairway from
1st floor to mezzanine floor.
Owner.....H. C. Capwell Co., Prem.
Architect...C. W. Dickey, Central Bk.
Bldg., Oakland.

Contractor..Monarch Iron Works, 1161
Howard, San Francisco.

Filed Feb. 4, '13. Dated Jan. 30, '13.

1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2419

Bond, limit, forfeit, none. Plans and
specifications filed.

(317) N E TWENTY-FIRST 75 E-27th
Ave., Oakland. Two-story 7-room
dwelling.

Owner.....Bertha Albrecht, 27 Col-
lingwood, San Francisco.

Architect...None.

Contractor...A. Volckers, 2123 25th Ave.,
Oakland.

COST, \$2100

(318) NO. 4080 WEBSTER, Oakland.
Alterations and addition.

Owner.....Mrs. J. Fredericks, Prem.
Architect...None.

Contractor...O. Legault, 3136 West, Okd
COST, \$400

(319) NO. 1950 NINETY-FOURTH AV
Oakland. Addition.

Owner....S. T. Chapin.
Architect...None.

Contractor..Mallick & Begier.
COST, \$500

(320) NO. 4903 TELEGRAPH AVE.,
Oakland. Addition.

Owner....John Gunip, Premises.
Architect...None.

Day's work. COST, \$400

(321) W VIOLA AVE 230 S Pennimon
Ave., Oakland. One-story four-room
dwelling.

Owner.....C. A. Jackson, 2128 E-16th,
Oakland.

Architect...None.
Day's work. COST, \$1250

(322) S SIXTY-FIRST 150 W Colby,
Oakland. One-story five-room dwlg.

Owner.....Ed. Larmer, 631 Poirier,
Oakland.

Architect...None.
Day's work. COST, \$2000

(323) S PRINSTON 40 W Fairfax,
Oakland. One-story five-room dwlg.

Owner.....Theo. Fenn, 749 61st, Okd.
Architect...None.

Day's work. COST, \$2250

(324) W MANILA AVE 60 N Clifton,
Oakland. Two-story 6-room dwelling

Owner.....Price Bros., 493 Alcatraz
Ave., Oakland.

Architect...None.
Day's work. COST, \$2500

(325) NW EIGHTH AND KIRKHAM
N along Kirkham 80.75 W 44 S 80.09

E 44.64, Oakland. All work for two-
story frame flat building.

Owner.....Margaret L. Eschbacher &
Louise M. MacMurtry, 815

Kirkham, Oakland.
Architect...Chas. W. McCall, Central

Bank Bldg., Oakland.

Contractor..D. F. Harris, 1303 Carri-
son, Oakland.

Filed Feb. 5, '13. Dated Feb. 5, '13.

Frame up, roof sheathed and
chimneys built.....\$1670

Plumbing and electric work
roughed in, exterior mill work

in place, exterior covering and
1st interior coat plaster on..... 1670

Completed and accepted..... 1670

Usual 35 days..... 1690

TOTAL COST, \$6700

Bond, \$2395. Surety, Fidelity & De-
posit Co. of Maryland Limit, 100 days.

Forfeit, none. Plans and specifications
none.

(326) NW SIXTEENTH & JEFFER-
SON W along 16th 150 N 85 E 50 N

15 E 100 S 100, Oakland. Lathing and
plastering, suspended ceiling on 1st

story, panel mouldings in lodge room
and all other plaster work shown on

plans for five-story and basement
brick, concrete and steel building.

Owner.....W. O. W. Bldg. Association,
Oakland.

Architect...E. D. Voorhees, Central
Bank Bldg., Oakland.

Contractor..J. C. McLeod, 144 Dracena
Ave., Oakland.

Filed Feb. 5, '13. Dated Dec. 16, '12.

1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$13,950

Bond, \$7000. Surety, Pacific Coast
Casualty Co. Limit, as rapid as re-

quired by Architect. Forfeit, none.
Plans and specifications filed.

(327) DIRECT AND INDIRECT HEAT-
ing, hot water storage tank, radi-

ators, fan, coil, motor, galvanized
iron ducts and flues, electric wiring,

etc., on above.

Contractor..O. Kurtz, 526 Pine, S. F.
Filed Feb. 5, '13. Dated Dec. 16, '12

Payments same as above..... 75%

TOTAL COST, \$3850

Bond, \$1925. Sureties, O. Kurtz and A.
Kurtz. Limit as rapid as required by

architect. Forfeit, none. Plans and
specifications filed.

(342) NINTH AND CEDAR, Oakland.
Alterations.

Owner.....Dalton & Sons, Premises.
Architect...None.

Day's work. COST, \$2000

(343) E COLBY 100 S Alcatraz Ave.,
Oakland. One-story 5-room dwlg.

Owner.....H. A. Hanssian, 2211 Ells-
worth, Berkeley.

Architect...None.
Day's work. COST, \$2000

(344) W SIXTY-FIFTH AVE 250 S
Arthur, Oakland. One-story five-room

dwelling.
Owner.....C. Barkoff, 6509 Raymond,
Oakland.

Architect...None.
Day's work. COST, \$2000

(345) NO. 1057 EIGHTY-THIRD AVE.,
Oakland. Alterations.

Owner.....Antonio Rodrigues, Prem.
Architect...None.

Contractor..J. S. Duarte, San Lorenzo.
COST, \$300

(346) S E TWENTY-FIRST 175 N 7th
Ave., Oakland. Two-story 9-room

dwelling.
Owner.....T. B. Bridges, 825 19th,
Oakland.

Architect...None.

Contractor..R. A. McWilliams, 191
Moss Ave., Oakland.

COST, \$4584

(349) W MANOR DRIVE 315 S Arroya
Piedmont. Two-story residence.

Owner.....James Rountree, 5417
Shafter Ave., Oakland.

Architect...None.

Day's work. COST, \$4500

(350) E EIGHTY-EIGHTH AVE 205
N Plymouth, Oakland. One-story 3-

room dwelling.
Owner.....Mrs. F. Potter, S. F.

Architect...None.

Contractor..A. E. Wood, 1709 99th
Ave., Oakland.

COST, \$800

(351) SE E-FIFTEENTH AND 21st
Ave., Oakland. Alter two-story flats

to four-story flats.
Owner.....E. C. Gustafson, 1625 22nd

Ave., Oakland.

Architect...None.

Contractor..T. G. Wallen, 2807 Pled-
mont Ave., Berkeley.

COST, \$3600

(353) E SECOND AVE 125 S E-16th,
Oakland. One-story 3-room dwelling.

Owner.....Bertha M. Donnelly, 2117
Channing Way, Berkeley.

Architect...None.

Day's work. COST, \$1200

(354) N MELROSE 100 W Patterson.
Oakland. One-story 4-room dwlg.

Owner.....H. Holst, 3004 Brook, Okd.
Architect...None.

Contractor..Chas. C. Anderson, 4115
Aguia Vista, Oakland.

COST, \$1100

(355) W WALKER AVE 100 S Boule-
vard Way, Oakland. Two-story 8-

room dwelling.
Owner.....E. J. Lloyd, 1057 Walker

Ave., Oakland.

Architect...A. W. Smith, 1010 Broad-
way, Oakland.

Day's work. COST, \$3800

(366) E BROADWAY 70 S Kales Ave., Oakland. One-story 5-room dwlg.
Owner....C. B. Colt, 1522 Broadway, Oakland.

Architect...None.
Contractor...Roger Colt, 1522 Broadway, Oakland.
COST, \$2500

(357) NO. 1317 83RD AVE., Oakland. Addition.

Owner....M. A. Camara, Premises.
Architect...None.
Contractor...J. M. Silva, 286 Ford, Okd.
COST, \$300

(358) S YONACIO AVE 205 E Cole, Oakland. One and one-half-story 7-room dwelling.

Owner....E. A. Wheeler, 5205 Cole, Oakland.
Architect...None.
Day's work. COST, \$2400

(359) NW REDWOOD ROAD & OLD County Road, Oakland. Steel tank tower.

Owner....E. F. Werum, Premises.
Architect...None.
Contractor...L. W. Murdock, 1310 Webster, Oakland
COST, \$500

(360) S 103RD AVE 2½ BLKS S E-14th Oakland. One-story 6-room dwlg.

Owner....J. B. Peppin Jr., San Leandro.
Architect...None.
Day's work. COST, \$1500

(361) S 103RD AVE 2½ BLKS S E-14th, Oakland. One-story 6-room dwelling.

Owner....J. B. Peppin Jr., San Leandro.
Architect...None.
Day's work. COST, \$1500

(362) N NEW, bet E-11th and Park Aves W Park, Oakland. Sixteen 1-st. three-room dwellings at \$450 each.

Owner....Code Portwood Can Co., 28th and E-11th, Oakland.
Architect...None.
Contractor...Lydekssen & Fake, 1616 25th Ave., Oakland.
COST, \$7200

(364) SE THIRTY-EIGHTH AVE., known as Boulevard Way 325 SE Santa Rita Ave Lot 23 Bk 13 Boulevard Park, Brooklyn Tpk. Concrete work, lumber, mill work, plastering, plumbing, painting, brick work, hardware, mantel, gas and electric fixtures, shades and other work for one and one-half-story and basement six-room frame dwelling.

Owner....Sadie Wilcox, S. F.
Architect...John F. Haner, 3579 19th, San Francisco.
Contractor...T. L. Webster, S. F.
Filed Feb. 7, '13. Dated Jan. 29, '13
"Frame up and roof boards on.....\$517.50
Brown mortar on and rough plumbing completed an accept.....517.50
Completed and accepted.....517.50
Usual 35 days.....517.50
TOTAL COST, \$2070.00

Bond, \$1935. Surety, Fidelity & Deposit Co. of Maryland. Limit, 70 days. Forfeit, \$2. Plans and specifications, filed.

(366) W PERKINS 600 N Van Buren Ave., Oakland. Two-story 8-room dwelling.

Owner....Oakland Bldg. Co., Security Bank Bldg., Oakland.

Architect...None.
Day's work. COST, \$3000

(367) W TRASK 150 N Ygnacio, Oakland. One-story 5-room dwelling.

Owner....W. C. Brown, 3909 Boulevard, Oakland.
Architect...F. G. Koenig, Bacon Bldg., Oakland.
Day's work. COST, \$1900

Building Contracts Awarded.

Berkeley.

292	Peake	.....	Munro	2500
293	Granroos	.....	Owner	1900
294	Freeman	.....	Peake	1500
301	Berkeley	.....	Udick	400
302	Newell	.....	Junk	3500
303	Bredheoff	.....	Owner	2000
347	Parsons	.....	Person	1800
348	Am Photo Play	.....	Pearson	1750
352	Spitler	.....	Spitler	1800
363	Digelow	.....	Warren	12000
365	Jordan	.....	Skee	2400

(292) W COLUSA 100 N Sonoma Ave., Berkeley. One and one-half-story 6-room dwelling.

Owner....Peake-Munro Co., 2127 University Ave., Berkeley.

Architect...None.
Day's work. COST, \$2500

(293) N CARLTON 160 W McGee, Berkeley. One-story 5-room dwelling.

Owner....Karl Granroos, 2620 McGee Ave., Berkeley.
Architect...None.
Day's work. COST, \$1900

(294) S PARKER 240 E Mable, Berkeley. One and one-half-story five-room dwelling.

Owner....Mrs. Matt Freeman.
Architect...None.
Contractor...Peake-Munro Co., 2127 University Ave., Berkeley.

(301) NW FULTON & BANCROFT, Berkeley. Add to No. 2429.

Owner....Berkeley Undertaking Co., 2201 Bancroft Way, Bkly.
Architect...None.
Day's work. COST, \$400

(302) S HASTE 305 E College Ave., Berkeley. Two-story 6-room dwlg.

Owner....Bertha Newell, Berkeley.
Architect...None.
Contractor...Junk-Riddell Investment Co., 2247 Telegraph Ave., Berkeley.
COST, \$3500

(303) N WOOLSEY 181 E Shattuck Ave., Berkeley. One-story 5-room dwelling.

Owner....J. Bredheoff, 2017 Woolsey, Berkeley.
Architect...None.
Day's work. COST, \$2000

(347) W HARPER 112 N Prince, Berkeley. One-story 5-room dwelling.

Owner....Frederick Parsons, 1923 Russell, Berkeley.
Architect...None.
Day's work. COST, \$1800

(348) N BONAR 100 S Addison S 78.45 E 100 N 173.22 W 50 S 100 W 50, Berkeley. All work for one and two-story Class "C" factory.

Owner....American Photo Player Co. Berkeley.

Architect...Coates & Traver and Walter W. Carpo, associated, Head Bldg., S. F.
Contractor...Benjamin Pearson, 2403 Grant, Berkeley.

Filed Feb. 6, '13. Dated Jan. 25, '13.
1st floor joists in place.....\$4307.50
2nd floor joists in place and roof sheathing of 1st part in place 4307.50
Completed and accepted..... 4307.50
Usual 35 days..... 4307.50

TOTAL COST, \$17,230.00
Bond, \$8620. Surety, National Surety Co. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(352) E EIGHTH 140 N Alston, Berkeley. One-story 5-room dwelling.

Owner....E. B. Spitler, 2154 Ashby Ave., Berkeley.
Architect...None.
Day's work. COST, \$1800

(363) N CHANNING WAY 210 W Dana Berkeley. Three-story and basement 36-room frame apartments.

Owner....D. E. Bigelow, 2333 Channing Way, Berkeley.
Architect...None.
Contractor...C. H. Warren, 2511 Dwight Way, Berkeley.
COST, \$12,000

(365) LOT 17 BLK 14 Northbrae, Berkeley. All work for one-story 5-room dwelling.

Owner....George E. Jordan, 2621 Le Conte, Berkeley.
Architect...None.
Contractor...A. Y. Skee, 1422 Carlton, Berkeley.

Filed Feb. 3, '13. Dated ———
Frame up and roof on..... ¼
1st coat plaster on..... ¼
Completed ¼
Usual 35 days..... ¼
TOTAL COST, \$2400

Bond, limit, forfeit, none. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

295	Guddal	.....	Guddal	1800
296	Johnson	.....	Johnson	2000
328	Ashley	.....	Andersen	5500
329	Pond	.....	MacGregor	1950
330	Same	.....	Same	1950
331	Same	.....	Same	1950
332	Same	.....	Same	1950
333	Same	.....	Same	1950
334	Same	.....	Same	1950
335	Lank	.....	Hohenchild	1400
336	Powell	.....	Powell	2000
337	Powell	.....	Powell	2000
338	Strang	.....	Strang	3500
339	Finch	.....	MacRae	500
340	Wangeman	.....	Leard	400
341	Clark	.....	Clark	2000

(295) NO. 2110 PACIFIC AVE. Alameda. One-story 5-room dwelling.

Owner....L. Guddal, 2162 Buena Vista Ave., Alameda.
Architect...Plans by Contractor.
Contractor...Conrad Roth
COST, \$1800

(296) NO. 2609 SANTA CLARA AVE., Alameda. One-story dwelling.

Owner....Louis Johnson, 1732 Ward, Berkeley
Architect...None.
Day's work. COST, \$2000

(328) E ST. CHARLES 600 S San Antonio Ave., Alameda. Two-story dwelling.

Owner....R. C. Ashley, 1807 Central Ave., Alameda.

Architect...W. C. Hayes, 725 Foxcroft Bldg., San Francisco.
Contractor...H. C. Andresen, 1229 Pearl Alameda.

COST, \$5500

(39) NO. 411 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....H. M. Pond, Alameda and Central Aves., Alameda.
Architect...Plans by Owner.
Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1950

(40) NO. 413 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....H. M. Pond, Alameda and Central Aves., Alameda.
Architect...Plans by Owner.
Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1950

(41) NO. 419 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....H. M. Pond, Alameda and Central Aves., Alameda.
Architect...Plans by Owner.
Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1950

(42) NO. 415 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....H. M. Pond, Alameda and Central Aves., Alameda.
Architect...Plans by Owner.
Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1950

(43) NO. 421 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....H. M. Pond, Alameda and Central Aves., Alameda.
Architect...Plans by Owner.
Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1950

(44) NO. 407 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....H. M. Pond, Alameda and Central Aves., Alameda.
Architect...Plans by Owner.
Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1950

(45) NO. 1725 BAY, Alameda. One-story dwelling.
Owner.....Geo. A. Lank, 1305 Buena Vista Ave., Alameda.
Architect...None.
Contractor...George Hohenschild, 1009 Eagle Ave., Alameda. COST, \$1400

(46) NO. 2257 POWELL, Alameda. One-story dwelling.
Owner.....Powell Bros. Constr. Co., 2708 Harrison, Alameda.
Designer...M. H. Fish, 1528 Court, Alameda.
Day's work. COST, \$2000

(47) NO. 2261 POWELL, Alameda. One-story dwelling.
Owner.....Powell Bros. Constr. Co., 2708 Harrison, Alameda.
Designer...M. H. Fish, 1528 Court, Alameda.
Day's work. COST, \$2000

(48) NO. 1319 BURBANK, Alameda. Two-story dwelling.
Owner.....V. N. Strang, 2015 13th Ave Oakland.
Architect...Plans by owner.
Day's work. COST, \$3500

(49) NO. 1357 PARK, Alameda. Store front.

Owner.....Fred Finch Orphanage, Fruitvale.
Architect...None.
Contractor...C. W. MacRae, 2315 Encinal Ave., Alameda. COST, \$500

(340) NO. 1122 UNION, Alameda. Garage.
Owner.....Mrs. R. Wangeman, Frem.
Architect...None.
Contractor...Leard & Gates, 2407 Santa Clara Ave., Alameda. COST, \$400

(341) FOURTH AND PACIFIC AVE., Alameda. Alterations.
Owner.....N. Clark & Son, Premises.
Architect...None.
Day's work. COST, \$2000

ABANDONMENT OF HOMESTEAD.

Feb. 8, 1913—E ST. CHARLES 225 S Lincoln Ave S 50 E 155.30 N 50 W 154.40, Ala. Temple and Priscilla J Watson.....

ABANDONMENT OF CONTRACT.

Jan. 31, 1913—E TELEGRAPH AVE 61.98 S Orchard S 32xE 100, Okd. R G and Augusta J Denney.....

COMPLETION NOTICES.

Alameda.

Feb. 1, 1913—E 25 FT. LOT 6 BLK F Newbury Tract, Bkly. Thomas H McGuire to Henry Ahnefeld.....

Feb. 1, 1913—LOT 13 BLK 19 Map Northbrae, Bkly. Patrick-Nelson Bldg. Co to whom it may concern.....

Feb. 1, 1913—W JAMES AVE 140 S Hudson 35x100, Okd. W S Young to whom it may concern.....

Feb. 3, 1913—LOT 9 BLK "A" Levison Tct, Bkly. Jesse Greenhood to W M Kitley.....

Feb. 3, 1913—LOT 57 BLK 1 Berkeley Heights, Bkly. James T Preston to F R Peake.....

Feb. 3, 1913—W LA LOMA AVE 70 N Cedar 42x75, Bkly. C B Crane to whom it may concern.....

Feb. 3, 1913—LOTS 34 AND 35 Map Redwood Park, Brooklyn Tp. Fritz Bertel to Nickolas Nittler.....

Feb. 3, 1913—S FIFTY-FOURTH 220 E Shattuck Ave E 40xS 104, Okd. G G Reed to whom it may concern.....

Feb. 4, 1913—W MANILA AVE 30 S Clifton S 340xW 100, Okd. O M Bullock to whom it may concern.....

Feb. 4, 1913—LOT 123 Map Higgins Tract, Bkly. L H Bullock to whom it may concern.....

Feb. 4, 1913—W 20 FT. LOT 46 AND E 15 ft. Lot 47, Lawton Ave Tct, Okd. Margaret McArthur to Chas McArthur.....

Feb. 5, 1913—N FIFTY-FIFTH 130 W Dover N 125xW 40, Okd. C J W Mahood to C J Salter.....

Feb. 5, 1913—LOT 15 BLK 3 Map Berkeley Square, Bkly. W E Powell to Cederborg & Anderson.....

Feb. 5, 1913—LOT 55 BLK 1 Berkeley Heights, Bkly. Minnie A Kleinsorge to H C Smith.....

Feb. 6, 1913—LOT 12 BLK "H" 4th Ave Terrace, Okd. P J Rowland Todd & Brain.....

Feb. 6, 1913—SE ADDISON & BONAR S 160xS 50, Bkly. American Photo Player Co to C Texdall.....

Feb. 6, 1913—NW FIFTH & HENRY 39x75, Ond. Mrs Carrie Fie to A V Brown (sublet to Phillips & Dutra).....

Feb. 6, 1913—PTN LOTS 1 AND 9 Blk "B" Northbrae Business Ppty W 19 1/2 Lot and S 14 Lot 9, Bkly. Joseph Hillburn to F R Peake.....

Feb. 6, 1913—LOT 14 Map A J Snyders Piedmont by the Lake, Okd. D O Dobson to C A Anderson and B G Larson.....

Feb. 6, 1913—E BROADWAY 237.75 S Amethyst S 209 E 360, Okd. King's Daughters of California Home for Incubables to D B Farquharson.....

Feb. 6, 1913—N NE COR MCGEE Ave and Derby E 120 W 42 1/2 W 50 S 35 W 70 S 7 1/2, Bkly. Inez R Brown to whom it may concern.....

Feb. 6, 1913—NE WICKSON AVE & Rand Ave NW along Wickson Ave 58.17 NE 60 SE 84.28 W 59.90, Okd. Charles E Quigley to whom it may concern.....

Feb. 7, 1913—N BANCROFT WAY 100 ft. 9 in. W Sacramento 35x126, Bkly Peake-Munro Co to J A Pinkerton.....

Feb. 7, 1913—W RAND AVE 60 NE Nickson Ave; No. 729 Rand Ave., Okd. Chas E Quigley to whom it may concern.....

Jan. 31, 1913

LIENS FILED

Alameda.

Feb. 1, 1913—LOT 11 Map Cunha & Walker Ppty, Brooklyn Tp. E K Wood Lumber Co vs B J Radcliffe.....

Feb. 4, 1913—LOT 7 BLK 30 Map Havenscourt, Okd. E K Wood Lumber Co vs Piedmont Heights Bldg Co and J V Matteson.....

Feb. 7, 1913—E RHODA AVE 550 S Madeline S 50xW 125, Okd. Sunset Lumber Co vs G Stackhouse and Wm H Bertsch.....

SAN JOSE & SANTA CLARA VALLEY

APARTMENT HOUSE—2 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, F. D. Wolfe, Bank of San Jose Bldg., San Jose. Owner, F. Mayhew. The building will be erected at the corner of 10th and Santa Clara streets, and is to be arranged for several two and three room suites with baths. The interior will be finished in pine and redwood. Some oak flooring will be used. All apartments will be equipped with wall beds. There will be a central heating system. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$6,000 San Jose, Santa Clara Co., Cal. Architect, F. D. Wolfe, Bank of San Jose Bldg., San Jose. Owner, Frank Fleming. The dwelling will contain eight rooms, baths and sleeping porch. There will be a central heating system and open fire places. Mantels will be of brick and tile. Interior finish will be of pine, redwood

and the hardwood. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—1 story and base, reinforced concrete, \$85,000. San Jose, Santa Clara Co., Cal. Architect, Norman E. Marsh, Broadway Central Bldg., 12 A. Owners, Hester School District. All bids received for the general construction and other parts of the work in connection with the construction of this building have been rejected. The total of the lowest figures received for the various parts of the work was far in excess of the amount available. Plans will be revised and new bids called for shortly.

Building Contracts.

SANTA CLARA COUNTY.

W NORTH-THIRTEENTH, bet Jackson and Taylor, San Jose. All work for one-story dwelling.

Owner.....M. Canella, San Jose.
Architect.....San Jose Drafting Co., 108 Ryland Bldg., San Jose.
Contractor.....J. Gohranson, San Jose.
Filed Jan. 27, '13. Dated Jan. 20, '13.
Contractor to receive 75% weekly of the wages and 75% of all approved bills. Remainder to be paid on completion of dwelling.

TOTAL COST, \$1800

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

SW COR. HOME AND GREGORY, San Jose. One and one-half-story barn.
Owner.....H. Tedescoro, Premises.
Architect.....None.
Day's work. **COST, \$400**

NO. 128 N-TENTH, San Jose. Underpin and repair residence.
Owner.....L. Rodgers, Premises.
Architect.....None.
Day's work. **COST, \$450**

W SIXTEENTH, 4th Lot S Jackson, San Jose. Six-room cottage.
Owner.....J. A. Weldon, 645 Ashbury, San Jose.
Architect.....None.
Day's work. **COST, \$2250**

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$30,000. St Helena, Napa Co., Cal. Architect, L. M. Turton, Napa. Owner, Fred S. Ewer. This house has been designed for a large country home and will include all of the latest improvements and conveniences. Besides the main living rooms there will be several baths and sleeping porches. Interior will be finished in pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. A central heating system will be installed. There will be a number of large open fire places with either brick in the bath rooms and kitchen. An automatic water heater will be used. Combination floors will be used in the bath rooms. The exterior of the house will be covered with cement plaster and stone. Plans are complete and figures are being taken.

ures are being taken. Plans can be seen at the architect's office or will be sent to responsible contractors on application if accompanied by a deposit.

Building Contracts.

MARIN COUNTY.

LOT 8 PICNIC AVE., San Rafael. All work for one-story frame cottage.

Owner.....E. E. Stebbens.
Architect.....None.
Contractor.....T. J. Mosley.
Filed Feb. 3, '13. Dated Jan. 18, '13.
Frame up 1/4
Plaster on 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1000

Bond, limit, forfeit, none. Plans and specifications, none

PTN. LOT 10 BLK 9, Tamalpais Land and Water Co., Mill Valley. All work for one and one-half-story frame dwelling.

Owner.....F. C. Herrick, Mill Valley.
Architect.....None.
Contractor.....Peter Johnson, Mill Valley.
Filed Jan. 25, '13. Date Jan. 7, '13.
Frame up\$586
Enclosed and ready for lathing..... 586
Completed and accepted..... 586
Usual 35 days..... 587
TOTAL COST, \$2345

Bond, none. Limit, April 1, '13. Forfeit, none. Plans and specifications filed.

LOT 13 BLK 10, Fairfax Manor, Fairfax. All work for one-story four-room and basement frame shingled bungalow.

Owner.....Mary Donovan and Nellie Wynne, San Francisco.
Architect.....None.
Contractor.....Watson Bros., San Anselmo.
Filed Feb. 4, '13. Dated Feb. 4, '13.
Frame up\$370.50
Brown coated 370.50
Completed and accepted..... 370.50
Usual 35 days..... 375.50
TOTAL COST, \$1482.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOTS 7 AND 12 BLK "W" on Palm Ave and near Walnut Ave, Larkspur, Cal. All work for two-story building.

Owner.....Henry Kahn, S. F.
Architect.....G. Albert Laansburgh, Gunst Bldg., S. F.
Contractor.....H. W. Arnold.
Filed Jan. 23, '13. Dated Jan. 22, '13.
Frame up\$1260
Roof on, building enclosed and plumbing and electric work..... 1260
Completed and accepted..... 1260
Usual 35 days..... 1265
TOTAL COST, \$5045

Bond, \$2523. Surety, Maryland Casualty Co. Limit, 60 days from recording. Forfeit, \$10. Plans and specifications filed.

Building Contracts.

CONTRA COSTA COUNTY.

POINT LEWIS near Martinez. All work for one tapering reinforced concrete chimney and foundation.

Owner.....The Mountain Copper Co., Martinez, California.
Architect.....None.
Contractor.....General Concrete Constr.

Co., Chicago, Illinois.
Filed Feb. 4, '13. Dated Feb. 1, '13.
All steel reinforcement shipped.....\$300
Chimney one-half total height..... 300
Completed and accepted..... 300
Usual 35 days..... 800
TOTAL COST, \$1200.00
Bond, \$10,000. Limit, forfeit, none
Plans and specifications filed.

TOWN OF ANTIOCH. All concrete carpenter, electric, plumbing, painting and plastering work for on story Class "C" building.

Owner.....L. Meyer & Co., Antioch.
Architect.....A. W. Cornelius, 625 Market, San Francisco.
Contractor.....G. H. Field & Co., Antioch
Filed Feb. 4, '13. Dated Feb. 1, '13.
Warehouse completed\$1299.
Roof on 1299.
Contract completed 1299.
Usual 35 days..... 1299.
TOTAL COST, \$5197.00

Bond, \$2598.50. Sureties, W. G. Turner and Henry Heidorn. Limit, 60 days Forfeit, \$5. Plans and specification filed

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 24 AND 24 BLK 30, City of Richmond. All work for two-story and basement building.

Owner.....Wm. W. and Edna B. Felch Richmond.
Architect.....J. B. Ogborn, Richmond.
Contractor.....Carl Overaa and C. Pedersen.
Filed Jan. 28, '13. Dated Jan. 28, '13.
Rough concrete completed.....\$127
Frame completed 127
Roof completed 127
Plastering completed 127
Building completed 127
Usual 35 days..... 212
TOTAL COST, \$830

Bond, \$1200. Surety, Ole Tobiasson Limit, 90 days. Forfeit, none. Plans and specifications filed.

Completion Notices.

MARIN COUNTY.

RECORDED **ACCEPTED**
Jan. 21, 1913—SAN RAFAEL. C A Miller to Collman & Colman.....
.....Jan. 14, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

FLATS—2 story and base, frame \$6,000. Lodi, San Joaquin Co. Cal. Architect, Walter King, Elks' Bldg. Stockton. Owner, Miss Anna Brack. The building will be arranged for four small flats of four rooms each with bath. Interior finish will be of pine and redwood. Oak floors will be used in the principal rooms. Tile will be used in the bath rooms and kitchen. The exterior of the building will be covered with rustic. Plans are now being prepared.

STATE HIGHWAY WORK—Cost no stated. Mendocino Co., Cal. Engineer, State Department of Engineering Sacramento. Owners, State of California. At the last meeting of the State Highway Commission held in Sacramento it was voted to call for bids for the construction of two more strips of highway. These will be built in Mendocino County and Los Angeles, th

between Encino and Calabasas in Los Angeles County, a distance of 163 miles, and the other between Utah and Forsythe Creek in Mendocino County, a distance of 7.6 miles. Bids received for the construction of the highway between Lindo and the county line in Butte County have been rejected. The engineer's estimate for a stretch of road was \$52,632, and the lowest figure received was \$60,632. Six bids will be called for shortly. A contract has been awarded to Franklin & Beuchtel for the road work between Willetts & Ridgewood in Mendocino County for \$29,987.

Contracts Awarded.

JOHN HALL—Alteration of 2 story brick building into 3 story structure. Contractor, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, San Joaquin Investment Co. Contractor, T. D. Lewis, 514 San Joaquin street, Stockton. Contract price not stated. Note: This work has been taken on the percentage basis.

Building Contracts.

SACRAMENTO COUNTY.

FIFTH AND J LOT 8, I, J, 5TH & 6th Sts., Sacramento. Electric wiring for five-story and basemene Class "C" brick building.

Owner.....Young Mens' Christian Association.

Architect.....E. C. Hemmings, 1005 K St., Sacramento.

Contractor.....Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor.....A. E. Brooke Ridley, Humboldt Bank Bldg., S. F.

Filed Feb. 4, '13. Dated Dec. 24, '12. COST, \$2690

RICHARD near Courtland (Sutter Island). Seven-room frame dwlg.

Owner.....D. H. Osborn.

Architect.....None.

Contractor.....Sacramento Home Bldrs.

Filed Feb. 5, '13. Dated Feb. 3, '13. COST, \$4524

W COR FIFTH AND J STS. Sacramento. Ice plant for Travelers' Hotel.

Owner.....Marsh Investment Co.

Architect.....Cuff & Disgs, Elks' Bldg., Sacramento.

Contractor.....Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor.....Vulcan Iron Works, Francisco & Kearny, S. F.

Filed Jan. 31, '13. Dated Jan. 29, '13. COST, \$3200

JEFFERY SHOPS, Sacramento. Asphalt roof on blacksmith shop.

Owner.....Western Pacific Railway Company.

Contractor.....Malott, Peterson & Adams.

Filed Jan. 31, '13. Dated Jan. 24, '13. COST, \$450

S 1/4 OF 5, P, Q, 7TH AND 8TH STS., Sacramento. All work except painting and plumbing for two-story building (8 flats).

Owner.....Ben Leonard Co.

Architect.....A. Willoner.

Contractor.....Wm. M. Kennedy.

Filed Feb. 3, '13. Dated Jan. 27, '13. COST, \$8593

PAINTING ON ABOVE.

Contractor.....Chester King.

Filed Feb. 3, '13. Dated Jan. 27, '13. COST, \$735

PLUMBING ON ABOVE.

Contractor.....Latourette-Fical Co., 3431 Sacramento Ave., Sacramento.

Filed Feb. 3, '13. Dated Jan. 27, '13. COST, \$1343.50

Building Contracts.

SAN JOAQUIN COUNTY.

EAST AND POPLAR, Stockton. All work for two-story brick building, stores and apartments.

Owner.....E. Garibaldi & B. Boclocco.

Architect.....Walter King, 309 Elks' Bldg., Stockton.

Contractor.....Charles Rose, 218 S-American, Stockton.

Filed Jan. 30, '13. Dated Jan. 28, '13.

1st story joists on.....\$1000

All iron work set.....2000

Brick work completed, roof on.....2000

Plastering completed.....1000

Building accepted.....2500

TOTAL COST, \$5600

Bond, \$4300. Sureties, R. C. Brandt and Wm. Armano. Limit, 100 days.

Forfeit, \$5. Plans and specifications filed.

BEYOND EAST ON SONORA, Lot 8 Blk 5, Jensen's Addition, Stockton.

All work for concrete pit at Co's. water works.

Owner.....Pacific Gas. & Electric Co., Sutter and Weber Aves., Stockton.

Engineer.....John Britton.

Contractor.....John R. Cahili.

Filed Feb. 3, '13. Dated Feb. 2, '13.

Completion of excavation.....\$4000 00

Completion of contract.....5307 53

Usual 35 days.....3102 50

TOTAL COST, \$12,410 00

Bond \$6250. Surety, Globe Indemnity Co. Limit, 100 days. Forfeit, \$50.

Plans and specifications filed.

LOT 10 BLK 7 SURVEY 2999, Stockton. Frame building.

Owner.....John Moore, Office S-California St., Stockton.

Architect.....None.

Contractor.....John Moore.

COST, \$2900

LOT 2 BLK "K" 11 E. Stockton. Remodel brick building.

Owner.....Yigney Estate.

Architect.....None.

Day's work.....COST, \$600

LOT 2, BLK 48 E. Stockton. Remodel frame building.

Owner.....John Gallegari.

Architect.....None.

Day's work.....COST, \$1300

S 50 LOT 12 BLK 186 E. Stockton. Two-story brick building.

Owner.....E. Garibaldi.

Architect.....None.

Day's work.....COST, \$8600

LOTS 10 AND 11 BLK 243 E. Stockton. Raise and remodel frame building.

Owner.....G. E. Davis, 32 S-Pilgrim, Stockton.

Architect.....None.

Day's work.....COST, \$1000

LOTS 3 AND 5 BLK 16 S M C. Stockton. Five-room bungalow.

Owner.....H. L. Johnson, 131 E-Flora, Stockton.

Architect.....None.

Day's work.....COST, \$2200

LOT 7 BLK 53 E. Stockton. Frame building.

Owner.....H. F. Knutney.

Architect.....None.

Day's work.....COST, \$1500

LOT 3 BLK 53 E. Stockton. Frame bldg.

Owner.....Mrs. L. Mollenhauer.

Architect.....None.

Day's work.....COST, \$1500

Owner.....H. L. Johnson, 131 E-Flora, Stockton.

Architect.....None.

Day's work.....COST, \$2200

LOT 7 BLK 53 E. Stockton. Frame building.

Owner.....H. F. Knutney.

Architect.....None.

Day's work.....COST, \$1500

LOT 3 BLK 53 E. Stockton. Frame bldg.

Owner.....Mrs. L. Mollenhauer.

Architect.....None.

Day's work.....COST, \$1500

Completion Notices.

SACRAMENTO COUNTY.

RECORDED **ACCEPTED**

Feb. 4, 1913—ELEVENTH AND KAY Sts., Sacramento. B Prommer to

Murcell & Haley.....Jan. 30, 1913

Jan. 31, 1913—NW NINTH & J STS., Sacramento. A J Pommer to Mur-

cell & Haley.....Jan. 30, 1913

Liens Filed.

SACRAMENTO COUNTY.

RECORDED **AMOUNT**

Jan. 31, 1913—E 23 FT. OF S 1/2 OF 59, J. K, 9th and 10th Sts. Sacra-

mento. W P Fuller vs Julia Cron-

an, Ancil Hoffman.....\$32.55

Feb. 1, 1913—E 23 OF S 1/2 OF 5, J. K, 9th and 10th Sts. Sacramento. Oak

Park Lumber & Milling Co vs

Robert R Ferrel.....\$58.10

Release of Liens.

SACRAMENTO COUNTY.

RECORDED **AMOUNT**

Feb. 5, 1913—JAY No. 3401, Sacra-

mento. Capital Paint Co to Louis

Trehline and Wm Lindsay.....\$23.30

Feb. 6, 1913—N 25 OF S 1/4 OF 14, 10, 6, East. R O Kimbrough to Mrs

M M Foy.....\$24.10

Feb. 6, 1913—E 23 FT. OF S 1/2 OF 5, J. K, 9th and 10th Sts., Sacramento.

W P Fuller & Co to Julia Cron-

an, Ancil Hoffman and W M Kennedy

.....\$32.55

Feb. 4, 1913—W 1/2 OF E 1/4 OF 1, M, N, 2, 3 and W 1/2 of N 1/2 and S 1/2 of W 1/4 of 2, M, N, 2nd, and 3rd Sts., Sacramento. Waxson Bros, \$598.93;

Fred Nold, \$715; Friend & Terry

Lumber Co, \$1858.08 to S. Mayes, Imperial Hall Co et al.....

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH 2 story, frame 3:1 concrete. Cost not stated. Modesto, Stanislaus Co., Cal. Architect, Juan J. Foley, Monadnock Bldg., S. F. Owners, Roman Catholic Church of Modesto.

The building is to be designed in the Spanish Mission style with the exterior covered with cement plaster on

metal lath. Interior will be finished in pine with some ornamental plaster work. There will be seats for

about 500 people. A red tile roof is to be used. Plans have just been ordered, and it will be some time before

working drawings are complete. Further notice will then be given in these

columns.

CHURCH—Frame of steel construction, \$15,000 to \$20,000. Bakersfield, Kern Co. Cal. Architect not selected. Owners, Congregational Church of Bakersfield. The Building Committee of the First Congregational Church is considering plans for the construction of a new edifice. C. A. Barlow is the chairman of the committee, and will submit a report to the main body within a few days. Further notes of the work will be given in these columns.

BANK—2 story and base, reinforced concrete, \$15,000. Riverbank, Stanislaus Co. Cal. Architects, Starbuck & Clarke, Fresno. Owners, Riverbank Land and Water Co. The building is to cover an area of 50x90 feet. The entire first floor will be occupied by the banking offices, public room and work space. Second floor is to be arranged for a number of modern offices. Interior finish will be of pine and hardwoods. Considerable marble and tile will be used. Special bank fixtures and vaults will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LODGE HALL—3 story and base, brick, \$20,000. Taft, Kern Co., Cal. Architect, J. M. Saffel, Plisk Bldg., Bakersfield. Owners, Odd Fellows Building Association. The building will cover an area of 50x125 feet. The first floor is to be arranged for stores and the upper two floors for lodge rooms, banquet hall and offices. Interior finish will be of pine and hardwood. There will be a central heating system. The exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared and figures will be called for within the next week or ten days.

IRRIGATION WORK, PUMPING PLANTS, ETC.—\$75,000. Modesto, Stanislaus Co., Cal. Engineer's name not given. Owner, R. F. Ball, Modesto. Mr. Ball will spend in the neighborhood of \$75,000 in the construction of pumping plants and irrigation ditches on the George Vivian Ranch. The ranch is a 1500 acre tract.

STREET PAVING, ETC.—Cost not stated. Kingsburg, Fresno Co., Cal. Engineer, City Engineer, Kingsburg. Owners, City of Kingsburg. The trustees have ordered the macadamizing and oiling of about three miles of streets. A contract for the work will be let in about three weeks. Full particulars can be secured from the City Clerk.

Contracts Awarded.

STORES AND OFFICES—10 story and base. Class A construction, \$300,000. Fresno, Fresno Co., Cal. Architect, George William Kellham, Crocker Bldg., S. F. Owners, Fresno Estate Co. Contractors, Lindgren & Co., Monadnock Bldg., S. F. Contract price, \$300,000. Note: This contract calls for only the general construction and a number of special parts of the work will be contracted for separately.

APARTMENT HOUSE—3 story and base, brick, \$20,000. Merced, Merced Co., Cal. Architect's name not given. Owner, H. J. Hinds, Contractor, A. Rabines, Merced. Contract price, \$20,000. Note: This building will contain 26 suites with private baths and wall beds. Plans include steam heat,

Liens Filed.

FRESNO COUNTY.

RECORDED AMOUNT
Feb. 7, 1913—LOTS 1, 2 BIK 1, Van Ness Park, Fresno. Fresno Lumber Co vs Geo Koehler.....\$1634

LOS ANGELES AND SOUTHERN CALIFORNIA.

CHURCH—2 story and base, frame, \$30,000. Santa Ana, Orange Co., Cal. Architect not selected. Owners, First Baptist Church of Santa Ana. The church directors are considering plans for the construction of a new building. Rev. Otto S. Russell is the pastor. An architect has not yet been selected.

CHURCH—2 story and base. Class A construction, \$190,000. San Diego, Cal. Architect's name not given. Owners, First Presbyterian Church. A campaign has been started to raise the balance of the fund for construction and work will be started shortly. The new church is to be erected at the corner of 3rd and Date streets. Some part of the work has been completed, but to finish the church \$190,000 will be required.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, George F. Costerlan and J. F. Cavanaugh, associated, California Bldg., L. A. Owners, Lawyer and Thomas. The building will be erected on a corner and will cover an area of 50x112 feet. Interior has been arranged for 67 rooms, which will be divided into two and three room suites with wall beds and private bath rooms. Interior finish will be of pine throughout. Plans provide for steam heat, automatic electric elevator and a vacuum cleaning system. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Elmore R. Jeffery, Citizens' National Bank, L. A. Owner, Mrs. Ella Barker. The building will cover a ground area of 105x79 feet and has been arranged to contain 85 guest rooms which will be divided into two and three room suites. All apartments will have wall beds and private baths. Interior finish will be of pine. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. Entrance will be finished in marble and tile. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

PIER—Reinforced concrete construction, \$70,000. Huntington Park, Los Angeles Co., Cal. Engineer Ernest Rothenberg, 1257 West 12th St., Room 11 D. L. A. Owners, City of Huntington Park. Plans and specifications prepared by Engineer Rothenberg have been approved by the City Council and bids will be called for shortly. The structure will be of reinforced concrete except the deck which is to be of wood. Bonds in the sum of \$70,000 have been sold.

CHURCH—1 story and base, frame. Cost not stated. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A.

Owners, First Church of Christ, Scientist. The building will contain a main auditorium seating 200 people, rearer's room and Sunday school room. Interior will be finished in pine. The exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Mrs. Marie Hammel. The building will have a frontage of 50 feet and a depth of 135 feet. There will be a concrete floor, metal window sash and frame and special gasoline storage tanks. The front portion of the building will be used as a salesroom and will be finished in hardwoods at tile. Tile floor will be used and special fixtures. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

GARAGE—1 story and base, brick and concrete, \$30,000. Los Angeles, Cal. Architect, none. Owner, P. Engstrom, 5th and Seaton Sts., L. A. The building will cover an area of 50x237 feet, and has been designed for a commercial garage. The front portion of the building will be arranged for salesrooms and will be finished in mahogany and tile. Tile floor will be used. The rear portion of the building will be used as a repair shop, storage space and machine shop. Special storage tanks will be used. The exterior of the building will be faced with pressed brick. Plans are complete and the owner will do the work by Day Labor.

HOSPITAL—2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, George Lov County Building, Los Angeles. Owners, Los Angeles County. The following bids were received at the last meeting of the Board of Supervisors for this work:

F. O. Engstrom Co., \$49,647; deduct \$1250 if composition roofing is substituted for slate; deduct \$1615 if 31 feet of west wing is omitted; deduct \$630 if painting is omitted.

Willard-Slater Co., \$48,500; deduct \$2400 if composition roofing is used instead of slate; deduct \$3800 if painting is omitted.

J. F. Atkinson, \$50,500; deduct \$1100 if composition roofing is substituted for slate; deduct \$4500 if painting is omitted; deduct \$3200 if 31 feet of west wing is omitted.

The following bids were received for the plumbing: W. D. Newell, \$586 complete; deduct \$2350 if fixtures are omitted; Howe Bros., \$7181 complete; deduct \$2346 for roughing-in only; Thos. Harty Co., \$7100, deduct \$4100 if fixtures are omitted; Lohman Bros., \$6998 complete, \$2416 for roughing-in only; L. M. Parker, \$8000 complete, deduct \$1500 if fixtures are omitted.

HOTEL—8 story and base. Class construction. Cost not stated. Los Angeles, Cal. Architects, Parkinson Bergstrom, Security Bldg., L. A. Owner, Clarence Brown. This building is to be erected at the southeast corner of Wilshire Boulevard and Carondelet street. Only preliminary plans have been prepared and details of construction have not been settled. The sketches show 250 guest rooms, all of which will have private baths. Construction is to be practically fireproof. Full details will be given as the plan progresses.

HOTEL—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, L. E. Featherstonhaugh, Ferguson Bldg., L. A. Owner, Joseph C. Call. The building will cover an area of 60x165 feet, and has been arranged for 90 guest rooms, 21 of which will have private baths. Interior trim will be of pine, redwood and elm. Composition floors will be used in the kitchen. Office and lobby will be finished in oak and ornamental plaster. There will be steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—4 story and base, brick and steel, \$50,000. Venice, Los Angeles, Cal. Architect, W. S. Garrett, Carrier Bldg., L. A. Owner, Albert H. Each. The building will cover an area of 81x90 feet, and has been arranged to contain a total of 81 guest rooms and 15 baths. Interior finish will be of pine, redwood and some hardwood. Bath rooms will have composition floors. There will be steam heat, elevators and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LIBRARY—1 story and base, brick, \$5,000. Alhambra, Los Angeles, Cal. Architect, Frederick L. Roehrig, American Bank Bldg., Alhambra. Owners, City of Alhambra. The building, which is to be classic in design, will cover a ground area of 90x100 feet. There will be, in addition to the usual library rooms, ladies' and gentlemen's club rooms, auditorium, open air reading rooms and children's departments. Interior will be finished in pine, redwood and hardwood. Metal shelving will be used. There will be a central heating system. The exterior of the building will be faced with cement plaster. Roof will be of metal tile. Plans are being prepared and figures will be called for shortly. Besides the library a bond issue of \$172,000 provides for several other buildings which are to be erected in a civic center.

SCHOOL—1 story and base, brick, \$25,000. El Modena, Orange Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, El Modena School District. The building will cover a ground area of 102x106 feet, and will contain six class rooms besides an auditorium with a seating capacity of 350 people. Interior finish will be of pine and maple. Maple floors will be used throughout. There will be a central heating system. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL—1 story and base, brick, \$35,000. Phoenix, Ariz. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owner, City of Phoenix. The building will contain six class rooms, principal's room, teachers' rooms and assembly hall seating 350 people. Interior finish will be of pine throughout. There will be a central heating system and a modern system of ventilation. Program clocks and a vacuum cleaning system are also called for in the specifications. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be taken at once.

SEWER SYSTEM AND SEPTIC TANK—Cost not stated. Elsinore, Riverside Co., Cal. Engineer, Frank A. Lathrop, Higgins Bldg., L. A. Own-

er, City of Elsinore. Plans have been approved for this work and bids will be opened by the City Trustees on February 24th. The work will comprise the following: 13,590 feet 6-inch pipe, 6,950 feet 8-inch pipe, 440 feet 10-inch pipe, 660 feet 12-inch, 880 feet 14-inch, 5,470 feet 8-inch pressure pipe, 30 flush tanks, 48 manholes, and septic tank. A check for 10% must accompany all bids. C. P. Carter is City Clerk.

SEWER AND STREET WORK—Cost not stated. Santa Monica, Los Angeles Co., Cal. Engineers, Knapp & Woodward, Consolidated Realty Bldg., L. A. Owner, King C. Gillette. This work will be done on San Vicente Boulevard. The following approximate quantities are to be used: 132,000 cubic yards of grading, 873,000 square feet old macadam paving, 56,600 feet cement curbs, 297,800 square feet cement sidewalks, 125 feet concrete storm sewer, 1705 lineal feet 30-inch corrugated iron sewer, 18,700 lineal feet 8-inch sewer, 19,700 feet 4-inch water mains, 19,700 feet 2-inch gas mains. Bids are to be taken at once.

LOFTS—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, W. S. Garrett, Carrier Bldg., L. A. Owner, H. O. Vogel. The building will be 61x144 feet. Interior will be finished in pine. There will be metal window frames and sash. Elevator service and steam heat will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared. The building has been leased for a long term to Sanborn, Vail & Co.

STORES AND OFFICES—8 story and base. Class A construction, \$350,000. San Diego, Cal. Architects, MacGibbon-Frery Co., Los Angeles Investment Bldg., L. A. Owner, George E. Hart. The building is to be erected at the corner of 8th and D streets, and will cover an area of 50x150 feet. The first floor will be arranged for stores and the upper floors for 296 offices especially equipped for physicians, dentists and other professional men. Construction will be of reinforced concrete throughout. Interior will be finished in metal trim and hardwoods. There will be steam heat, elevator service and all other modern improvements. The exterior of the building will be faced with white glazed terra cotta. Plans will be out for figures in a couple of weeks.

Contracts Awarded.

BANK AND OFFICES—2 story and base, brick and concrete, \$17,000. Owensmouth, Cal. Architects, Ye Planny Building Co., Title Insurance Bldg., L. A. Owners, Los Angeles Suburban Homes Company, Trust and Savings Bank, L. A. Contractors, Ye Planny Building Co., Title Insurance Bldg., L. A. Contract price, \$17,000.

PORTLAND AND OREGON.

WAREHOUSE—2 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, Whitehouse & Ponilhouse, Wilcox Bldg., Portland. Owners, Pacific Bridge Co. A site has been secured at the corner of Salmon and Water streets, and a building 60x100 feet is to be erected as soon as plans can be completed. The plans will provide for foundations and walls of sufficient strength to carry several additional stories. Construction will

be fire proof with concrete floors and roof slabs. Fireproof doors and metal window sash and frames are specified. The exterior of the building will be covered with cement plaster. Plans are being prepared.

FACTORY—5 story and base, brick. Cost not stated. South Portland, Ore. Architect, C. H. Bristol, Portland. Owners, Carnan Manufacturing Co. This is the second notice given to the Carnan Company's project, which is to establish the largest furniture manufacturing plant on the coast. Plans have been completed for the first building to be erected, which will be a two-story mill constructed addition to the present factory, and will cover an area of 80x30 feet. This work will be done by Day Labor. Following this construction will come the five-story building, which will probably be erected this year. A large reinforced concrete retaining wall and a large fill will be undertaken later.

FACTORY—1 story and base, reinforced concrete, \$150,000. Portland, Ore. Architect, John Graham, Lyon Bldg., Seattle, associated with Architects Doyle, Patterson & Beach, Portland. Owners, Ford Motor Car Co. It is stated that Alexander Pearson, New York Bldg., Seattle, is low man on this work, and he is now in Portland negotiating with the associate architects. The estimated cost of the building was placed at \$150,000.

RESIDENCE—2 story and base, frame. Cost not stated. Portland, Ore. Architects, Johnson & Mayer, Portland. Owner, Dr. A. E. Rockey. The dwelling has been designed for a sixteen-room house with every modern convenience. Interior finish will be of pine and hardwoods. There will be a hot water heating system, automatic water heater, open fire places and a vacuum cleaning system. Hardwood floors will be used throughout. Mantels will be of brick. Bath room will be finished in tile with composition floors. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—1 story and base, brick. Cost not stated. Aurora, Ore. Architect, N. C. Gannett, Chamber of Commerce Bldg., Aurora. Owners, Aurora School District. The building will contain four class rooms, assembly hall and principal's office. Interior finish will be of pine. Maple floors will be used throughout. A steam heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on February 17th. Plans can be secured from either the architect or Louis Weibert, Clerk of the Board of Education.

MUNICIPAL LIGHTING PLANT—Cost not stated. Albany, Ore. Engineer, Lewis C. Kelsey, Portland. Owners, City of Albany. Mr. Kelsey has been retained to prepare plans for this work, and his preliminary sketches now complete, show a steam plant supplying gas cluster lights. A bond election will have to be held to secure funds for the construction. Mr. Kelsey has worked out the details of a plan for supplying a number of towns in the Willamette Valley with water from Clear Lake, and the plan is meeting with general approval.

ADDITIONAL WATER MAINS—Cost not stated. 30 inches each. Cost not stated.

ed. Potllood, *City Engineer*, *City Engineer*. To third Owners, *City of*. To third. Two new water mains have been ordered by the City Water Board, one will reinforce the East Side High Gravity system and will extend from Mt. Taft to reservoirs to Fremont street, and the other will reinforce the Low Gravity system, and will extend from the reservoirs to East 25th and Clinton streets. Both mains will be 30 inches in diameter. Pipe will be ordered from the foundry at once.

STORIES—2 buildings, 1 and 2 story brick. Cost not stated. Vancouver, Wash. Architect, D. L. Williams, Portland. Owner, Eugene Blazier. One of the buildings will be 50x80 feet and two stories high, and the other one story 50x100 feet. Plans are being prepared, but figures will not be called for at least a month.

Contracts Awarded.

APARTMENT HOUSE—2 story and base, brick, \$30,000. Portland, Ore. Architect, none. Owner's name not given. Contractors, P. E. Bowman & Co., 22nd and Brazil Sts., Portland. Contract price, \$27,000. Note: The building will cover an area of 190x65 feet. Construction has not yet been started.

STORES AND OFFICES—4 story and base, brick and steel, \$80,000. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owners, Metschiner Building Co. Contractors, J. S. Winters & Co., Portland. Contract price, \$80,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$175,000. Seattle, Wash. Architect, W. P. White, Walker Bldg., Seattle. Owner, B. M. Fouts. This building will be erected at the northeast corner of 16th and Madison streets, and is to be arranged for 25 large suites of from five to eight rooms and bath each. All modern conveniences will be installed including wall beds, elevator service, vacuum cleaning system and steam heat. Interiors will be specially finished for the owners and will include much hardwood and marble and tile. Besides the 25 suites there will be a large office, lobby, reception rooms and parlors. The roof will be arranged for a roof garden. The exterior of the building will be faced with white glazed terra cotta. Plans are complete and figures will be called for within a day or two.

APARTMENT HOUSE—5 story and base, brick and concrete, \$50,000. Vancouver, B. C. Architects, Stuart & White, Metropolitan Bldg., Vancouver. Owner, H. S. Rowling. The building will be 50x77 feet and has been arranged for a number of two and three

room suites, all of which will be equipped with wall beds and connecting baths. Plans include steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine and redwood. The exterior of the building will be faced with cement plaster and pressed brick. Plans have been filed for a permit and construction will be started at once.

APARTMENT HOUSE—6 story and base, concrete and brick, \$160,000. Vancouver, B. C. Architect, W. T. Whiteway, Molson's Bank Bldg., Vancouver. Owner, Harry Ifume. The building is to be erected on a corner site. Details of the construction have not been obtained. Plans are still in a preliminary state, and it will be some months before construction can be started. Further announcement will be made in these columns.

APARTMENT HOUSE—3 story and base, brick and concrete, \$45,000. Wenatchee, Wash. Architect's name withheld. Owner, T. E. Young, Haight Bldg., Seattle. Mr. Young is a well known Seattle contractor, and has had plans prepared for a building 80x145 feet. Interior will be arranged for 30 or 40 suites of two and three rooms each. There will be steam heat and a vacuum cleaning system. Interior will be finished in pine with some hardwoods. Bath rooms will be finished in tile and will have composition floors. Wall beds are to be used throughout. The exterior of the building will be faced with pressed brick. Work will be done by Day Labor. Plans are not as yet complete.

SYNAGOGUE—2 story and base, reinforced concrete, \$40,000. Seattle, Wash. Architect, B. Marcus Pretica, Empire Bldg., Seattle. Owners, Yesler Avenue Synagogue. This building has been mentioned here a number of times before. Plans have been completed and turned over to the Building Committee, who are now taking figures on the work. Foundations are already in, and the work now being figured is for completing the construction.

COURT HOUSE—2 story and base, brick and concrete. Cost not stated. Chinook, Mont. Architect, George Stanley, Great Falls, Mont. Owners, Blaine County. Plans for this building are complete and figures are being taken. Bids will be opened on February 20th. Plans and specifications can be secured from the architect or from Vernon Butler, County Clerk.

COURT HOUSE ADDITION—3 story and base. Class A construction. Cost not stated. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. The commissioners have decided to proceed at once with the construction

of a part of the proposed court house and have instructed the architect to complete what revision of plans and specifications is necessary. The whole project involves \$250,000. Bids will be called for shortly.

WAREHOUSE—4 story and base, reinforced concrete, \$60,000. Seattle, Wash. Engineers, Weld & Thomas, Hoge Bldg., Seattle. Owners, Sylvester Bros. The building will cover an area of 90x145 feet and has been designed for a modern fireproof warehouse. There will be concrete floors, metal window frames and sash and fireproof doors. Freight elevators and an automatic sprinkler system will be installed. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

WAREHOUSE—3 story and base, reinforced concrete, \$30,000. Victoria, B. C. Architect, M. S. Farwell, Victoria. Owners, Scott and Peden. The building has been designed for a flour and feed warehouse. Construction will include metal window frames and sash. The exterior will be faced with cement plaster. Some special machinery will be required, which is not to be included in the general contract. Plans are complete and figures are being taken.

HOTEL—12 story and base. Class A construction, \$1,000,000. Spokane, Wash. Architect's name not given. Owners, Davenport Hotel Co. A report originating in Portland states that the Brayton Engineering Co., Lumbermen's Bldg., Portland, has been awarded the contract for the construction of this building. The report cannot be verified at this time.

COLLEGE BUILDING—3 story and base, brick and steel, \$55,000. Lacey, Wash. Architect, C. Frank Mahon, Savage-Scoffield Bldg., Tacoma. Owners, St. Martin's College. This building will be the first unit of a \$250,000 project which is to be erected at St. Martin's College. Interior finish will be of pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on February 23rd. Plans can be secured from the architect.

RAILROAD CONSTRUCTION—\$75,000. Seattle, Wash. Engineer, Engineering Dept. Puget Sound Traction, Light and Power Co., Seattle. Owners, Puget Sound Traction, Light and Power Co. A permit has been granted to the above mentioned company to construct a second track on Meridian avenue from North 16th street to 58th street. The work has been estimated to cost \$75,000.

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BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

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Industrial News of Alameda Co.

Builder and Contractor.

Western Builder.

THIS WEEK'S ILLUSTRATIONS:

New Church Edifice for the Evangelical
Lutheran Church of Sacramento. Designed
by Architect Lawrence B. Valk of Los
Angeles.

Six Apartment Flats on Greenwich near
Buchanan, San Francisco. Designed by
Architect William A. Newman of San
Francisco for Adolph Spandau.

TUESDAY, FEBRUARY 18, 1913.

SAN FRANCISCO AND OAKLAND,

CALIFORNIA

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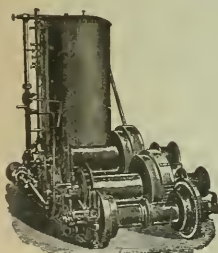
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Editorial Comment.

Building operations for the past month seem to show a normal increase in business over the same month last year that naturally goes with a growing population. Reports from some fifty different cities representing building centers throughout the country made to the American Contractor show an aggregate gain of 12 per cent for January 1913 over the same month in 1912. Thirty-six of the cities listed show a gain while fourteen registered a decline for the first month of the year. Among those that showed a loss were New York City with a decrease of about three million. This however, was more than offset by Chicago which registered a gain of about five million. Totals are shown in the following table:

	January 1913	January 1912
City	Cost	Cost
Akron	\$ 208,230	\$ 121,450
Atlanta	395,005	294,295
Baltimore	635,670	460,166
Birmingham	362,626	243,277
Buffalo	478,000	427,000
Cedar Rapids	143,000	50,000
Chattanooga	108,725	48,895
Chicago	7,041,600	1,999,300
Cleveland	704,740	528,107
Columbus	208,335	99,930
Denver	181,600	327,650
Detroit	2,028,605	602,285
Duluth	68,675	76,225
Grand Rapids	81,625	78,885
Harrisburg	54,475	36,675
Hartford	191,750	157,185
Kansas City	569,405	426,851
Los Angeles	2,078,736	2,456,872
Louisville	217,250	197,570
Manchester	48,405	20,185
Milwaukee	441,211	97,630
Minneapolis	319,575	264,355
Nashville	100,457	33,698
Newark	1,340,339	589,401
New Haven	612,218	391,183
New Orleans	237,842	288,685

Manhattan	4,740,786	6,947,250
Brooklyn	3,213,091	2,057,947
Bronx	1,716,088	3,442,754
New York	9,669,965	12,447,951
Norfolk	159,064	349,330
Oakland	586,288	326,712
Omaha	160,725	134,850
Patereson	93,148	99,143
Philadelphia	1,556,740	1,250,220
Pittsburgh	385,488	256,359
Portland	1,126,345	906,623
Rochester	445,131	255,629
St. Joseph	25,095	10,150
St. Louis	616,869	3,418,032
Salt Lake City.....	155,414	235,050
San Francisco	2,061,001	1,870,617
Seranton	186,278	60,660
Seattle	569,775	771,810
Shreveport	74,133	104,687
Spokane	25,730	83,438
Toledo	374,906	114,435

Washington	707,262	757,954
Wilkes-Barre	82,329	41,670
Worcester	159,222	131,440

Total

It will be noticed that San Francisco, Portland and Oakland show a gain. The record of Los Angeles is practically the same as last year, while Seattle, Salt Lake City and Spokane show a loss for the month. On the whole the building business seems to be about normal throughout the country no great change being effected anywhere but a healthy growth indicated by the general average.

The Pacific Telephone and Tele-
graph Company is addressing a cir-
cular letter to all subscribers calling
attention to a contract that is being
circulated by the Telephone Users As-
sociation relative to a reduction in
rates and calling attention to the
clause relative to the impounding of
money in case of reduced rates.

Among other things the Telephone
Company states that it asks no favors;
that it does expect fair play, and that
this attempt to deprive it of legiti-
mate earnings without an opportunity
to be heard, must appeal to the citi-
zen's sense of justice as un-American,
vicious in practice and unworthy of
consideration.

It might be asked how the Tele-
phone Company explains the transfer
of the Home Company's property in
absolute and open violation of the will
of the people expressed in two elec-
tions and in the written terms of its
contract and its franchise. Was this
a "favor," is it "fair dealing," and is
it "American?" Did civic pride and a
sense of justice prompt the Telephone
Company to come to the rescue of the
people and aid in the prosecution of
graffers or was the company an active
bribe giver?

The clause in the contract relative
to the assignment of one-half the
reduced rates of the money impounded
may be all that the Telephone Com-
pany says it is. So far as assigning
one-half the reduction of rates for a
year everyone would be glad to do it.
And many would be glad even to give
one-half the reduction for a period of
time rather than to get no reduction
at all. They would just as soon pay
the money to one grafter as another,
maybe more so by way of a change.

It is in axiom of equity that he who
seeks justice must come into court
with clean hands. The Telephone Com-
pany puts over the kind of a deal that
can be imagined and then it comes to
the people asking justice when the
initiative is invoked. Had there been
more aggressive action by the Board
of Supervisors to prevent the merger,
or if their action had indicated a de-
sire to champion the people in the
matter there would be no call for an
initiative proceeding. As it is the

Telephone Users Association has all the best of the argument when they go to the people and if they can make out a good case they will undoubtedly get a large number of contracts.

Senator Bourne, of the Federal Highway Commission, has addressed a letter to people interested in the subject of roadways to get an expression of opinion how best federal aid can be extended to road building throughout the country. The committee is seeking light on the "Builder" have any ideas on this important subject we would be pleased to get their expression of opinion. The committee is seeking light on the subject and any suggestion will no doubt receive serious consideration. Road building is one of the most important affairs. Too often money is squandered to little practical benefit.

Here is a state of things where federal aid is to be extended and the Committee want to find out the best possible way to secure results.

Congress has evidently failed to pass the appropriation for a government exhibit at the Panama Exhibition. The bill providing for the appropriation of two million dollars for the purpose provided for seven commissioners, each to receive a salary of \$7500 a year, each to be paid for out of the exposition treasury. It was this feature of the bill that many congressmen opposed and it was this provision that Congressman Kent wished to eliminate.

The Chronicle in Wednesday's issue stated in large headlines that Kent's opposition was the cause of the defeat of the measure and then gave no account of the reasons of the opposition. The principal objectors to the bill would have favored it had this lame duck provision been eliminated. As an instance of the views expressed by the opponents of the measure the reported speech of Congressman Lenroot is a good example:

"This Commission scheme," said Congressman Lenroot of Wisconsin, who favors the \$2,000,000 appropriation otherwise, "comes nearer to being a piece of graft than anything I have ever seen and if the Exposition Company has agreed to it, it was because it was held up. I want to say that if the bill is finally defeated this afternoon it will be because of this provision."

"So friend of San Francisco can vote for this proposition. Three Commissioners, or even one, is enough. I have no more right to join in robbing the people of California than in robbing the Government, and will not stand for useless Commission, whether it is to be paid for either by the Exposition or the Government."

The bill has therefore been defeated in the House and the only chance of Congress passing it this session will be to have the Senate insert it in the Sundry appropriation bill. It looks like the United States will be in the anomalous situation of inviting the nations of the world to make exhibits at the exposition and will have no exhibition itself.

Treatment of disease by prevention has become one of the requirements of modern times. Statistical reports show that typhoid fever has been practically eliminated from the army and navy. As this disease is communicated

principally through grinking water the only way to prevent the disease is through vaccination. This is now done not only in smallpox prevention, but for prevention of bubonic plague, typhoid fever and other diseases. The destruction of the mosquito in the malaria districts has effectually prevented the spread of that disease. What with the discovery of new serums and new methods of sanitation disease has lost many of its terrors and epidemics are becoming a thing of the past.

During the interval between the two sessions of the legislature there are some measures that should receive public attention. Among them is the proposed game legislation. Wild game naturally belongs to the whole people. And the question of private game preserves has become one that the people generally have become to believe an unwarranted privilege. It is time for the public generally to inform the legislature what kind of legislation they want on the subject. Ducks, for instance, are a migratory bird and it is a question whether they shall be allowed to be killed only by the hunters themselves or allowed to be sold on the market. Deer and other local game are an object of conservation. What laws are best to protect the game is a question local interest in different parts of the state and of the public generally.

The Mexican dogs of war seem to be having a terrible time down in the federal capitol. Revolution is the long suit of the South and Central American Governments and Mexico seems to be revolting with a will. That a modern republic will be established there seems to be doubtful as the people are unfit for self rule. Nothing short of a military despotism can maintain order among the motley and shiftless population that constitute the majority in the Mexican Republic. Under present conditions Americans and American capital invested in that country are extremely unsafe. How far the present revolution will extend is hard to tell. Nor is there any immediate prospect of any party maintaining a stable form of government in that district in the very near future. It would perhaps be a good thing if a new people altogether would assume control of the country and establish some stable form of government that would permit of some progress.

In this regard Mr. Forbes Lindsay, a member of the Pan American bureau at Washington, who recently returned from the canal zone, says he can not understand why immigration from this country to the isthmus is not greater. He made an extended investigation there and says that there are great numbers of fertile valleys there where the population is meager but the possibilities of the land are great. He says that there is no need of work there to gain a livelihood. The soil is fertile and nature is prodigal in her supplies. Little or no clothing is required and he says that Americans would be given a great opportunity for a peaceful and prosperous existence there.

The contrast with conditions in the popular states strikes him and he writes:

"The pathetic mystery of it is that

tens of thousands are slaving in city sweatshops and factories, or painfully wringing a living from reluctant soil, when land unlimited lies waiting to richly reward any man who will cast a handful of seed upon it."

This condition has always existed. Generation of toil in the sweatshops have taken the ambition and initiative out of the toilers. It would take many of them a lifetime to save enough to go there. But no doubt the possibilities are there in that country and the fellow who has the initiative and the hardihood to pioneer in the country will no doubt find ample reward.

Achille Duchene, the French architect who has lately been to this country to look over the architectural possibilities for the construction of a residence for Mrs. Carolan in connection with Mr. Willis Polk, is quoted as praising American architecture in many respects.

The New York newspapers quote him as praising American architecture for its dimension, scale and harmony. With respect to the Grand Central Terminal, the great depot covering thirty blocks in the heart of New York, he said:

"It is a tremendous thing for your art when you accomplish such great efforts as I saw in that building with nothing but simple lines." He praised extravagantly the view of New York as one comes up the Bay. The foreigner approaching New York, he said, "experiences a sensation more wonderful, more peculiar, more impressive to an inexpressible degree than he gains entering any other port in the world. Naples, Salonica, the Golden Gate of your California, are truly wonderful. There are many ports where the mountains, the valleys, the sky and the sea all appeal with their beauty. But it is the beauty created by God. Coming into New York—ah, there is New York, indeed beautiful. It is so vast, so Herculean. Whatever of line is in error is lost. One is aware only of its vastness, of its entirety and its grandeur. And this is a grandeur built by men. I cannot hope to describe the sensation when one approaches New York from the sea for the first time. What must be the impression of the immigrant as he lands in New York. How must he feel as he stands gazing down on your vast avenues teeming with the life of a nation greater than he has ever known! He does not know such streets where he came from. And he gazes aloft at the lighted windows of your vast buildings, wherein men are working like bees in a hive, each window representing a unit of energy which might occupy a whole building in his native land, then must he wonder if he can ever become a part of this, a success in its midst. London in no manner represents this aspect."

This is an interesting expression of the impression of a man, learned in his profession, one who has grown up amid the architectural masterpieces of the world and an artist of the first rank. Whatever of architectural merit there has resulted in the building of great cities has been the result of natural growth and not the effect of any concerted plan. The general effect produced by the masses and outlines of a great city such as New York is the result of commercial activity and business that centers in the great ports of the Atlantic.

The Relation Of Sculpture To Parks And Buildings.

Report Of Committee Read Before the Forty-sixth Annual Convention of the American Institute of Architects, Washington, D. C., December, 1912.

By Herbert Adams.

I am conscious that it is an honor to have been asked to speak before this body on the subject of the "Relation of Sculpture to Parks and Buildings;" but I should be dull, indeed, if I did not recognize that many of you are more competent to do so than I am. I should therefore feel less embarrassed if my audience were composed of committee men and commissioners interested in erecting statues and monuments, rather than of architects.

First, I will speak of the relation of sculpture to our parks. As a sculptor, possibly I am expected to believe that parks should be bountifully supplied with examples of our art; but, as a matter of fact, I feel that the naturalistic park can get along very well with little from our hands—can be spared to advantage even the bronze panther crouching on the cliff, half concealed in the foliage.

In this country, I believe we are far too prone to place the statue of our hero or our honored citizen on the sloping bank hard by the popular drive or walk in the naturalistic park, to surround the pedestal with a mound of bedded plants, and then to rest secure in the satisfaction of having at once honored the dead and beautified nature. Perhaps we have dragged a rugged boulder to the lawn, mounted our hero on that, and then congratulated ourselves that we have been very artistic, while as a matter of fact we have only been avoiding the architect—or rather the cost of executing his design for a setting.

The boulder idea, in general, I believe, is one to be persistently discouraged; it is very contagious; it is one which has troubled the Art Commission of New York not a little. Had there been no restraining hand in this direction, I fear that the important drives in Central Park and Riverside Drive would have been lined ere this with boulders bearing bronze tablets; or perhaps there would have been only the boulders left, for there are individuals in that city who seem to have the idea that bronze, as a metal, has high value, and they frequently attempt to remove accessible tablets without consulting the authorities. It is, indeed, surprising that care must be used in fastening a tablet so that it cannot be removed by an ingenious vandal, even in the heart of a great city.

Certainly I believe that sculpture may be successfully used in connection with the naturalistic park; but this will be accomplished not by dropping it down here and there with reference solely to its conspicuous placing, but rather by treating some spot or portion in the park in a reasonably formal manner and using sculpture in connection with such treatment. In fact, it seems to me that the approach or entrance to the naturalistic park offers especially good opportunity for sculpture; indeed, if properly designed, it affords ideal possibilities for the sculptor's art. I believe the approach could be designed so that it would pre-

sent a satisfactory ensemble before all or perhaps any of the sculpture was in place, thus providing suitable sites for the sculpture of the future. Of course the general character of the sculpture which was to be added would have to be worked out with the general scheme, and safeguards taken that this scheme should be adhered to.

Think what it would have meant to New York City if Hunt's scheme of twenty monumental gates for Central Park had been realized: These gates were to have been known as the Merchant's Gate, the Scholar's Gate, the Artist's Gate, the Woman's Gate, the Children's Gate, etc. From sketches Hunt left for some of these gates, I believe it was his intention that they should serve not only as memorials to these various groups of people, but statues of individuals could be added from time to time, as occasion might arise.

that the scheme was so conceived that

It would be impossible for one who has never attempted to find a suitable place for a statue in a city like New York to imagine what a blessing such a scheme, intelligently carried out, would have been. With our congested streets running at right angles to each other, with our small-parks laid out in winding paths and in irregular beds, with our big parks sacred to the landscape idea, the problems of locating monuments in our city is a most difficult one.

We sculptors, therefore, beseech you, as designers of American cities, to give a little thought to the sculptural monuments of the future when you are planning parks, avenues and civic centers. You probably realize, quite as well as I, the importance of the setting and surrounding of works in sculpture—that a work of no extraordinary intrinsic merit is sometimes made impressive and important by its setting, while a work of high artistic quality may utterly fail to give its message, purely because it lacks the advantages of suitable setting and location.

It would be presumptuous, indeed, on my part, to attempt to explain to you what constitutes a good setting or a good location for sculpture, or how a city square or park should be treated to provide for sculpture. You, the architects, understand even better than the sculptor the significance of scale, the value of vistas and axes, the necessity of keeping each part of a plan in proper relation to the whole scheme.

There is one essential point, however, which, in general, has been more fully appreciated by the sculptor than by the architect. This is the rather universal importance of having the sun back of a spectator when he is looking at a statue. If a statue which stands in the open is between the sun and the spectator, of course all modeling is wiped out and silhouette alone is seen. The sculptor, therefore, likes to face his work south whenever possible, and is particularly unhappy

whenever it has to be faced north. This is by no means to underrate the value of silhouette, which will always remain an important factor in any achievement in the round.

In locating a public park in sculpture, especially whenever it takes the form of a memorial there is one element which often prevents the best result, in the broadest sense of the word. This difficulty is the desire, on the part of the promoters, and often, I regret to say, on the part of the authors, to have the work given a position where it will be seen by the largest number of people—a desire which sometimes warps the judgment. This is one of those elements in human nature that make no end of trouble for the Art Commission of New York. The promoters of nearly every monument or statue ask, first, for one of these four sites—City Hall Park, Union Square, Madison Square, the Plaza. The policy which has been pursued for so many years has pretty well discouraged people from trying to get their monuments into Central Park; but there is a constant demand for the other places—every one seems to feel that his monument has some special fitness for one of these sites.

I feel still more embarrassed, if possible in speaking to architects of the relation of sculpture to their buildings. Of course we all know the importance of having the sculpture suitable to the style of the architecture and the purposes of the building; of having it in proper scale; and of placing it so that it shall not be seen in too violent perspective.

It seems to be a rather difficult problem to determine the right size for a statue or group which is to be placed upon or in relation to a building, without trying a model on the complete structure, and of course this is often—in fact, usually—impossible. In case of a relief, where there is no great projection, the architect's drawing is very helpful in determining the proper size, but for a figure in the round, especially when placed at some height, I know that often, when the work is executed of a size that appears right in the drawing, either elevation or perspective, the result is a surprise. When a model is made of the entire building, the scale is usually so small that, the suggestions for the sculpture are too crude to be really of much value. On the other hand, the sculptor is inclined to make his studies for his part of the work at a scale so large that only the immediate surroundings of the architecture can be shown in the model and of course these by themselves are of little value in considering general proportion. From my own experience I think that the most practical way of determining the scale is to make a model of a considerable portion of the building and sculpture at such a scale that the figures will be, say, six inches to eight inches tall. Then, with the eye in the same relative position in

which it will view the completed work, care being taken to cut out of vision everything except the model. I believe a fairly true idea of the effect may be obtained.

In planning for sculpture in the interior of buildings, the question of lighting is often too little considered. Every one knows that a painting must have a good light to be properly seen, but few seem to perceive that it is even more important, if possible, that sculpture should be properly lighted. Without its light and shade sculpture has nothing left but its silhouette; and in the case of a relief or of a figure against a background of the same color even the silhouette is lost.

Usually the light most favorable for sculpture is from above, but we are thankful if we can get it from any one direction, so long as it does not hit us bang in the face from low down, as is the case when sculpture is placed opposite an entrance, with a confused light coming through the doorway.

The sculptor often feels that the architect is too indifferent to the quality of the sculpture with which the building is to be decorated. I am aware, on the other hand, that the sculptor is liable to forget that his work is only a small part of the whole design, and that it is more important that it should strike the proper note in the entire composition, than that it should be exquisitely modeled, or that it should in any way exploit his personality, with intent to dominate.

Personally I believe that there is a great field in decorative sculpture; and in this I include both figure and ornament. I think that neither the sculptor nor the architect is doing his full duty in this matter. I think we both feel that much of the so-called decorative work is sadly lacking in artistic merit. How could it be otherwise under the conditions in which it is usually made? The architect replies, "Yes, but you figure sculptors don't understand decorative sculpture, particularly ornament; you consider it beneath you." I admit that most of us are not facile in decorative work; but for myself I believe that there may be just as much art in designing an exquisite border or panel from a wild grapevine as there is in designing the portrait of a great man or a beautiful woman. But it requires not only skill and feeling, but study; it cannot be turned out by the yard.

I feel that one difficulty here is that the artist-architect and the artist-sculptor have not been in close enough touch with each other. The Society of Beaux Arts Architects and the National Sculpture Society have recognized this, and have seen the need of having our decorative sculpture executed by better trained men. They have joined hands and formed an atelier, where students and men employed in modeling shops may study, not simply under the instruction of the decorative modeler, but under the criticism of the architect and the sculptor. It is an interesting experiment and should do good.

The importance of bringing architect, painter and sculptor into closer sympathy with each other, and giving them a clearer conception of each other's work, was recognized by McKim when he conceived the plan of the American Academy in Rome. The value which this institution will eventually be to this country is at

present not fully appreciated. The influence which it is destined to have on the art of America I believe to be of the greatest importance.

Of course, the Academy will never be great in point of numbers of students there at any one time; this is neither intended nor desired. But they are picked men, men who have learned their trade, so to speak, but still are not beyond the receptive age. They not only see each other's work, but they live under the same roof; they eat together, they discuss together, they visit masterpieces of antiquity together. This is but incidental, but it is no less valuable than is their working out together problems which involve the three arts. In the great work of bringing together into harmonious relationship the work of architect, painter and sculptor, I know of no institution, of no influence, destined to do as much for us as will the American Academy at Rome.

TRAFFIC BETWEEN THE ATLANTIC AND PACIFIC COASTS VIA THE ISTHUSES OF PANAMA AND TEHUAUTEPEC.

Commerce between the Atlantic and Pacific Coasts of the United States via the Isthmuses of Panama and Tehuantepec aggregated approximately \$125,000,000 in 1912. The rapid growth of the traffic between the eastern and western coasts of the United States via the Isthmuses which developed chiefly within very recent years and seems likely to further increase with the opening of the Panama Canal, led the Statistical Division of the Bureau of Foreign and Domestic Commerce to establish at the beginning of the present fiscal year a monthly record of the movements of the principal articles forming this traffic. Its record for the five months ending with November has just been published and shows \$24,500,000 worth of merchandise passing from the Atlantic Coast to the Pacific Coast via the Tehuantepec Railroad, and \$5,000,000 worth via the Panama Railroad; while the value of that passing from the Pacific Coast to the Atlantic was, via the Tehuantepec line, \$14,320,000, and via the Panama line, \$2,750,000. This suggests that the total value of the traffic for the half year ended December was approximately \$30,000,000 west-bound across the Tehuantepec route and \$6,000,000 via the Panama line; and of east-bound coming from the Pacific Coast ports and Hawaii, \$16,990,000 via Tehuantepec and \$4,500,000 via Panama; and that the total value of this traffic for the full year approximates \$125,000,000.

The principal articles forming this interchange between the Atlantic and Pacific coasts are, in the westward movement, iron and steel manufactures, about \$8,000,000 for the half year ended with December; cotton cloths, about \$2,000,000; paper and manufactures thereof, nearly \$3,000,000; manufactures of wool, \$1,250,000; chemicals, approximately \$2,000,000; smoking tobacco, about \$750,000; vegetables, nearly \$1,000,000; manufactures of India rubber, approximately \$50,000; manufactures of copper, between \$1,600,000 and \$2,000,000; boots and shoes, about \$320,000; cotton wearing apparel, \$1,500,000, and mineral oil, \$50,000 in value. The principal articles forming the \$8,000,000 worth of iron and steel

manufactures are machinery, practically \$1,000,000; builders' hardware, more than \$500,000; nails and spokes, about \$330,000; sheets and plates, about \$500,000; and tools about \$50,000.

The merchandise shipped from the Pacific Coast to the Atlantic seaboard included about \$1,500,000 worth of canned salmon; nearly \$500,000 worth of raisins; more than \$250,000 worth of prunes; more than \$1,500,000 worth of preserved fruits; \$2,000,000 worth of wines; and nearly \$2,000,000 worth of wool; while sugar shipments from the Hawaiian Islands amounted to over \$7,000,000 in value for the five months in question.

Considerable quantities of merchandise bound for foreign countries also utilize now the trans-isthmian routes. Shipments from the Atlantic Coast to foreign countries via the isthmus go chiefly via the Panama route and include, for the six months ended with December, approximately \$1,500,000 worth to Peru, nearly \$1,000,000 to Ecuador, about \$333,000 to Chile, and about \$2,000,000 worth to the Central American States. The east-bound traffic from the Pacific Coast, to foreign countries amounted to about \$4,000,000 value for the six months in question, the largest single movement being from San Francisco to Germany, \$1,668,000 value; while that to France was about \$660,000 and to England about \$333,000 value.

ROADS, YESTERDAY, TODAY AND TOMORROW.

History Is Repenting Itself, and the Imperative Demands of Modern Traffic Are Creating a Necessity That Concrete Will Do Much to Meet.

The country road which was good enough for yesterday for the horse, laden with the farmer and his grain bag with the grist in one end and a stone in the other, has gone with yesterday; and yesterday's farmers and yesterday's ways—highways and low ways—are gone forever.

Yesterday the road past his farm belonged to the farmer; but today it belongs to the county or state, and tomorrow it will belong to the United States, with an invitation to the world to use it.

Yesterday's road was poor because yesterday's people were poor. They had a wilderness to penetrate, the stumps and roots to obliterate, the turf of a million years to plow and cultivate. So how could they make good roads? There was no time to build good roads; there was no commerce requiring good roads; so no good roads were built.

The built as good roads as they needed; and it would be foolish for any generation to build better roads than are required at the time of building, for no man knows what tomorrow has in store for us. Perhaps railroads and highways will pass out of use, the rights of way be filled, and the produce of the future be carried to markets in combination air and water craft. However, this will not happen in our day; so it is up to us to do as well for this generation as yesterday's people did for themselves.

Today we have enormous cities to feed, villages everywhere growing into cities; and today's demand is for roads that will permit a four-ton load to be hauled twenty miles to town before

breakfast. Milk must be brought 50 to 100 miles. Railroads cannot be built past every farm; but good roads can be built where traffic is not sufficient to demand railroads, and yet is enough to warrant good roads.

Every citizen traveling in an automobile or hauling with a motor truck has as good a right to be served with a road for his machine today as had the man on horseback three hundred years ago; and yesterday's road will not answer the purpose.

Today demands more miles of well-graded and properly drained earth roads than of any other kind. Today demands thousands of miles of well-built gravel roads. Today demands more miles of common water-bound macadam road than have ever yet been built. Today the half million automobiles and motor trucks demand that near all cities the surface of the road shall be so hard, so smooth, and so welded together with cement, bitumen, or something as good or better, that the wheels shall not pull the road to pieces or suck out the binder which holds it together.—H. S. Earle in "Southern Good Roads."

NOVEMBER RAILWAY BUSINESS.

The high tide of business in the United States continues to be reflected in the railway statistics compiled by the Bureau of Railway Economics from the reports of the railways to the Interstate Commerce Commission.

The returns for last November show an increase over November of the previous year, but do not maintain the ratio of increase displayed by the month of October; while operating revenues increased \$122 per mile of line for the month, operating expenses increased \$74, and net revenue only \$48.33. Taxes were greater than for the previous November, amounting to \$46 per mile of line. Operating income averaged \$12.13 per mile of line for each day in November, an amount greater by \$1.63 than for November, 1911. This is the entire amount available to the railways for rentals, interest on bonds, appropriations, and dividends.

For the five months of the fiscal year the net operating revenue per mile of line of the eastern railways, compared with the corresponding months of the previous year, increased 9.3 per cent; that of the western railways increased 15.8 per cent, while that of the railways of the south increased less than one-tenth of 1 per cent.

For the eleven months of the calendar year the net operating revenue per mile of line of the eastern railways, compared with the corresponding months of the previous year, increased 4.3 per cent; that of the western railways increased 7.4 per cent, while that of the railways of the south shows a decrease of 4.5 per cent.

CITY ATTORNEY TO RULE ON THE TENEMENT LAW.

The Board of Public Works of San Francisco has decided to ask the City Attorney for an opinion on whether a three-story flat building on Baker street, near the park, could legally be changed to a tenement building with eleven separate apartments. The structure is forty-eight feet high, or eight feet more than is allowed to a frame building under the existing or-

dinance, but the latter was enacted after the structure was erected, and is not retroactive. Now that it is proposed to change the character of the structure, however, the suggestion has been made that the ordinance may apply, in which case the extra eight feet in height would have to be done away with.

The board referred to the City Engineer two pending ordinances, one requiring that hereafter when street

sewers are put down connecting side sewers leading into abutting lots shall also be installed; the other providing that hereafter all public sewer underground work shall be placed beneath the sidewalks.

The board overruled the pending protests against the sewerage of Kansas street between Twentieth and Twenty-second streets and directed that bids be invited for the work.

Firms desiring news on special classes of buildings such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

—APARTMENT HOUSES—

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architects, C. M. and A. P. Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected in the east line of Larkin street, near Pacific, and will be arranged for a number of two and three room suites, all of which will have connecting baths and private entrances. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. A central heating system will be installed. Wall beds are specified. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$50,000. Architect, Norman Coulter, 46 Kearny St., S. F. Owner, Thomas Q. Swortfeger. This building will be erected in the north line of Sacramento street, between Pierce and Scott streets. While outside of the fire limits, the structure will be a Class C building. Interior has been arranged for two, three and four room apartments, and will cover an area of 65x127½ feet. Interior finish will be of pine, redwood and some hardwoods. A vacuum cleaning system will be installed. The exterior will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, C. M. and A. P. Rousseau, Monadnock Bldg., S. F. Owner, M. S. Shaw. The building is to be arranged for six apartments of four rooms and bath each. There will be a central heating system. Wall beds will be used in all suites. Interior finish will be of pine and redwood with some hardwood floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, C. F. Wyman, 1959 Hayes St., S. F. The building is to cover an area of 25x75 feet. Interior will be arranged for six apartments of three and four rooms and bath. Wall beds will be used throughout. A central heating system will be installed. Interior finish will be of pine and redwood with some oak floors. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic and cement

plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architects, Mitchell & Hodges, Bankers' Investment Bldg., S. F. Owner, Marshall Davonett. The building will be erected at 756 8th street, and is to be arranged for a number of two and three room suites. All apartments will be equipped with wall beds and will have connecting bath rooms. The interior of the building will be finished in pine and redwood. The exterior will be covered with brick veneer and cement plaster. A central heating system will be installed. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$50,000. Architect, August Nordin, Mills Bldg., S. F. Owners, Franklin Realty Co. The building will be erected on the north line of O'Farrell street east of Larkin, and will contain a large number of two and three room apartments. Interior will be finished in pine and redwood with hardwood and ornamental plaster in the lobby and amusement rooms. There will be steam heat and elevator service. All suites will have wall beds and private baths. A vacuum cleaning system will be installed. Bath rooms will have cement floors. The exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners who will take figures on the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, E. A. Knoop, 1375 Stevenson St., S. F. The building will be 28x66 feet and has been arranged to contain six apartments. Interior finish will be of pine and redwood. There will be a bath with each apartment. A hot water heater will be installed. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment houses, 4, 3 story and base, frame, \$10,000 to \$14,000 each. Architects, H. Gelfuss & Son, 46 Kearny St., S. F. Owners' names withheld. Architects Gelfuss & Son have completed plans and specifications for two of these buildings and have taken figures on the same. Contracts will be awarded for the work in a short time. Plans are being prepared for two other similar buildings and bids will be taken within a few weeks. All four of the apartment houses will be erected in the Western Addition.

LOS ANGELES, CAL.—Apartment house, 5 story and base. Class B construction, \$125,000. Architect, J. W. Chambers Mason Bldg. L. A. Owner, A. L. Hill. This building has been mentioned here before when plans were being prepared. The structure will be erected at the northwest corner of 6th and Lake streets, and will cover an area of 96x148 feet. There will be a total of 183 rooms, which will be arranged in suites of two, three and four rooms each with private bath and wall beds. Interior finish will be of pine and mahogany. Baths will be finished in tile. There will be automatic elevators, steam heat and a vacuum cleaning system. The exterior of the building will be faced with cement plaster and artificial stone trim. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, Scott Quintin, Douglass Bldg. L. A. Owners, Los Angeles Securities Co. The building will cover an area of 72x100 feet. The first floor has been arranged for two stores and the upper floors for 100 rooms, which will be divided into two and three room suites with baths and wall beds. Interior will be finished in pine, redwood and some hardwood. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 5 story and base. Class R construction. Cost not stated. Architects, Dennis & Farwell, Fay Bldg. L. A. Owner, Louis C. Lohman. The building is to contain 85 rooms, which will be arranged in suites of two and three rooms each with wall beds and private baths. Interior will be finished in birch and white enamel. There will be steam heat, elevator service and a vacuum cleaning plant. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick and artificial stone trim. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$65,000. Architects, Pacific States Investment Co., 107 So. Broadway, L. A. Owner, Dr. J. T. Rush. The building will cover an area of 50x130 feet and will contain a large number of two and three room suites with baths and wall beds. Interior finish will be of pine and redwood. Bath rooms will have composition floors. There will be steam heat elevator service and a vacuum cleaning system. The exterior of the building will be faced with cement plaster. Plans are being prepared and when complete the building will be erected by the Pacific States Investment Co. on a percentage basis.

BAKERSFIELD, KERN CO., CAL.—Apartment house, 2 story and base, reinforced concrete. Cost not stated. Architect, Thomas B. Wiseman, Bakersfield. Owners, A. E. Wishon and Claude Thompson Estate. The building will cover a considerable ground area, and is to contain eight apartments arranged in two and three room suites. All apartments will have connecting baths and wall beds. Plans provide for steam heat and hot and cold running water. Interior finish will be of pine and hardwoods. The exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 5 story and base. Class B construction, \$50,000. Architect, E. J. Borgmeyer, Stinson Bldg. L. A. Owner, Julius R. Smith. Contractor, C. S. Blodgett, 335 North Burlington Ave. L. A. Contract price \$50,000.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick, \$15,000. Architect, none. Owner, Mrs. Lydia Monteith. Contractors, Pacific States Investment Co., 107 So. Broadway, L. A. Contract price, \$45,000.

BRIDGES, DAMS AND HARBOR WORK.

TACOMA, WASH.—Bridge, steel and concrete, \$10,000. Engineer, County Surveyor M. Roy Thompson, Tacoma. Owners, Pierce County. Plans for a 1,000-foot steel bridge over the Nisqually River at La Grande are nearly complete and bids will be called for shortly. Complete information can be secured by addressing County Surveyor Thompson, Tacoma.

Contracts Awarded.

SAN FRANCISCO—Pier, reinforced concrete, \$436,000. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$436,000. Five sets of figures were received for this work and the lowest, that of Healy-Tibbitts Co., was accepted. For a complete list of the bids see under San Francisco in this issue.

CHURCHES.

BAKERSFIELD, KERN CO., CAL.—Church, 2 story and base, brick, \$30,000. Architect, Thomas B. Wiseman, Bakersfield. Owners, Presbyterian Church of Bakersfield. The building will contain a main auditorium with a seating capacity of 400, Sunday school department, gymnasium, social rooms and parlors. Interior finish will be of pine throughout. There will be a central heating system. Plate and art glass windows will be installed. The exterior of the building will be faced with tapestry brick. Plans are being prepared and figures will be called for shortly.

EXETER, TULARE CO., CAL.—Church, 1 story and base, concrete and frame. Cost not stated. Architect, A. Merrill Bowser, Oakland. Owners, Baptist Church of Exeter. The building will be designed in the Mission style with a cement plastered exterior and tile roof. The main auditorium will have a seating capacity of 500 people. Besides the auditorium there will be Sunday school rooms, parlors and pastor's study. Interior finish will be of pine and redwood. There will be a central heating system. Plans are being prepared and figures will be called for shortly.

ORANGE, ORANGE CO., CAL.—Church, 1 story and base, brick and frame. Cost not stated. Architect, E. E. Meinardus, Higgins Bldg. L. A. Owners, German Lutheran Congregation of Orange. The building will be one story in height with two towers. The main auditorium will have a seating capacity of 1,000 people. Besides the main auditorium there will be Sunday school rooms and parlors. Interior will be finished in pine and redwood.

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The exterior of the edifice will be faced with cement plaster. A furnace heating system will be installed. There will be art glass windows. Plans are nearly complete and the work will probably be done by Day Labor.

IRVINGTON, ORE.—Church, 2 story and base, stone, \$100,000. Architect, Ellis F. Lawrence, Portland. Owners, Westminster Presbyterian Church. The stone work on the building is already completed, and the architect is now taking figures for the carpentry, plumbing, heating, plastering, electric work and sheet metal work. Art glass and interior decoration will be let later.

FACTORIES & WAREHOUSES.

DAVIS, YOLO CO., CAL.—Hog house, 1 story, frame and concrete. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Regents of the University of California. All figures received for this work have been rejected and plans will be revised. New bids will be called for shortly. The official proposal will appear in these columns at that time.

TORRENCE, LOS ANGELES CO., CAL.—Factory group, 6, 1 story and base, reinforced concrete. Cost not stated. Architect, Irving J. Gill, 625 South Hill St., L. A. Owners, W. O. Hendrie Rubber Co., Denver Colo. The complete plan includes the construction of six buildings, but only two will be erected at this time. The first of these will cover a ground area of 640x60 feet. Other buildings will be identical in size, covering an area of 50x100 feet. The first two buildings will be the general offices, and factory and a power plant. Construction will be of reinforced concrete throughout. There will be metal window frames and sash. Plans are being prepared.

SEATTLE, WASH.—Warehouse, 4 story and base, reinforced concrete, \$75,000. Architects, Weld & Thomas, Hogg Bldg., Seattle. Owners, Northern Pacific Railroad Co. This building will be erected on 4th avenue and will contain one store room and a large warehouse. There will be steam heat, elevators and automatic sprinkler system and metal window frames and sash. Interior finish will be of pine throughout. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Warehouse, 4 story and base, reinforced concrete, \$27,000. Architect, George W. Harding, Citizens' National Bank Bldg., L. A. Owners, City

Transfer, Van and Storage Co. Contractor, A. L. Dutro, 617 Orange Ave., Long Beach. Contract price, \$27,000.

LOS ANGELES, CAL.—Factory and warehouse, 1 and 2 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, Fraters Art Glass Co. Contractors, O. F. Engstrum Co., 5th and Seaton Sts., L. A. Contract price not given.

FAIR WORK.

SAN FRANCISCO—Educational building, 2 story, concrete and frame. Cost not stated. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for this building, which will be the second largest of the Exposition buildings, have been completed and approved by the Buildings and Grounds Committee. Bids are now being taken and will be opened on March 11th. Separate figures are asked for on the construction of the building and the installation of sewers, plumbing and water piping. Plans and specifications can be obtained from the Director of Works, Service Bldg., San Francisco. The official proposal appears in another column of this issue.

SAN FRANCISCO—Furnishing loam for gardens. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on February 25th for furnishing loam for the Exposition gardens. Specifications can be secured from the Director of Works, Service Bldg., San Francisco. The official proposal appears in another column of this issue.

SAN FRANCISCO—Conduit system. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of an electric conduit system throughout the grounds of the Exposition have been completed and figures are now being called for. The official proposal appears in another column of this issue. Bids will be opened on February 15th. Plans may be secured from the Director of Works at the Service Bldg., S. F.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, George Piper. The building has been arranged to contain two small flats of four, and five rooms each with baths. Interior will be finished in pine and redwood. Modern plumbing and electric work are specified. There will be either open fire places or gas grates used. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$2,000. Architect, Robert Morgenier, 1644 Telegraph Ave., Oakland. Owner, Joseph Berlock. The building will contain two small flats. Interiors will be finished in pine and redwood with some oak floors. There will be gas grates. Mantels will be of tile. The exterior of the building will be covered with rustic. Plans are complete and the architect is taking figures on the work.

OAKLAND, CAL.—Flat addition, 2 story, frame, \$2,000. Architect, none. Owner, Mrs. F. H. Benery, 1103 Campbell St., Oakland. This work will consist of the construction of a two-story

addition to the present building and the alteration of the interior of the old portion of the house. There will be new plastering, plumbing and electric work. The exterior will be covered with rustic. Plans are in the hands of the owner, who is taking figures on the work.

GARAGES.

OAKLAND, CAL.—Garage, 1 story and base, brick, \$4,000. Architect, J. Henry Boehler, Delger Bldg., Oakland. Owners, A. W. and J. H. Gatchens. This building has been designed for a commercial garage and will be erected on Piedmont avenue near 19th street. Interior will be finished in pine. There will be a large galvanized iron skylight. The exterior of the building will be faced with stock brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete, \$125,000. Architect, A. Leo Ellis, Shreve Bldg., S. F. Owner's name withheld. This building will be erected on Van Ness avenue, and is designed for a commercial garage with offices and sales rooms occupying the front portion of the structure. Interior of the offices and sales rooms will be finished in tile, marble and hardwoods. A tile floor will be used. Construction will be practically fireproof. Metal window sash and frames will be used. The exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

FRESNO, FRESNO CO., CAL.—Garage, 1 story and base, brick and steel. Cost not stated. Architect, none. Owners, Haynes Automobile Co. This company has recently secured a site at the corner of Stanislaus and I streets, and have had plans prepared for a commercial garage and sales rooms. The interior of the front portion of the building will be handsomely finished in tile, pine and hardwood. Floor will be of tile. The rear of the building will contain the repair shop and storage space. There will be a cement floor and metal window sash and frames. The exterior of the building will be faced with cement plaster.

PASADENA, LOS ANGELES CO., CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, none. Owners, Claude M. Jones and J. H. Franklin, 688 San Fernando St., L. A. The site is 70x120 feet. The building will have a cement floor, composition roof and special gasoline storage tanks. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans are complete and the excavating has been started. Work will probably be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 story and base, reinforced concrete, \$16,000. Architects, Train & Williams. Exchange Bldg., L. A. Owner, E. S. Butterfield. Contractor, Earl F. Low, Byrne Bldg., L. A. Contract price, \$16,000.

GOVERNMENT WORK AND SUPPLIES.

The following is a list of the bidders who have asked for plans and specifications for work under the in-

terior Department of the United States Government:

Grand Junction Colo., Construction, March 5.

M. Yeager & Son, Danville, Ill.
W. H. Maxwell, Phoenix, Ariz.
W. D. Lovell, Minneapolis, Minn.
Campbell Building Co., Salt Lake City, Utah.

King Lumber Co., Charlottesville, Va.

J. E. & A. L. Pennock, Land Title Building Philadelphia, Pa.

Grant Fee, 2449 16th street, San Francisco, Cal.

Wise Granite Co., Richmond, Va.

Hiram Lloyd Building & Construction Co., Odd Fellows' Building, St. Louis, Mo.

George W. Stiles Construction Co., Rookery Building, Chicago, Ill.

J. H. Wiese, Omaha, Neb.

Connors Bros Co., Lowell, Mass.

Dieter & Wenzel Construction Co., Wichita, Kans.

W. C. Boyer, P. O. Box 373, Grand Junction, Colo.

Inter-State Construction Co., Saginaw, Mich.

Pocatello, Idaho, Construction, February 20.

King Lumber Co., Charlottesville, Va.

J. H. Wiese, Omaha, Neb.

Hiram Lloyd Building & Construction Co., St. Louis, Mo.

Northern Construction Co., Milwaukee, Wis.

Arthur Elliott, Pocatello, Idaho.

Wm. H. Maxwell, Phoenix, Ariz.

Campbell Building Co., Salt Lake City, Utah.

General Concrete Construction Co., Louisville, Ky.

Whiteaway-Lee Construction Co., Boise, Idaho.

Bailey-Marsh Co., Minneapolis, Minn.

W. D. Lovell, Minneapolis, Minn.

Grant Fee, 2449 16th street, San Francisco, Cal.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Palmberg & Mattson, Astoria, Ore.

Tenino Stone Co., Tenino, Wash.

Wm. O'Neill & Co. Co., Fairbault, Minn.

Sound Construction & Engineering Co., Low-nan Building, Seattle, Wash.

George Curley, Salt Lake City, Utah.

Dieter & Wenzel Construction Co., Wichita, Kans.

Howard & Wood, 2712 Thomas street, Cheyenne, Wyo.

Naval Supplies.

The paymaster general of the navy will open bids on dates indicated below for furnishing the following material: Schedule 5146—Yards and Docks. To be opened March 5.

Class 11. Pearl Harbor — 3 railway flat cars.

Class 12. Pearl Harbor—2 platform push cars.

Class 21. Puget Sound — 2 fuel-oil pumps.

Rawlins, Wyo., Shelving.

The following is an abstract of the bids received January 23 at the office of the supervising architect, Treasury Department, Washington, D. C., for installing metal vault shelving in the U. S. postoffice at Rawlins, Wyo.:

Art Metal Construction Co., Jamestown, N. Y., \$210.

Watson Mfg. Co., Jamestown, N. Y., \$217.

H. H. Smith Co., Gowanda, N. Y., \$21.
 Berger Mfg. Co., Canton, Ohio, \$285.
 Canton Art Metal Co., Canton, Ohio, \$797.
 Steel Plate Mfg. Co., Topeka, Kans., \$350.
 Van Dorn Iron Works Co., Cleveland, Ohio, \$375.

Reclamation Service, Canal Work.

All bids received January 10 for the construction of two miles Dodson north canal, Milk River project, Mont., have been rejected.

Panama Coaling Plant.

The purchasing officer of the Isthmian Canal Commission will call for bids within a week or ten days for delivering and erecting coal handling machinery and accessories necessary for two coaling plants, one at each terminus of the Isthmian Canal, to be furnished and erected, complete, ready for operation.

Army Motor Truck Test.

Unusual interest is manifested among the manufacturers of motor trucks in the forthcoming test which is contemplated by the chief of the quartermaster corps. As has been stated in these columns, invitations have been issued to builders of such vehicles for any suggestions they may have to make of possible value in the development of a truck suitable for military use. It is intended to go into the subject thoroughly, as is indicated by the preliminary specifications which have been furnished to those who are interested and the text of which is published elsewhere in this issue. It will be several months before a design is completed and the department is ready to proceed with the test under practical conditions. It is believed by the military authorities that there can be developed a vehicle which will meet the conditions involving army transportation in a more complete way than anything which is now available for use.

Cheyenne and Arapaho Indian School.

The contract for the erection of a brick dining hall at the Cheyenne and Arapaho Indian School, Okla., has been awarded to S. J. Wick, of El Reno, Okla. A complete abstract of the bids appears in another column of this issue.

HALLS AND SOCIETY BUILDINGS.

LARKSPUR, MARIN CO., CAL.—City hall, 2 story and base, frame, \$8,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, City of Larkspur. The building will contain the city departments, jail and fire house. Interior will be finished in pine and redwood. Exterior will be covered with cement plaster. Plans have been revised and new bids are now being called. Bids will be opened on February 26th. Plans can be secured from the architect in this city.

OAKLAND, CAL.—Association addition, 2 story, Class A construction, \$45,000. Architect, William C. Hays, Foxcroft Bldg., S. F. Owners, Young Men's Christian Association. Plans are complete for a two-story addition to the five-story Y. M. C. A. building located at 21st and Telegraph avenue.

Construction and design of the new stories will be similar to that of the old building. Interior will be finished in pine and hardwood. The heating system and plumbing will be extended from the old portion. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Lodge hall and stores, 3 story and base, reinforced concrete. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owners, Independent Order of Odd Fellows. The property at the northwest corner of 12th and Flower streets is to be improved with a three-story building covering an area of 100x150 feet. Only preliminary plans have been prepared and details of the construction are not available at this time. The plans so far prepared show a building with the first floor arranged for stores and upper floors for lodge halls. Fred E. Peterson, 332 South Broadway is the chairman of the Building Committee. Complete information will be furnished as the plans progress.

MODESTO, STANISLAUS CO., CAL.—Lodge hall, 3 story and base, brick. Cost not stated. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owner, John Tully. This building, which has been leased to the Modesto Elks, has been fully described in these columns before. A contract for the construction will be let this week.

PORTLAND, ORE.—Club house, 3 story and base, brick, \$50,000. Architects, W. B. Bell and J. Terry Wilding, Portland. Property owners in the Laurelhurst district have decided to give the district a suitable meeting place, and have secured a large site. Plans are as yet in a preliminary state and details of the building cannot be given. Fuller mention will be made in these columns as the plans progress.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, reinforced concrete, \$75,000. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District and will be arranged for a total of 120 guest rooms, all of which will have connecting baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and hardwood. Ornamental plaster will be used in the lobby and office. The exterior of the building will be faced with pressed brick. Plans are complete and bids will be called shortly.

SAN FRANCISCO—Hotel, 2 story and base, reinforced concrete, \$35,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building is to be erected on Mason street and will contain in the neighborhood of sixty rooms and baths. Interior finish will be of redwood and hardwood. There will be steam heat. All rooms will be supplied with hot and cold running water. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

SAN FRANCISCO—Hotel, 6 story and base, steel and brick, \$100,000. Architect, Creighton Withers, 125 Sutter St., S. F.; Engineers, Leonard & Day, Rialto Bldg., S. F. Owner, Florence A. Browne. Contracts for parts of this

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work have been awarded as follows: Steel work to the Halston Iron Works, concrete work to Foster-Vogt Co., and terra cotta to Steiger Terra Cotta Works. All other parts of the building will be handled by Day Labor except the plumbing, plastering and electric work, contracts for which have not been let.

OCEAN PARK, LOS ANGELES CO., CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, W. S. Garrett, Currier Bldg., L. A. Owners, Messrs. Edward and John Newell. The building will have a frontage of 47 feet and a depth of 114 feet. There will be stores and the general office and lobby on the first floor and in the neighborhood of 120 rooms on the upper floors. Plans provide for steam heat, elevator service and hot and cold running water in all rooms. Interior finish will be of pine. Tile, marble and hardwood will be used in the lobby. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 10 story and base, Class A construction. Cost not stated. Architect not selected. Owner, N. W. Stowell, 667 I. W. Hellman Bldg., L. A. This building will be erected in the east line of Spring street north of 5th. Several architects are now preparing sketches and a decision will be made shortly. Plans submitted show 27 rooms to the floor, 12 of which will have private baths. Construction will be Class A throughout with a complete steel frame and exterior walls of brick, faced with pressed brick and terra cotta. The building has been leased to J. P. Stocksdale, Delta Bldg. Complete details will be given as soon as an architect is selected.

LOS ANGELES, CAL.—Hotel and stores, 4 story and base, brick and steel. Cost not stated. Architect, Robert M. Taylor, Douglass Bldg., L. A. Owner, Jacob Joseph. The building will cover an area of 100x120 feet with a rear wing 30x40 feet. There will be several stories besides the lobby and offices on the first floor. Upper floors will be divided into 100 guest rooms, many of which will have private baths. Interior finish will be of pine and hardwood. There will be steam heat, freight and passenger elevators, a vacuum cleaning system and hot and cold running water. Baths will have composition floors. The exterior of the building will be faced with pressed brick trimmed with artificial stone. Plans are being prepared.

SEATTLE, WASH.—Hotel addition, 10 story and base, reinforced concrete, \$250,000. Architects, Black Construc-

tion Co., St. Louis, Mo. Owners, New Washington Hotel Co. This work was mentioned here over a year ago. The amalgamation of the interests of the New Washington Hotel Co. of Seattle and the St. Francisco Hotel Co. of San Francisco makes the construction of the annex an assured fact. The Black Construction Co. will probably carry out the work as well as prepare the plans.

Contracts Awarded.

SAN FRANCISCO—Hotel, 3 story and base, brick, \$21,000. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner, Charles S. Howard. Contractor, Howard S. Williams, Hearst Bldg., S. F. Contract price, \$21,000.

PASADENA LOS ANGELES CO., CAL.—Hotel completion and addition, 2 story and base, reinforced concrete, \$90,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Henry E. Huntington. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$90,000.

BUTTE, MONT.—Hotel, 5 story and base, reinforced concrete, \$63,077. Architect, Floyd Hammill, Butte. Owners, Alex Leggat and M. E. Couze, Contractor, George Nelson, Madison Block, Seattle. Contract price, \$63,077.

LIBRARIES

WATTS, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, \$10,000. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owner, Town of Watts. The building will be 10x70 feet, and is to be designed in the classic style. There will be one large reading room and the stack room and librarians' office. Interior will be finished in pine and hardwood. Oak floors will be used. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SPOKANE, WASH.—Libraries, 2, 1 story and base, reinforced concrete and brick. Cost not stated. Architects as follows. Owners, City of Spokane. Architect Julius Zittel, Spokane, has been commissioned to design the North Side Branch Library, and Architect Albert Held will design the Union Branch Library. These commissions have just been made and details of the buildings are not available at this time.

ALBANY, ORE.—Library, 1 story and base, brick and concrete, \$17,000. Architect, W. F. Tobey, Sherlock Bldg., Portland. Owners, City of Albany. Plans have been approved for this work and the Trustees have now decided to go ahead with the construction. The building will cover an area of 74x52 feet, and is classical in design. The exterior will be faced with pressed brick. There will be a central heating system. Interior finish will be of pine and hardwood. Bids are now being taken.

Contracts Awarded.

SEATTLE, WASH.—Library, 1 story and base, reinforced concrete, \$25,000. Architects, Harlan Thomas and W. Marbury Somervell, Seattle. Owners, City of Seattle. The Board of Trustees of the Seattle Public Library has awarded contracts as follows on the Queen Anne branch library building, as follows:

Weeks & Behrens, Oriental Bldg., general contract, at \$23,850.

Ernst Hardware and Plumbing Co., for the plumbing, at \$885.

The Lavan Plumbing and Heating Co., for the heating at \$2,100; and J. J. Agutter & Co. for the wiring at \$322.

RAILROAD CONST., STATIONS AND EQUIPMENT.

BERKELEY, ALAMEDA CO., CAL.—Depot, 1 story, concrete and frame. Cost not stated. Architect, Engineering Department of the Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for this work have been completed and bids will be called for shortly. The work will be handled through the department of Maintenance of Way. A general contract will be let.

SAN FRANCISCO—Car barns, 2 story and base, brick addition, \$10,000. Architect, G. A. Dodge, 101 Post St., S. F. Owners, California Street Railway Co. This building is in the nature of a two-story addition to the present structure on California street near Hyde. Plans for this work have been completed and placed in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Railroad construction. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the completion of the Geary Street Municipal Railroad down Market street from the west line of Kearny to Market and Sutter streets have been completed and bids are now being called for. Bids will be opened by the Board of Public Works on February 26th. Plans and specifications can be secured from the Board of Public Works.

SEATTLE TO SUMAS, WASH.—Railroad construction. Engineers, Engineering Dept. Northern Pacific R. R. Co. Owners, Northern Pacific R. R. Co. This road has issued a statement to the effect that they will relay with 95-pound rails for a distance of 120 miles on their right of way between Seattle and Sumas. The estimated cost is \$1,000,000, and includes the construction of several reinforced concrete bridges.

RESIDENCES.

SAN FRANCISCO—2 story and base, frame, \$3,500. Architect, David C. Coleman, Western Metropolitan Bank Bldg., S. F. Owner, M. Fisher. The house has been designed to contain seven rooms and bath. All interior trim will be of pine or redwood. Hardwood floors will be used in the principal rooms. A central heating system will be installed. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,250 each. Architect, none. Owner, Oscar Heyman & Bro., 712 Market St., S. F. These houses will each contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchens. The exteriors will be covered with cement plaster on

metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph T. Carter, Balboa Bldg., S. F. Owner, John T. Murphy. The house will be erected at the corner of 32nd avenue and Lake street, and will contain seven rooms and bath. Interior finish will be of pine and oak. Hardwood floors will be used throughout. A hot water heating system is to be installed. There will be a large open fire place with a specially designed hardwood mantel. Tile will be used in the bath room and kitchen. Considerable ornamental plaster is specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of red clay tile. Plans are being prepared.

SAN FRANCISCO—Bungalows, 3, 1 story and base, frame, \$1,000 each. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, C. Cavaglioli. These dwellings will each contain six rooms and bath. All interior finish will be either of pine or redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. The exteriors will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,800. Architect, none. Owner, Lillie Brown, 1434 6th Ave., S. F. The dwelling has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Some oak flooring will be used. There will be an open fire place with brick mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, S. S. Wright. The house will contain six rooms and bath. Interior will be finished in pine throughout. Oak floors will be used in the living and dining rooms. There will be a large open fire place and tile or brick mantel. Tile will be used in the bath room and kitchen. The exterior of the bungalow will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, Mrs. Alfred A. Durney. This dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood. Oak floors will be used throughout, except in the baths which will have composition floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Oakland Building Co., Security Bank Bldg., Oakland. The house will contain eight rooms and bath. Interior finish will be of pine

and redwood with some oak. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Albert H. Larsen, 533 1/2 Shafter Ave., Berkeley. Owner, E. A. Mahon. The house has been designed for a six-room dwelling with bath and sleeping porch. Interior will be finished in pine and redwood. There will be some hardwood floors. Open fire places and brick mantels will be used. The bath room will have a tile floor. Tile will also be used in the kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Sam D. Beasley. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with shingles and shakes. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, John Hudson Thomas, First National Bank Bldg., Owner, Charles McCreary. The house will be erected in Thousand Oaks, and has been designed to contain eight or nine rooms, baths and sleeping porches. All interior finish will be of pine or hardwoods. Oak floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Bath rooms will be finished in tile. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, J. W. Hupp. This house will contain seven rooms and bath. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

MADERA, MADERA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Carl Thayer, Fresno. Owner, Richard Roberts. The house will contain about seven rooms and bath. Interior finish will be of pine and redwood throughout. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with a brick mantel. The bath room will be finished in tile. The exterior of the house will be covered with cement

plaster on metal lath. Plans are complete and figures are being taken.

MILL VALLEY, MARIN CO., CAL.—Bungalow, 1 1/2 story and base, frame, \$1,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, John Laker. The bungalow has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with some hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Bath room and kitchen will have tile wainscot. The exterior of the house will be covered with cement plaster. Plans are nearly complete and figures will be called for next week.

SAN FRANCISCO—Residences, 2, 1 story and base, frame, \$1,200 each. Architect, none. Owner, K. Anderson, 234 Church street, S. F. These two houses will be erected on Anderson street near Ogden, and each will contain five rooms and bath. Interior finish will be of pine and redwood throughout. Oak floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. The exteriors of the houses will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$12,000. Architects, H. Geiffuss & Son, 16 Kearny St., S. F. Owner's name withheld. This will be the first dwelling to be erected in the handsome new residence tract known as St. Francis Wood. The house will contain in the neighborhood of ten rooms, three baths and sleeping porch. A garage will be erected on the same lot. The design is in the Italian Renaissance style. Interior finish will be of pine and hardwoods throughout. Oak floors will be used in all of the principal rooms. A hot water system of heating is to be installed. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. The exterior of the dwelling will be covered with cement plaster on metal lath. Roof will probably be of red clay tile. Plans are being prepared.

SAN FRANCISCO—Residence, 3 story and base, frame, \$10,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner's name withheld. The house will be erected in the south line of Jackson street near Walnut and will contain about eight rooms, several baths and laundry. A garage will also be built on a part of the lot. Interior will be finished in hardwoods, pine and redwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Floors throughout will be of hardwood except in the baths which will have tile floors. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residences, 2, 2 story and base, frame, \$12,000 and \$1,500. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, P. E. Holt. These two houses will be erected in the Crocker Highlands Tract and will contain from seven to ten rooms. There will be three bath rooms in the larger house. A garage will be erected on the rear of both lots. Interior finish will be of pine redwood and hardwoods. Furnace heat and open fire

places will be used. Mantels will be of brick and tile. Bath rooms will be finished in tile and will have composition floors. Automatic water heaters will be installed. The exteriors will be covered with cement plaster on metal lath. Plans are now being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$3,500 each. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. These houses will be erected on Greenback avenue, and will each contain seven rooms, bath and sleeping porch. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will have composition floors. Tile will be used in the kitchens. The exteriors of the dwellings will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

Contracts Awarded.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, reinforced concrete. Cost not stated. Architect, I. J. Gill, 623 South Hill St., L. A. Owner, Mrs. Sarah B. Clark. Contractors, Concrete Building and Investment Co., Citizens' Bank Bldg., L. A. Contract price not stated.

SEATTLE, WASH.—Residence, 2 story and base, brick, \$40,000. Architects, Bebb & Mendel, Denny Bldg., Seattle. Owner, S. S. Loeb. Contractor, J. N. Johnson, 2543 21st Ave., Seattle. Contract price, \$40,000.

SCHOOLS.

SAN FRANCISCO—College, 3 story and base, reinforced concrete, \$100,000. Architect, Sylvain Schnaltcher, First National Bank Bldg., S. F. Owners, Hetch Investment Co. The Hetch Investment Co. has leased the northwest corner of Van Ness avenue and Post street to Heald's Business College, and will erect thereon a modern fireproof building. This property has a frontage of 120 feet on Van Ness avenue and 160 feet on Post street. The building is to cover practically the entire area. Construction will be fireproof. Plans are being prepared, and while definite information of the arrangement, etc., is not available, the lessees state that all of the various departments of this college will be provided with suitable space and that the new building will be the most modern structure devoted exclusively to a business college of any on the coast. Actual construction will be started as soon as plans and specifications can be completed.

OAKLAND, CAL.—School, 1 story and base, reinforced concrete, \$48,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened at the last meeting of the Board of Education show Boyd, Kerr & McLean low men at \$48,800. For a complete list of all figures submitted for this work see under Oakland and Alameda County in this issue.

MIDWAY SCHOOL, DISTRICT, KERN CO., CAL.—School, 1 story and base, reinforced concrete, \$20,000. Architect, Thomas B. Wiseman, Bakersfield. Owners, Midway School District. The building will be in the nature of an addition to the present building and will be arranged to contain four class rooms.

There will be a central heating system. Interior finish will be of pine. Some maple floors will be used. There will be composition blackboards. The exterior of the building will be faced with cement plaster. Plans are being prepared.

EL MODENA, ORANGE CO., CAL.—School, 1 story and base, brick, \$25,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, El Modena School District. This work has been mentioned here before. Plans are complete and figures are being taken. Bids will be opened in El Modena on March 1st. Bids are being taken as a whole. Plans and specifications can be obtained from the architect.

PASADENA, LOS ANGELES CO., CAL.—Academy buildings, 2, 1 story and base, reinforced concrete. Cost not stated. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owners, Throop Polytechnic Institute of Pasadena. One of the buildings is to be designed for an Art Museum and the other for a library. The style of architecture will conform to the present buildings. Construction will be of reinforced concrete throughout. Interiors will be finished in pine and hardwoods. There will be a central heating system. The exteriors will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—School work, concrete walls, plumbing, etc. Cost not stated. Architect not stated. Owners, City of Los Angeles. Bids will be received by the Board of Education, 730 Security Bldg., upto 11 o'clock a. m. of Thursday, February 27, 1913, for the following construction work: For the erection of a frame sloyd building at the West Vernon Avenue School site, West Vernon avenue between Olive street and Grand avenue; for remodeling the basement of the Custer Avenue Intermediate School at Temple street and Custer avenue; for constructing a cement retaining wall at the Sherman School; for constructing a cement retaining wall at the Colegrove School; for installing electric fixtures in seven school buildings; for installing plumbing in the cookery room at the Santa Fe Avenue School Santa Fe avenue and Sixteenth street; and for the sale and removal of a building on the Wilmington School site. Plans and specifications for the above work may be obtained at the office of the secretary, Wm. A. Sheldon, 730 Security building.

SEWERS, STREET WORK AND WATER SYSTEMS.

FULLERTON, ORANGE CO., CAL.—Paving roads, etc., asphalt and macadam. Cost not stated. Engineer, C. Elske, Jr., 3001 Leeward Ave., Los Angeles. Owners, City of Fullerton. Plans for paving a number of the principal streets and roads in Fullerton have been completed and are now out for figures. The work was mentioned in the last issue of the News and was described in detail then. The official proposal appears in another column of this issue.

BAKERSFIELD, KERN CO., CAL.—Pumping plant. Cost not stated. Engineer's name not given. Owner, H. J. Saeker, Bakersfield. Mr. Saeker is to install a large pumping plant for irrigation purposes on his ranch south of Bakersfield. Mr. C. M. Stoll, also of Bakersfield, is now taking figures for



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the installation of a pumping plant at Rio Bravo. He may be addressed at Bakersfield.

MONTEREY, MONTEREY CO., CAL.—Garbage incinerator. Cost not stated. Engineers, Constructing Q. M. officer, Presidio of Monterey. Plans for the construction of a garbage incinerator at the Presidio of Monterey have been completed and figures are now being taken by Major F. A. Grant, Constructing Quartermaster, Presidio of Monterey. Bids will be opened on March 5th. Plans and specifications may be obtained by addressing Major F. A. Grant.

SAN JACINTO, RIVERSIDE CO., CAL.—Irrigation system, ditches and concrete pipe. Cost not stated. Engineer's name not given. Owner S. S. Langley, Van Nuys Bldg., L. A. Mr. Langley will shortly let a contract for the construction of about 20,000 feet of irrigation ditches and also for a large amount of reinforced concrete pipe.

Contracts Awarded.

SAN FRANCISCO—Sewers, \$4,870. Engineer, Director of Works of the P. P. I. E. Co., Service Bldg., S. F. Owners, Panama Pacific International Exposition Co. Contractor, Philip Schuyler, First National Bank Bldg., Oakland. Contract price \$4,870. Nine bids were submitted for this work, all of which are printed in this issue under San Francisco.

SAN FRANCISCO—High pressure and service water supply system. Cost not stated. Engineer, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, The Turner Co., 278 Natoma St., S. F.

awarded contract for the high pressure system at \$152,225, and Phillip Schuyler, First National Bank Bldg., Oakland, awarded contract for the service supply system at \$35,205.

SOLDIERS' HOME, CAL.—Sewerage disposal plant, \$20,000. Engineer's name not given. Owners, California's Soldiers Home. Contractors, J. D. Kneen Co., Santa Monica. Contract price, \$19,800.

STORES & OFFICE BUILDINGS.

SAN FRANCISCO—Stores and offices, 4 story and base, brick and steel. Cost not stated. Architect, Nathaniel Blaisdell, 255 California St., S. F. Owners, C. C. Moore Engineering Co. The owners have just announced their selection of an architect to prepare plans for the improvement of the property recently purchased at the northeast corner of Mission and First streets. The new structure will have a frontage of 129 feet on First street and 113 feet on Mission street. There will be a steel frame and exterior walls of brick, faced with pressed brick. The first floor will be occupied by the owners and upper floors will be arranged for offices designed to meet the requirements of engineers, assayers and other specialists. There will be steam heat, elevator service, a vacuum cleaning plant, mail chutes and other modern improvements. Metal window frames and sash are to be used. Plans are being prepared.

OAKLAND, CAL.—Stores and offices, 10 story and base. Class A construction, \$150,000. Architects, Reed & Meyer, Oakland Bank of Savings Bldg., Oakland. Owner, Miss Lucy F. Thomp-

son. This building will be erected at the corner of Broadway and 17th street and has been designed for a modern commercial structure. The first floor will be occupied by a number of retail stores and the upper floors will be arranged for offices, both en suite and single. There will be steam heat, elevator service, vacuum cleaning system and mail chutes. Interior finish will be of pine, hardwood and metal. Metal window sash and frames will be used throughout. Halls and corridors will be finished in tile and marble. The exterior of the building will be faced with pressed brick and terra cotta. A complete steel frame will be used. Plans are complete and figures on the work are now being taken. Bids will be closed on certain parts of the work on February 19th.

FOWLER, FRESNO CO., CAL.—Telephone exchange, 2 story and base, brick, \$12,000. Architect, C. K. Kirby, Jr., Fresno. Owner, H. Harris. This building has been leased to the Fowler Telephone Co. and will be occupied entirely by the company. The first floor will contain the general offices, apparatus room and public office. Upper floor will be arranged for the exchange. There will be a central heating system. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

LOS ANGELES CAL.—Stores and lofts, 8 story and base. Class A construction. Cost not stated. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owners, Isaacs Bros. Co. The building will be erected on Broadway between 7th and 8th streets, and will be Class A in all points of construction. There will be reinforced concrete floors and walls with pressed brick and terra cotta facing. Metal window frames and sash will be used. There will be steam heat, elevator service and a vacuum cleaning plant. Interior trim will be of metal. The building will have two entrances, both of which will be finished in marble. Plans are being prepared and the work will be done by the Richards-Neustadt Co.

LOS ANGELES, CAL.—Lofts, 5 story and base, reinforced concrete. Cost not stated. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owner, J. J. Fay. The building will cover an area of 116x144 feet, and has been arranged for a number of light lofts. There will be concrete walls and floors. The exterior will be faced with cement plaster. There will be copper window frames and sash, fireproof doors and modern elevator service. Interior finish will be of pine throughout. An automatic sprinkler system will be installed. Vacuum cleaning will be installed. Plans are being prepared and when complete the work will be done by the Richards-Neustadt Construction Co.

CAL.—Stores and offices, 8 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owner, Matthew Slavin, Slavin Bldg., Pasadena. This project is, as yet, in the tentative stage and only sketches have been prepared. Mr. Slavin is also considering a proposition for the construction of a three-story theatre building on the site. Plans will be completed and a contract let as soon as a decision is reached by the owner.

LOS ANGELES CAL.—Stores and moving picture house, 1 story and base, brick, \$15,000. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, Niles Pease Investment Co. The building will cover a ground area of 57x110 feet. There will be two stores besides the picture show house. The theatre will have a seating capacity of 850 people. Interior will be finished in pine. There will be a cement floor and concrete exits. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and theatre, brick and steel. Cost not stated. Architect, Scott Quintin, Douglass Bldg., L. A. Owners, Stoff and Schiller. Contractors, Chatzianoff & Son, 2409 Central Ave., L. A. Contract price not stated.

SEATTLE, WASH.—Stores and offices, 3 story and base, reinforced concrete, \$150,000. Architect, John Graham, Lyon Bldg., Seattle. Owners, Crawford and Conover. Contractors, Butler Construction Co., Central Bldg., Seattle. Contract price, \$150,000. Note: This building will cover an area of 60x108 feet.

MADERA, MADERA CO., CAL.—Store, 1 story and base, brick. Cost not stated. Architect's name not given. Owner, Madera Daily Tribune. Contractor, George Zoerb, Madera. Contract price not stated. Note: This building will be in the nature of an addition to the Tribune plant and will cover an area of 30x90 feet.

FRESNO, FRESNO CO., CAL.—Stores and rooms, 2 story and base, brick. Cost not stated. Architect's name not given. Owner, Thomas H. Lynch. Contractor, H. A. Hansen, Fresno. Contract price not given. Note: This building will be erected on a corner site and will cover an area of 100x150 feet.

THEATRES.

OCEAN PARK, LOS ANGELES CO., CAL.—Amusement pier. Cost not stated. Architect's name not given. Owners, State Investment Co., Severance Bldg., L. A. This company has taken over the interests of the Fraser Pier Co. and have announced that plans are being prepared for several new buildings which are to replace those recently destroyed by fire. The new structures will include a large theatre, roller skating rink, cafe, dance pavilion and roller coaster. Construction will be started as soon as plans can be completed.

EL CENTRO, IMPERIAL CO., CAL.—Theatre, 1 story and base, brick and concrete. Cost not stated. Architect, E. J. Borgmeyer, Stinson Bldg., L. A. Owner, C. M. Applehill. The building will be 50x140 feet. The auditorium will have a seating capacity of 700 people. Interior will be finished in pine. There will be a cement floor and a modern system of ventilation. Exterior of the building will be faced with pressed brick. Plans are complete and bids will be taken by the owner.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 759.—Proposals for Structural Steel.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C.

until 10 a. m. February 25, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 759) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR GARBAGE CREMATORY.

CREMATORY.—Office of Quartermaster, Presidio of Monterey, Cal.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. March 5, 1913, and then opened, for construction of garbage crematory, complete, at this post. Further information may be obtained by applying at this office. F. A. GRANT, major, quartermaster corps, quartermaster.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 761.—Proposals for Dynamite, Steel Pipe, Valves, Hack saw Blades, Solder, Stable Brooms, Chinaware, Glassware, Mess-knives, Oilcloths, Canvas, Candles, Fire Clay, Long-leaf Yellow Pine and White Oak Lumber and Cross-ties.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. February 26, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 761) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR SEWERS.

SEWER WORK.—Constructing Quartermaster's Office, Vancouver Barracks, Wash.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. February 24, 1913, and then publicly opened, for the extension of the storm water sewer at this post. Full information furnished on application. A deposit of \$5 will be required to insure return of plans, specifications, etc. Envelopes containing proposals to be endorsed "Proposals for Sewer" and addressed to the constructing quartermaster.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 760.—Proposals for Structural Steel for Administration Building.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. March 6, 1913, at which time they will be opened in public, for the purchase of the above mentioned articles. Blanks and general information relating to this circular (No. 760) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer

offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR VENTILATING.

VENTILATING DUCTS—Constructing Quartermaster's Office, Vancouver Barracks, Wash.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. March 5, 1913, and then publicly opened, for the installation of ventilating ducts in eight barracks of the old type at this post. Full information furnished on application. A deposit of \$5 will be required to insure return of plan. Envelopes containing proposals should be indorsed "Proposals for Ducts" and addressed to the constructing quartermaster.

PROPOSALS FOR BOILER.

BOILER—Constructing Quartermaster's Office Vancouver Barracks, Wash.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. February 25, 1913, and then publicly opened, for removing center boiler of battery of three, furnishing and installing boiler at pumping plant at this post. Intending bidders must make special measurements. Information furnished on application.

PROPOSALS FOR TRACK WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of February, 1913, for doing the following work, to wit:

Railway track construction on Geary street and Market street, from the westerly line of Kearny street at Geary street to the junction of Sutter street and Market street.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within forty-five (45) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$10,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR STREET WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 26th day of February, 1913, for doing the following street

work, including the furnishing of the necessary labor and materials therefor, to wit:

The improvement of the northerly one-half of Lincoln Way from the westerly line of Thirty-sixth avenue to the westerly line of Forty-first avenue, except on the railroad company's right of way, by the construction of granite curbs, brick catchbasins with culvert connections and an asphalt pavement.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within ninety (90) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$2,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not

less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO BIDDERS.

NOTICE is hereby given by the undersigned that the Board of Trustees of Larkspur will receive up to Wednesday, February 26th, 1913, at 8 o'clock p. m. sealed bids for the construction of a Town Hall as per plans and specifications on file at the office of the Architect, C. O. Clausen, Phelan Bldg., San Francisco. All bids to be accompanied by a certified check for 5% of the bid. The Board reserves the right to reject any and all bids.

E. J. KOCKE, City Clerk of the City of Larkspur, County of Marin.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, C. F. Wyman. 1959 Hayes St., S. E. The building is to cover an area of 25x75 feet. Interior will be arranged for six apartments of three and four rooms and bath. Wall beds will be used throughout. A central heating system will be installed. Interior finish will be of pine and redwood with some oak floors. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, David C. Coleman, Western Metropolis Bank Bldg., S. F. Owner, M. Fisher. The house has been designed to contain seven rooms and bath. All interior trim will be of pine or redwood. Hardwood floors will be used in the principal rooms. A central heating system will be installed. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—4 story and base, brick and steel, \$50,000. San Francisco. Architect, Norman Coulter, 46 Kearny St., S. F. Owner, Thomas G. Swarthgauer. This building will be erected in the north line of Sacramento street between Pierce and Scott streets. While outside of the fire limits the structure will be a Class C building. Interior has been arranged for two, three and four room apartments and will cover an area of 68x127½ feet. Interior finish will be of pine, redwood and some hardwoods. There will be steam heat, elevator service, wall beds and private baths.

A vacuum cleaning system will be installed. The exterior will be faced with pressed brick. Plans are now being prepared.

RESIDENCES—2, 2 story and base, frame, \$2,250 each. San Francisco. Architect, none. Owners, Oscar Heyman & Bro., 742 Market St., S. F. These houses will each contain six rooms and bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. The exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,500. San Francisco. Architect, Joseph T. Carter, Balboa Bldg., S. F. Owner, John T. Murphy. The house will be erected at the corner of 32nd avenue and Lake street, and will contain seven rooms and bath. Interior finish will be of pine and oak. Hardwood floors will be used throughout. A hot water heating system is to be installed. There will be a large open fire place with a specially designed hardwood mantel. Tile will be used in the bath room and kitchen. Considerable ornamental plaster work is specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Roof will be of red clay tile. Plans are being prepared.

BUNGALOWS—2, 1 story and base, frame, \$1,000 each. San Francisco. Architect, O. E. Evans, 2367 Mission street, S. F. Owner, C. Cavaglieri. These dwellings will each contain six rooms and bath. All interior finish will be either of pine or redwood. Some oak floors will be used. There will be open fire places and tile or brick mantels. The exteriors will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base frame. Cost not stated. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, M. S. Shaw. The building is to be arranged for six apartments of four rooms and bath each. There will be a central heating system. Wall beds will be used in all suites. Interior finish will be of pine and redwood with some hardwood floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,800. San Francisco. Architect, none. Owner, Lillie Brown, 1434 6th Ave., S. F. The dwelling has been designed to contain six rooms and bath. Interior finish will be of pine and redwood. Some oak flooring will be used. There will be an open fire place with brick mantel in the living room. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will be erected in the east line of Larkin street, near Pacific, and will be arranged for a number of two and three room suites, all of which will have connecting baths and private entrances. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. A central heating system will be installed. Wall beds are specified. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCES—2, 1 story and base, frame, \$1,200. San Francisco. Architect, none. Owner, K. Anderson, 294 Church St., S. F. These two houses will be erected on Anderson street near Ogden, and each will contain five rooms and bath. Interior finish will be of pine and redwood throughout. Oak floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. The exteriors of the houses will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$12,000. San Francisco. Architect, H. Geiffuss, 46 Kearny St., S. F. Owner's name withheld. This will be the first dwelling to be erected in the handsome new residence tract known as St. Francis Wood. The house will contain in the neighborhood of ten rooms, three baths and a sleeping porch. A garage will be erected on the same lot. The design is in the Italian Renaissance style. Interior finish will be of pine and hardwoods throughout. Oak floors will be used in all of the principal rooms. A hot water system of heating is to be installed. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. The exterior of the dwelling will be covered with cement plaster on metal lath. Roof will probably be of red clay tile. Plans are being prepared.

APARTMENT HOUSE—4 story and base, brick and steel, \$30,000. San

Francisco. Architect, August Nordin, Mills Bldg., S. F. Owners, Franklin Realty Co. The building will be erected on the north line of O'Farrell street east of Larkin, and will contain a large number of two and three room apartments. Interior will be finished in pine and redwood with hardwood and ornamental plaster in the lobby and amusement rooms. There will be steam heat and elevator service. All suites will have wall beds and private baths. A vacuum cleaning system will be installed. Bath rooms will have cement floors. The exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owners who will take figures on the work.

RESIDENCE—3 story and base, frame, \$10,000. San Francisco. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner's name withheld. The house will be erected in the south line of Jackson street near Walnut, and will contain about eight rooms, several baths and laundry. A garage will also be built on a part of the lot. Interior will be finished in hardwoods, pine and redwood. There will be furnace heat and open fire places. Mantels will be of brick and tile. Floors throughout will be of hardwood except in the baths which will have tile floors. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, E. A. Knoop, 1375-A Stevenson St., S. F. The building will be 28x66 feet, and has been arranged to contain six apartment flats. Interior finish will be of pine and redwood. There will be a bath with each apartment. A hot water heater will be installed. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, George Piper. The building has been arranged to contain two small flats of four and five rooms each with baths. Interior will be finished in pine and redwood. Modern plumbing and electric work are specified. There will be either open fire places or gas grates used. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSES—4, 3 story and base, frame, \$10,000 to \$14,000 each. San Francisco. Architects, H. Geiffuss & Son, 46 Kearny St., S. F. Owners' names withheld. Architects Geiffuss & Son have completed plans and specifications for two of these buildings and have taken figures on the same. Contracts will be awarded for the work in a short time. Plans are being prepared for two other similar buildings and bids will be taken within a few weeks. All four of the apartment houses will be erected in the Western addition.

GARAGE—2 story and base, reinforced concrete, \$25,000. San Francisco. Architect, A. Leo Ellis, Shreve Bldg., S. F. Owner's name withheld. This building will be erected on Van

Ness avenue, and is designed for a commercial garage with offices and sales rooms occupying the front portion of the structure. Interior of the offices and sales rooms will be finished in tile, marble and hardwoods. A tile floor will be used. Construction will be practically fire proof. Metal window sash and frames will be used. The exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

HOTEL—7 story and base, reinforced concrete, \$75,000. San Francisco. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected in the Fifty Vara District and will be arranged for a total of 120 rooms, all of which will have connecting baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine, redwood and hardwood. Ornamental plaster will be used in the lobby and office. The exterior of the building will be faced with pressed brick. Plans are complete and bids will be called shortly.

HOTEL—2 story and base, reinforced concrete, \$35,000. San Francisco. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building is to be erected on Mason street and will contain in the neighborhood of 60 rooms and baths. Interior finish will be of redwood and hardwood. There will be steam heat. All rooms will be supplied with hot and cold running water. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

HOTEL—6 story and base steel and brick, \$100,000. San Francisco. Architect, Creighton Withers, 125 Sutter St.; engineers, Leonard & Day, Rialto Bldg., S. F. Owner, Florence A. Browne. Contracts for parts of this work have been awarded as follows: Steel work to the Ralston Iron Works, concrete work to Foster-Vogt Co., and terra cotta to Steiger Terra Cotta Works. All other parts of the building will be handled by Day Labor except the plumbing, plastering and electric work, contracts for which have not been let.

COLLEGE—3 story and base, reinforced concrete, \$100,000. San Francisco. Architect, Sylvain Schnalttacher, First National Bank Bldg., S. F. Owners, Hetch Investment Co. The Hetch Investment Co. has leased the northwest corner of Van Ness avenue and Post street to Heald's Business College and will erect thereon a modern fireproof building. This property has a frontage of 120 feet on Van Ness and 160 feet on Post street. The building is to cover practically the entire area. Construction will be fireproof. Plans are being prepared, and while definite information of the arrangement etc. is not available the lessees state that all the various departments of this college will be provided with suitable space, and that the new building will be the most modern structure devoted exclusively to a business college of any on the coast. Actual construction will be started as soon as plans and specifications can be completed.

CAR BARN—2 story and base, brick addition, \$10,000. San Francisco. Architect, G. A. Dodge, 101 Post St., S. F. Owners, California Street Rail-

way Co. This building is in the nature of a two-story addition to the present structure on California street near Hyde. Plans for this work have been completed and placed in the hands of the owners who will do the work by Day Labor.

CONDUIT SYSTEM—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of an electric conduit system throughout the grounds of the exposition have been completed and figures are now being called for. The official proposal appears in another column of this issue. Bids will be opened on February 18th. Plans may be secured from the Director of Works at the Service Bldg., San Francisco.

STORES AND OFFICES—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, Nathaniel Blaisdell, 255 California St., S. F. Owners, C. C. Moore Engineering Co. The owners have just announced their selection of an architect to prepare plans for the improvement of the property recently purchased at the northeast corner of Mission and First streets. The new structure will have a frontage of 129 feet on First and 113 feet on Mission street. There will be a steel frame and exterior walls of brick, faced with pressed brick. The first floor will be occupied by the owners and upper floors will be arranged for offices designed to meet the requirements of engineers, assayers and other specialists. There will be steam heat, elevator service, a vacuum cleaning plant, mail chutes and other modern improvements. Metal window frames and sash are to be used. Plans are being prepared.

EDUCATIONAL BUILDING—2 story concrete and frame. Cost not stated. San Francisco. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for this building, which will be the second largest of the Exposition buildings, have been completed and approved by the Buildings and Grounds Committee. Bids are now being taken and will be opened on March 11th. Separate figures are asked for on the construction of the building and the installation of sewers, plumbing and water piping. Plans and specifications can be obtained from the Director of Works, Service Bldg., San Francisco. The official proposal appears in another column of this issue.

RAILROAD CONSTRUCTION—Cost not stated. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the completion of the Geary Street Municipal Railroad down Market street from the west line of Kearny to Market and Sutter streets have been completed and bids are now being called for. Bids will be opened by the Board of Public Works on February 26th. Plans and specifications can be secured from the Board of Public Works.

FURNISHING LOAM FOR GARDENS—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on February 25th for the furnishing of loam for the Exposition

gardens. Specifications can be secured from the Director of Works, Service Bldg., San Francisco. The official proposal appears in another column of this issue.

Contracts Awarded.

PIED—Reinforced concrete, \$436,000. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, \$436,000. Five sets of figures were received for this work and the lowest, that of Healy-Tibbitts Co. was accepted. For a complete list of the bids see under San Francisco in this issue.

HOTEL—3 story and base, brick, \$21,000. San Francisco. Architects, Hladik & Thayer, Monadnock Bldg., S. F. Owner, Charles S. Howard. Contractor, Howard S. Williams, Hearst Bldg., S. F. Contract price, \$21,000.

SEWERS—\$4,870. San Francisco. Engineer, Director of Works of the P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractor, Phillip Schuyler, First National Bank Bldg., Oakland. Contract price, \$4,870. Nine bids were submitted for this work, all of which are printed in this issue under San Francisco.

HIGH PRESSURE AND SERVICE WATER SUPPLY SYSTEM—Cost not stated. San Francisco. Engineer Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, The Turner Co., 278 Natoma St., S. F., awarded contract for the high pressure system at \$152,225, and Phillip Schuyler, First National Bank Bldg., Oakland, awarded contract for the service supply system at \$55,305.

Big Contract Let By P. P. I. E. Company

High Pressure Water Supply and Service System Contracts Let. Bids Opened for Sewers.

Nine bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Tuesday, February 11th, for the construction of sewers in the Main Roadway of the Concessions District. Phillip Schuyler of Oakland was awarded the contract on his bid of \$4,870. The following list shows the other bids presented:

F. A. Gawthorne.....	\$4700
Phillip Schuyler.....	4870
Hilmer & O'Connell.....	4975
Pringle, Dunn & Co.....	6330
Westdahl & Hennessy.....	5300
Carl Ehrhart.....	5500
James H. O'Brien.....	5980
Michael Murphy.....	7000
Contra Costa Constr Co.....	7525

Contracts were also awarded at the same meeting for the construction of the High Pressure Fire Protection System and for the Service Supply Water System. The High Pressure System went to The Turner Co., 278 Natoma Street, for \$152,225 and the Service Supply System was awarded to Phillip Schuyler of Oakland for \$55,305.

State Harbor Board Open Figures.

Bids for Construction of Pier No. 39 Show Healy-Tibbitts Co. Low And Award Made.

Five sets of bids were opened by the State Board of Harbor Commissioners at their meeting held Tuesday afternoon for the construction of Pier No. 39. Healy-Tibbitts Construction Company presented the lowest figures and were awarded the contract.

No action was taken by the State Board in regard to the bid of the Thompson Bridge Company on Pier No. 37, but that firm has secured a court injunction against the Harbor Commissioners cashing their check for 5% of the amount of their bid for that work. The Thompson Bridge Co. withdrew their bid on the construction of Pier No. 39 before the time of opening figures.

Construction Pier No. 39.	
Healy-Tibbitts Constr. Co.	\$436,400
F. Roland.....	474,000
San Francisco Bridge Co.	448,000
Pacific Wakefield Co.	443,600
Grant Smith & Co.	528,000

Bids For Reinforced Concrete Bridges.

Work on Four Bridges in the Yosemite Valley Attracts Bids From all Const. Cities.

Bids have been opened for the construction of four reinforced concrete bridges which are to be erected in the Yosemite Valley under the direction of the Department of Interior. Oscar Farlier of Tulare presented the lowest figures for the four bridges at \$27,498. All bids have been sent to Washington for approval. The following is a list of the bids as presented:

Construction of Bridges.	
Oscar Farlier, Tulare.....	\$27,498
Gildersleeve Con. Co., Napa.....	33,775
M. P. Yunker, S. F.....	37,700
W. N. Concanon, S. F.....	37,700
Elmer J. Chute, Oakland.....	37,788
Munoz & Munoz, Los Angeles.....	38,333
Midland Bridge Co., Los Angeles.....	40,134
State Constr. Co., S. F.....	41,361
William Bruce, S. F.....	49,000
Southwestern Constr. Co., Los Angeles.....	49,750
Fisher Eng. Co., Portland.....	51,313
T. K. Beard, Modesto.....	53,890
Westlake Constr. Co., Los Angeles.....	61,600

NOTICE OF NON-RESPONSIBILITY.
Feb. 14, 1913.—NE SIXTEENTH AND Rhode Island E 200 N 200 W 100 N 200 W 100 S 400. George L. and Samuel Center and Chas. T. Spader as to improvements on leased property.....

PERMITS ISSUED FROM FEBRUARY 1ST TO FEBRUARY 7TH, 1913.		
Class	No. of Bldgs. Amount	
Class "C".....	5.....	\$ 94,100
Frames.....	41.....	205,375
Alterations.....	76.....	35,219
Total.....	122.....	\$334,694

"Self-Sentering"



Cheap

Strong

Light

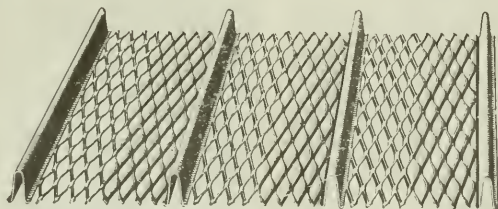
Fireproof

No Forms

THE FIREPROOFING HAND - BOOK



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**Roofs
Floors
Curtain Walls
Partitions
Ceilings**

The Lilley & Thurston Co.

RIALTO BUILDING,

SAN FRANCISCO

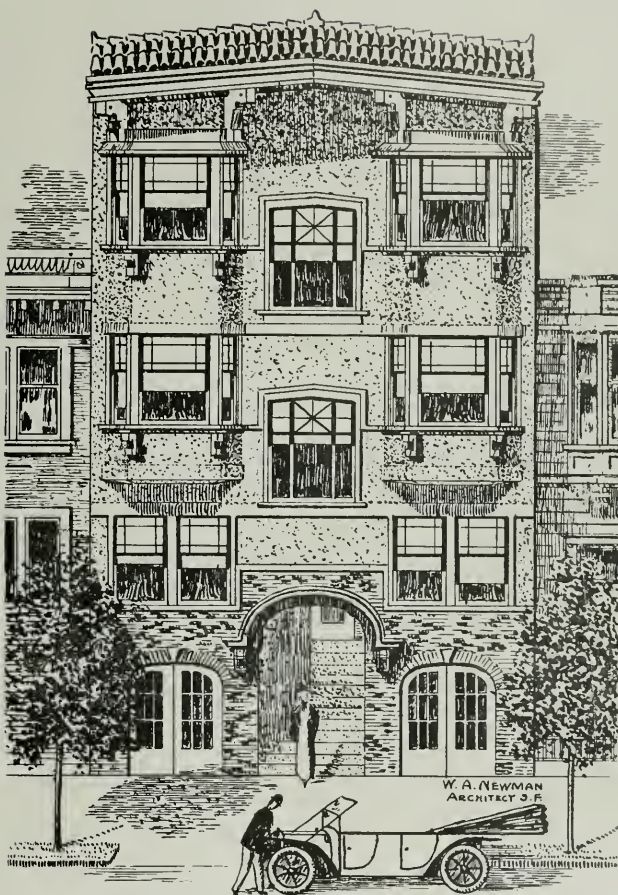


EVANGELICAL LUTHERAN CHURCH
Sacramento, Cal.

Lawrence B. Valk, Architect
Los Angeles

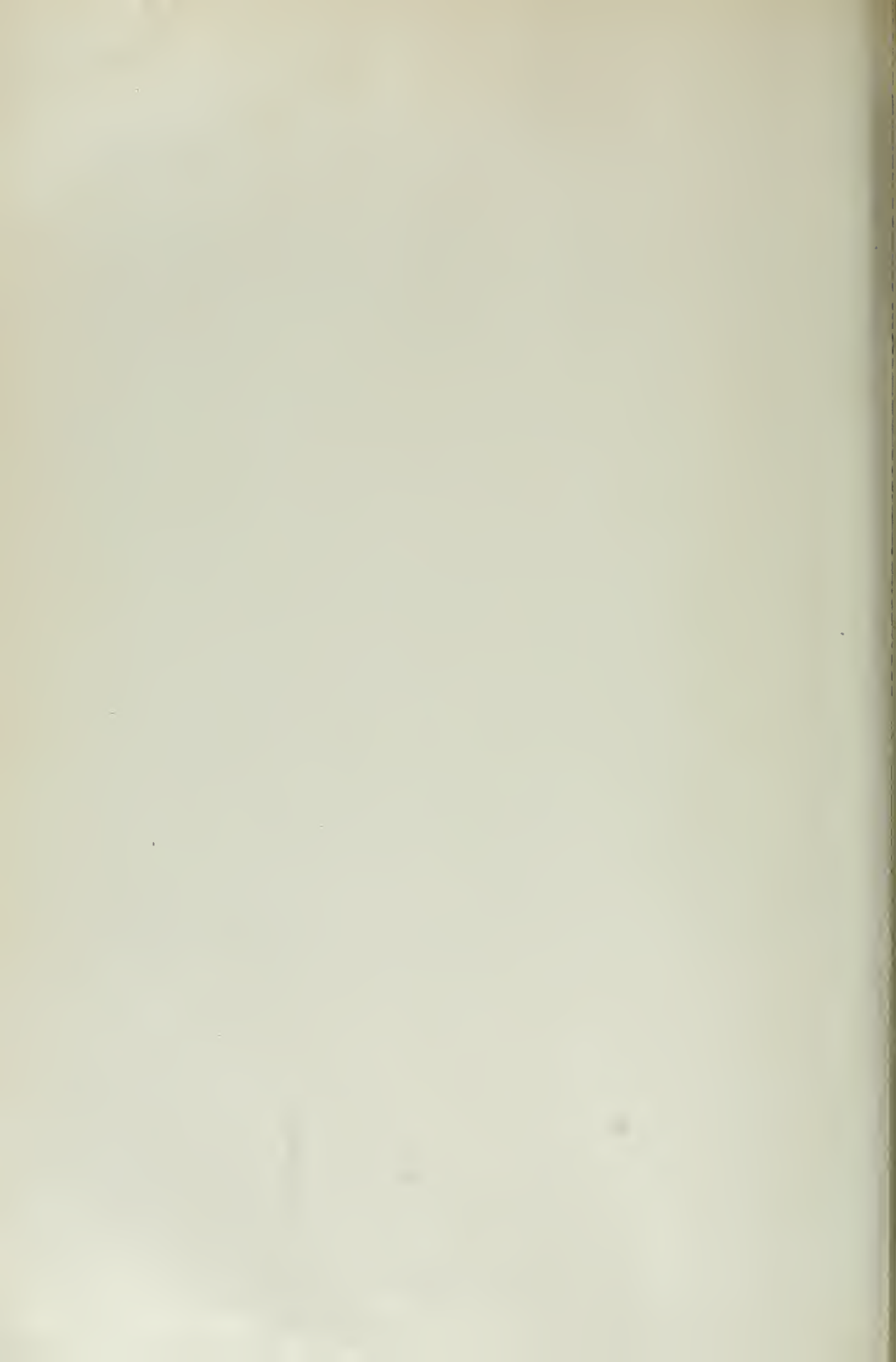
Building and Industrial News
February 18, 1913

PLATE A



APARTMENT FLATS FOR ADOLPH SPANDAU
San Francisco

William A. Newman, Architect
San Francisco



Lloyd S. Ackerman

Attorney-At-Law

Rooms 414-418 Nevada Bank Bldg.
14 Montgomery St., S. F.

BUILDING SUPERINTENDENT.

Glacken, Edw., E. General Building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Am't.
430	Mialocq	Mialocq	1000
431	Nestori	Nestori	500
432	Larsen	Larsen	1000
433	Chipinti	Chipinti	500
434	Picetti	Picetti	400
435	Laine	Laine	500
436	Kellis	Crothers	400
437	Green	Green	1000
438	Lepaoli	Segurson	6750
439	Schuppert	Burns	730
440	Union League	Braas	35000
441	Ins. Exchange	Dow	15500
442	Sam	Otis	25000
443	Same	O'Mara	2447
444	Raphael	Sutton	6014
445	Heath	Purcell	2880
446	Langenberger	Sanford	2850
447	American Fish	Speidel	1925
448	Serens	McKillop	5500
449	Palmer	Malsbary	35000
450	Heurlouille	Malmberg	3000
451	Same	Same	1000
452	David	McKillop	3500
453	Wichman	Schmidt	1000
454	Dieckelman	Walker	1500
455	Goodloe	Lansing	1000
456	Ulmert	Barry	1200
457	Duffey	McCoy	1800
458	Rosenberg	Rosenberg	5000
459	Ferris	McNeil	1000
460	Hornlein	Wells	1000
461	Welsh	Cutts	400
462	Fortney	Fortney	2000
463	Coleman	Urfer	400
464	Losquott	Losquott	1250
465	Sanders	Camp	800
466	Hilson	Deibel	450
467	Milne	Grahn	1400
468	Erdelatz	Martinelli	450
469	Mission Stone	Smith	2500
470	Newbert	Newbert	500
471	Browne	Browne	1200
472	Heyman	Heyman	2250
473	Same	Same	2500
474	Leibes	Ralston	28750
475	Same	Clinton	31250
476	Same	Emanuel	33250
477	Same	Petersen	12500
478	Same	Eichman	2850
479	Same	Morehouse	8011
480	Same	Schaefer	3000
481	Same	Rudgear	3850
482	Same	Fulfer	2750
483	Same	Otis	7000
484	Kaufman	Ellie	1289
485	Rity & Reblidg	Lyden	13060
486	Same	Wn Furnace	3350
487	Same	Condon	11869
488	Same	Lynch	40270
489	Rosa	Schalich	2700
490	Same	Cereghino	13400
491	Fibbero	Lea	1425
492	Same	Condon	2325
493	Same	Heidt	1082
494	Same	Ralston	1740
495	Same	Winney	2872
496	Same	Hinson	5700
497	Belden	Knox	3240
498	Demling	Wilson	4755
499	Schleicher	Kearns	4278
500	Same	Condon	1300
501	Cavaglieri	Cavaglieri	1000

502	Same	Same	1000
503	Same	Same	1000
504	Roussau	Roussau	8750
505	Cal Pioneers	Butcher	400
506	Selzer	Selzer	500
507	Moore	Moore	1800
508	Ruegg	Ruegg	600
509	Kundrea	Kundrea	800
510	Glynn	Glynn	400
511	Piper	Piper	2500
512	Zandora	Harder	1000
513	Pinegan	Harder	400
514	Hammond	Hammond	900
515	Brown	Brown	2800
516	Richards	Richards	700
517	Duffey	Burke	1000
518	Hanze	Westerlund	900
519	Oyster Loaf	Novelty	400
520	Ashley	Novelty	400
521	Pacific Gas	Pacific Gas	1000
522	Klaczewski	Owner	2000
523	P. P. I. E.	Sunset	13446
524	Cobb	Fisher	1776
525	Pischel	Happley	3750
526	Sullivan	Williams	19967
527	Vallergo	Houle	1500
528	Anderson	Anderson	1200
529	Same	Same	1200
530	Moneta	Brubam	1900
531	Same	Same	1900
532	Same	Same	1900
533	Same	Same	1900
534	Same	Same	1900
535	Same	Same	1900
536	Philadelphia Shoe	Owner	750
537	Beaty	Steinbauer	500
538	Knoop	Richards	800
539	Killian	Killian	500
540	Meyer	Meyer	1600
541	Evanikoff	Evanikoff	500
542	Terry	Terry	450
543	McCarthy	Hinson	500
544	Anderson	Anderson	1000
545	Coburn	Lee	600

(430) W TWENTY-THIRD AVE 125 S
Geary. One-story basement frame dwelling.

Owner....J. Mialocq, 2315 Devisadero, San Francisco.

Architect...Fahre & Bearwald, Merchants Bank Bldg., S. F.
Day's work. COST, \$1000

(431) NO. 516 PACIFIC. Alter front and alter saloon.

Owner....A. Nestori, Premises.
Architect...None.
Contractor...Geo. Nimmo, 634 Clay, S. F.

Day's work. COST, \$500

(432) S SILVER 54 E Nappes. One-story and basement frame dwelling.

Owner....L. A. Larsen, 130 Vienna, San Francisco.
Architect...None.
Day's work. COST, \$1000

(433) NO. 521 GATES. Repair and alter dwelling.

Owner....R. Chipinti et al, Prem.
Architect...None.
Day's work. COST, \$500

(434) NE NIAGARA AND LOUISBERG. Erect tank and tower.

Owner....A. Picetti, Premises.
Architect...None.
Day's work. COST, \$400

(435) NO. 50 HOFF AVE. New floor.

Owner....J. Laine, Premises.
Architect...None.
Day's work. COST, \$500

(436) NO 1257 ARGUELLO BLVD. Extend porch and install window.

Owner....C. Kellis, Premises.
Architect...None.
Contractor...F. Crothers, 1426 10th Ave., San Francisco.

Day's work. COST, \$400

(437) W EIGHTH AVE 33 S "M". One-story and basement dwelling.

Owner....F. Green, 2590 McAllister, San Francisco.
Architect...None.
Day's work. COST, \$1000

(438) S TEHAMA 75 W Fifth W 25x8 80. Labor, lumber, mill, plumbing, plaster, painting, tinning, foundation cement floor, side walk for three-story and basement frame building (rooms).

Owner....G. Lepaoli, 57 Pierce, S. F.
Architect...None.
Contractor...Segurson Bros., 1545 Folsom, San Francisco.

Filed Feb. 10, '13. Dated Feb. 10, '13.
Frame up\$1687.50
Brown coated1687.50
Finished1687.50
Usual 35 days.1687.50

TOTAL COST, \$6750.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(439) N EIGHTEENTH 149-9 E Guerrero N 100x6 25. All work except painting, grading and concrete foundation forms for three-story and basement frame flats.

Owner....A. F. and Alice M. Schuppert, 1593 Post, S. F.
Architect...John J. Foley, Monadnock Bldg., San Francisco.

Contractor...John Burns, 2612 McAllister, San Francisco.
Filed Feb. 10, '13. Dated Feb. 7, '13.

Frame up\$1592.50
Brown coated1592.50
Completed and accepted.1592.50
Usual 35 days.1592.50

TOTAL COST, \$6370.00
Bond, \$3420. Sureties, Jas. L. Hoover and Jos. Burns. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(440) SE POWELL AND O'FARRELL. Alterations and additions to Bar Alcove of Billiard Room and doors separating Red and Tapestry dining rooms of Club Building.

Owner....Union League Club.
Architect...Leo. H. Smith.
Contractor...Braas & Kuhn Co., 58 Dearborn, San Francisco.

Filed Feb. 10, '13. Dated Feb. 7, '13.
Entire satisfactory completion of work\$547.50
Usual 35 days after filing completion notice182.50

TOTAL COST, \$730.00
Bond, \$730. Surety, Nicholas Epting. Limit, none. Forfeit, none. Plans and specifications filed.

(441) SW CALIFORNIA & LEIDESDORFF. Elevator pump in Merchants' Exchange Building.

Owner....The Insurance Exchange.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...The Dow Pump & Diesel Engine Co., Sheldon Bldg., San Francisco.
Filed Feb. 11, '13. Dated Feb. 5, '13.

On May 1st.15%
On June 1st.15%
On July 1st.15%
On August 1st.15%
On September 1st.15%

Usual 35 days.25%
TOTAL COST, \$15,500
Bond, \$8000. Surety, Pacific Coast Casualty Co. Limit, Sept. 1, '13. Forfeit, \$30. Plans and specifications filed

(442) SE CALIFORNIA & LEIDESDORFF N 107-6x137-6. Elevator plant consisting of 4 hydraulic circulating machines and a sidewalk lift for building.

- Owner.....The Insurance Exchange.
Architect.....Willis Polk & Co., Merchants' Bldg., S. F.
Contractor.....The Otis Elevator Co., Beach & Stockton, S. F.
Filed Feb. 11, '13. Dated Feb. 5, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$29,500
Bond, \$15,000. Surety, National Surety Co. Limit, Aug. 1, '13. Forfeit, \$30. Plans and specifications filed.
- (443) SE CALIFORNIA & LEIDESDORFF N 107-6x137-6 and SW Cor. said streets which latter is Merchant's Exchange Bldg. Pipe connections bet. Merchants' Exchange and Insurance Exchange Buildings.
Owner.....The Insurance Exchange.
Architect.....Willis Polk & Co., Merchants' Bldg., S. F.
Contractor.....J. E. O'Mara, 449 Minna, San Francisco.
Filed Feb. 11, '13. Dated Feb. 5, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2,447
Bond, \$1,300. Surety, Pacific Coast Casualty Co. Limit, Aug. 1, '13. Forfeit, \$20. Plans and specifications filed.
- (Correction in Total)
(444) S SOUTH PARK AND SECOND SE 137-6xSW122. Automatic sprinkler equipment and hose reel equipment for three-story reinforced concrete building.
Owner.....Nat Haphael, 3536 Clay, San Francisco.
Architect.....W. H. Crim Jr., 425 Kearny, San Francisco.
Contractor.....John G. Sutton Co., 229 Minna, San Francisco.
Filed Feb. 11, '13. Dated Feb. 5, '13.
On 1st of each month..... 75%
Usual 35 days, 25%.....\$1503.50
TOTAL COST, \$6014.00
Bond, \$3,100. Surety, Pacific Coast Casualty Co. Limit, none. Forfeit, \$10
Plans and specifications filed.
- (445) N TWENTY-FOURTH 280 W Douglas W 25-10xN 114. All work for two-story frame building.
Owner.....Wm. C. and Pearl Heath, 4411 24th, S. F.
Architect.....None.
Contractor.....J. S. Purcell, 856 Presidio Ave., San Francisco.
Filed Feb. 11, '13. Dated Feb. 10, '13.
Frame up and completed.....\$650
Brown coated..... 650
Completed and accepted..... 700
\$550 to be taken as mtge. to be paid in \$30 monthly installments
TOTAL COST, \$2,880
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
- (446) SW LEAVENWORTH AND FRANCISCO S 82-6xW 68-9. Alterations to frame residence, a three-room lodge and addition to garage.
Owner.....Amadens G. Langenberger 2455 Leavenworth, S. F.
Architect.....None.
Contractor.....Percy M. Sanford, 2578 California, S. F.
Filed Feb. 11, '13. Dated Feb. 4, '13.
Frames up of all additions.....\$500
When roofed and sheathing and shingles on..... 500
Interior finished and all walls plastered or finished..... 500
Completed and accepted..... 600
Usual 35 days..... 750
TOTAL COST, \$2,850
- Bond, \$1425. Sureties, D. B. Macdonald and J. A. Mohr. Limit, 90 days. Forfeit, none. Plans and specifications filed
- (447) N CLAY 127-5 E Montgomery E 45-10xN 122. Carpenter, brick, plumbing, iron, roofing, electric work, painting for alterations to building.
Owner.....The American Fish & Oyster Co., 556 Clay, S. F.
Architect.....A. W. Cornelius, 625 Market, San Francisco.
Contractor.....P. F. Spedel, 402 Kearny, San Francisco.
Filed Feb. 11, '13. Dated Feb. 5, '13.
When smoke houses completed except painting..... 25%
Completed and accepted..... 50%
Usual 25 days..... 25%
TOTAL COST, \$1,925
Bond, \$962.50. Surety, Pacific Coast Casualty Co. Limit, 30 days. Forfeit, \$20. Plans and specifications filed.
- (448) N ANZA 82-6 E Seventh Ave. Three-story and basement frame flats.
Owner.....Mrs. and Mr. Sernes, 540 Anza, San Francisco.
Architect.....None.
Contractor.....MacKillop & Pagadal, 540 Anza, San Francisco.
COST, \$5,500
- (449) S BUSH 107-6 W Leavenworth. Four-story and basement brick (16) apartments.
Owner.....Harry Palmer, 922 Rialto Bldg., San Francisco.
Architect.....None.
Contractor.....E. L. Malsbary, 922 Rialto Bldg., San Francisco.
COST, \$35,600
- (450) N NINETEENTH 175 E Sanchez One and one-half-story and basement frame dwelling.
Owner.....L. W. Heurilouille, 3850 19th San Francisco.
Architect.....None.
Contractor.....S. Malmburg, 3994 23rd, San Francisco.
COST, \$3,000
- (451) N NINETEENTH 150 E Sanchez One and one-half-story and basement frame dwelling.
Owner.....L. W. Heurilouille, 3850 19th San Francisco.
Architect.....None.
Contractor.....S. Malmburg, 3994 23rd, San Francisco.
COST, \$3,000
- (452) S CALIFORNIA 150 E Scott. Three flats to be changed into apartments. Plumbing, wiring and steam heat to be installed.
Owner.....H. H. Davis, SW Page and Masonic Ave., S. F.
Architect.....None.
Contractor.....McKillop Bros., 540 Cole, San Francisco.
COST, \$3,500
- (453) NO. 736 MARKET. Erect mezzanine floor and two tile partitions.
Owner.....Wichman & Wilhelm, 736 Market, San Francisco.
Architect.....Fred Meyer, Bankers' Investment Bldg., S. F.
Contractor.....M. Schmidt, 1816 Virginia, Berkeley.
COST, \$1,000
- (454) S GEARY 28-9 E Jones. Repair rooming house.
- Owner.....H. Dieckelman Jr. et al, 1073 Monadnock Bldg., S. F.
Architect.....None.
Contractor.....P. J. Walker Co., 1073 Monadnock Bldg., S. F.
COST, \$1,500
- (455) S FILBERT 137-6 E Pierce. One-story frame garage.
Owner.....Paul T. Goodloe, 2393 Filbert, San Francisco.
Architect.....None.
Contractor.....Frank A. Lansing, 402 Kearny, San Francisco.
COST, \$1,000
- (456) S GRAFTON 50 W Plymouth. One-story and basement frame dwlg.
Owner.....W. Ulmer, 222 Raymond Ave., San Francisco.
Architect.....None.
Contractor.....Stephenson & Parry, 222 Raymond, San Francisco.
COST, \$1,200
- (457) W TWENTY-SEVENTH AVE 200 N Judah. One and one-half-story and basement frame dwelling.
Owner.....Catherine Duffey, 3200 17th, San Francisco.
Architect.....None.
Contractor.....H. E. McCoy, 841 Capp, San Francisco.
COST, \$1,800
- (458) W COMMONWEALTH AVE 605 S Euclid Ave. Two-story and basement frame dwelling.
Owner.....Isidor Rosenberg, 1570 Greenwich, San Francisco.
Architect.....Joseph Cahen, 45 Kearny, San Francisco.
Day's work.....
COST, \$5,000
- (459) W LUNDY LANE 175 S Esmeralda. One-story and basement frame dwelling.
Owner.....R. Ferrito, 111 Lundy Lane, San Francisco.
Architect.....None.
Contractor.....James McNeil, 674 Vienna, San Francisco.
COST, \$1,000
- (460) NOS. 100-106 WEBSTER. Repair fire damages.
Owner.....Mary Hornlein, 114 Webster, San Francisco.
Architect.....None.
Contractor.....J. C. Wells, 85 Parnassus Ave., San Francisco.
COST, \$1,000
- (461) NO. 2639 FOLSOM. Ralse and repair dwelling.
Owner.....Joe Welsh, 276 Sagamore, San Francisco.
Architect.....None.
Contractor.....L. C. Cutts, 20 De Wolf, San Francisco.
COST, \$400
- (462) W TWENTY-SECOND AVE 240 S Ulloa. One-story and basement frame dwelling.
Owner.....Louis Fortney, 118 Capp, San Francisco.
Architect.....J. M. Geary, 23rd and Folsom, San Francisco.
Day's work.....
COST, \$2,000
- (463) NO. 77 THIRD. Remove plates in front and install sash.
Owner.....Alice S. Coleman, San Mateo.
Architect.....None.
Contractor.....Chas. E. Urfer, 2650 Post, San Francisco.
COST, \$400

(64) E DE HARO 175 S 22nd. One-story and basement frame dwelling.
Owner.....Fred Losquutoff, 871 Rhode Island, San Francisco.
Architect...R. F. Austin, 940 Jackson, San Francisco.
Day's work. COST, \$1250

(65) NW RAIL ROAD AND PALOU. Concrete foundation and rat proof.
Owner.....Estate of Sarah Sanders, Humboldt Bank Bldg., % J. F. Davis, San Francisco.
Architect...None.
Contractor..Camp & Carrillon, 180 Jessie, San Francisco.
COST, \$800

(66) NO. 426 PACIFIC. Erect board partition, new front and new floor.
Owner.....A. Hilson, 2 Gunst Bldg., San Francisco.
Architect...None.
Contractor..Louis J. Delbel.
COST, \$450

(67) E ANDERSON 150 S Jarboe. One and one-half-story and basement frame dwelling.
Owner.....John Milne, 451 Anderson, San Francisco.
Architect...None.
Contractor..Wm. Grahn, 3008 Harrison San Francisco.
COST, \$1400

(68) N TOWNSEND 45 W Japan. Remove wall and erect foundation.
Owner.....J. Erdelatz, 64 Townsend, San Francisco.
Architect...None.
Contractor..J. Martinelli, 1122 Montgomery, San Francisco.
COST, \$450

(69) W HARRISON 137-6 N 19th. Owner.....Mission Stove Foundry. Two-story frame warehouse.
Architect...None.
Contractor..W. P. Smith, 109 Brazil Ave., San Francisco.
COST, \$2500

(70) NO. 9 FAIR AVE. Add two bath rooms and alter entrance.
Owner.....F. W. Newbert, 34 Powers Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(71) W CARSON 156 W Douglass. One and one-half-story and basement frame dwelling.
Owner.....J. F. Browne, 392 Guerrero San Francisco.
Architect...None.
Day's work. COST, \$1200

(72) E SEVENTEENTH AVE 175 S Geary. Two-story and basement frame residence.
Owner.....O. Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$2250

(73) E SEVENTEENTH AVE 150 S Geary. Two-story and basement frame residence.
Owner.....O. Heyman & Bro., 742 Market, San Francisco.
Architect...None.
Day's work. COST, \$2250

(74) SW SANSOME AND SUTTER W 69-8 1/2 S 69-7 NE 85-10% N 19-4 1/2. Furnishing, delivering, setting in

place of structural steel, cast iron bases, painting, etc., for ten-story Class "A" office building.
Owner.....Isaac Liebes and Albert Meyer, 177 Post, S. F.
Architect...Havens & Toepke, 46 Kearny, San Francisco.
Contractor..Ralston Iron Works, 20th and Indiana, S. F.

Filed Feb. 13, '13. Dated Jan. 15, '13.
Payments on 1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, \$23,770
Bond, \$14,385. Surety, Massachusetts Bonding & Insurance Co. Limit, 200 days. Forfeit, \$25. Plans and specifications filed.

(475) EXCAVATING, CONCRETE foundation, reinforced concrete walls and floor slabs, concrete fireproofing, outside cement plaster and Gliddenit coating on above.
Contractor..Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Filed Feb. 13, '13. Dated Jan. 14, '13.
Payments same as above.....
TOTAL COST, \$31,250
Bond, \$15,625. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, \$50. Plans and specifications filed.

(476) CARPENTER, TERRAZZO floors, marble wainscoting, flooring, sleepers, concrete fill, sheet metal, hardwood finish and mill work on above.
Contractor..L. & E. Emanuel, 144 12th, San Francisco.
Filed Feb. 13, '13. Dated Jan. 14, '13.
Payments same as above.....
TOTAL COST, \$32,250
Bond, \$17,000. Sureties, Oscar Heyman and Maurice Greenberg. Limit, as fast as required. Forfeit, \$50. Plans and specifications filed.

(477) PLUMBING, SEWERING, GAS fitting, heating and ventilating on above.
Contractor..Petersen-James Co., 710 Larkin, San Francisco.
Filed Feb. 13, '13. Dated Jan 13, '13.
Payments same as above.....
TOTAL COST, \$12,500
Bond, \$6250. Sureties, R. W. Kinney and J. H. Wright. Limit, as fast as required. Forfeit, \$50. Plans and specifications filed.

(478) CONDUIT WORK, ELECTRIC wiring, switches, etc., on above.
Contractor..Bachman Elec. Co., 681 Market, San Francisco.
Filed Feb. 13, '13. Dated Jan. 13, '13.
Payments same as above.....
TOTAL COST, \$2859
Bond, \$1429.50. Surety, Massachusetts Bonding & Insurance Co. Limit, as fast as required. Forfeit, \$25. Plans and specifications filed.

(479) METAL LATH, PLASTER, FUR-ring, suspended ceilings and metal studs, etc., on above.
Contractor..C. C. Morehouse, Crocker Bldg., San Francisco.
Filed Feb. 13, '13. Dated Jan. 13, '13.
Payments same as above.....
TOTAL COST, \$8011
Bond, \$4005. Surety, National Surety Co. Limit, 45 days. Forfeit, \$50. Plans and specifications filed.

(480) PAINTING, VARNISHING, tinting, etc., on above.
Contractor..Fred Schaefer.
Filed Feb. 13, '13. Dated Jan. 13, '13.
Payments same as above.....
TOTAL COST, \$3009
Bond, \$1500. Surety, Baas Hueter Paint Co. Limit, 40 days. Forfeit, \$25. Plans and specifications filed.

(481) ORNAMENTAL IRON, CAST iron stairs, balustrades, elevator fronts, marquise, awning boxes, etc., on above.
Contractor..Rudgear-Merle Co., Bay & Stockton, San Francisco.
Filed Feb. 13, '13. Dated Jan. 13, '13.
Payments same as above.....
TOTAL COST, \$9850
Bond, \$4925. Sureties, A. E. and A. Shabara Limit, as fast as required. Forfeit, \$50. Plans and specifications filed.

(482) GLASS AND GLAZING, EX-cept marquise, elevator fronts, store fronts and mirrors, interior glass on 1st floor and basement on above.
Contractor..W. P. Fuller & Co., Beale and Mission, San Francisco
Filed Feb. 13, '13. Dated Jan. 13, '13.
Payments same as above.....
TOTAL COST, \$3750
Bond, \$1875. Surety, E. E. Simmona and F. T. McHenry. Limit, 20 days after building ready. Forfeit, \$25. Plans and specifications filed.

(483) FURNISHING AND SETTING in place of two electric passenger elevators on above.
Contractor..Otis Elevator Co., Beach and Stockton, S. F.
Filed Feb. 13, '13. Dated Jan. 14, '13.
Machines delivered to bldg.....\$5000
Machines in position.....1750
Completed and accepted.....1750
TOTAL COST, \$7000
Bond, \$3500. Surety, National Surety Co. Limit, as fast as possible. Forfeit, \$50. Plans and specifications filed.

(484) NOS. 350 AND 352 KEARNY. New store front and partition in basement and partition enclosing toilet for building.
Owner.....The Kaufmann Realty Co.
Architect...Alfred H. Jacobs, 110 Sutter, San Francisco.
Contractor..A. F. Ellet, 1762 Broadway, Oakland.
Filed Feb. 13, '13. Dated Feb. 11, '13.
Completed and accepted.....
TOTAL COST, \$1289
Bond, \$645. Sureties, F. G. Becker and B. G. Ensign. Limit, none. Forfeit, none. Plans and specifications filed.

(485) NE TURK AND FILLMORE N 275x E 130. Lath and plaster four-story and basement reinforced concrete building (stores and apartments).
Owner.....Realty & Rebuilding Co. by Macdonald & Kahn, Rialto Bldg., San Francisco.
Architect...Miller & Colmesnil, Lick Bldg., San Francisco.
Contractor..Lyden & Brickel, 269 Fell, San Francisco.
Filed Feb. 13, '13. Dated Feb. 8, '13.
10th of each month..... 75%
36 days 25%
TOTAL COST, \$13,060
Bond, \$6530. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans and specifications filed.

(486) SHEET METAL WORK ON ABOVE.
Contractor..Western Furnace & Corralice Co., 1645 Howard, San Francisco.

Filed Feb. 13, '13. Dated Jan. 17, '13.
Payments same as above.....

TOTAL COST, \$3350
Bond, \$1675. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans and specifications filed.

(487) PLUMBING ON ABOVE.
Contractor..Condon & Band, 318 Ellis, San Francisco.

Filed Feb. 13, '13. Dated Jan. 22, '13.
Payments same as above.....

TOTAL COST, \$11,869
Bond, \$5834.50. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans and specifications filed.

(488) CONCRETE WORK ON ABOVE
Contractor..A. Lynch, 185 Stevenson, San Francisco.

Filed Feb. 13, '13. Dated Jan. 27, '13.
Payments same as above.....

TOTAL COST, \$40,270
Bond, \$20,500. Surety, Massachusetts Bonding & Insurance Co. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(489) S TWENTY-EIGHT 100 W Church S 34x100. Plumbing, sewerage and gas fitting for three-story and basement frame stores and apartments.

Owner.....Alberto Rosa, 526 Front, San Francisco.

Architect...Welsh & Carey, Merchants' National Bank Bldg., San Francisco.

Contractor..John A. Schallich, 1627 Church, San Francisco.

Filed Feb. 13, '13. Dated Feb. 10, '13.

Roughed in\$1000
Completed 1025

Usual 35 days..... 675

TOTAL COST, \$2700
Bond, \$1350. Sureties, O. G. Freyer, Smith and Fred Sulger. Limit, 50 days Forfeit, \$10. Plans and specifications filed.

(490) ALL WORK EXCEPT PLUMBING, etc., on above.
Contractor..L. Cereghino & Son, 6 Marshall, San Francisco.

Filed Feb. 13, '13. Dated Feb. 10, '13.

Frame up and enclosed.....\$3000

Plaster finished3000

Standing finish on2500

Completed and accepted..... 2675

Usual 35 days..... 1725

TOTAL COST, \$14,900

Bond, \$7450. Sureties, R. Cereghino & G. B. Cordano. Limit, 120 days. Forfeit, \$10. Plans and specifications filed

(491) NW HOWARD 370 SW Third SW 40xNW 80. Lath and plaster for three-story and basement Class "C" building.

Owner.....Clara Bibbero.

Architect...Bernard J. Joseph, 1st National Bank Bldg., S. F.

Contractor..Leaf & Kaiser, 402 Kearny, San Francisco.

Filed Feb. 13, '13. Dated Feb. 3, '13.

Building lathed & brown coated.....\$600

Completed and accepted..... 465

Usual 35 days..... 360

TOTAL COST, \$1425

Bond, \$712.50. Surety, Globe Indemnity Co. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(492) SEWERING, PLUMBING, GAS fitting, steam piping radiators, pipe covering, valves, etc., on above.
Contractor..Condon & Band, 318 Ellis, San Francisco.

Filed Feb. 13, '13. Dated Feb. 3, '13.

Rough plumbing and steam piping completed\$870

Completed and accepted..... 870

Usual 35 days..... 585

TOTAL COST, \$2325

Bond, \$1170. Sureties, C. W. Morris & J. H. Wright. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(493) TIN AND GALVANIZED IRON work, etc., on above.

Contractor..W. Heldt Cornice Works, 152 First, San Francisco.

Filed Feb. 13, '13. Dated Feb. 3, '13.

Brackets, galvanized iron belt courses and cornices set.....\$300

Galvanized iron work in light courts, all tinning and flashing and all bay window galvanized iron completed 300

Completed and accepted..... 211

Usual 35 days..... 271

TOTAL COST, \$1082

Bond, \$550. Surety, National Surety Co. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

(494) STRUCTURAL WROUGHT IRON and steel work, miscellaneous iron work, trap door, sidewalk lights, fire escapes, wrought iron grilles, etc., on above.

Contractor..Ralston Iron Works, 20th and Indiana, San Francisco

Filed Feb. 13, '13. Dated Feb. 3, '13.

Steel columns and girders, etc to 2nd floor line.....\$650

Completed and accepted..... 650

Usual 35 days..... 440

TOTAL COST, \$1740

Bond, \$875. Surety, Pacific Coast Casualty Co. Limit 25 working days from recording. Forfeit, \$5. Plans and specifications filed.

(495) COMMON AND FACE BRICK, cementing fire walls, window sills, flue linings, etc., on above.

Contractor..Whitney & Davies.

Filed Feb. 13, '13. Dated Feb. 3, '13.

Brick work done to bottom of 3rd floor joists, etc.....\$1077

Completed and accepted..... 1077

Usual 35 days..... 718

TOTAL COST, \$2872

Bond, \$1436. Surety, Aetna Accident Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.

(496) MILL, CARPENTER, POLISH, stairs, hardware, glass, fiberstone flooring, etc., on above.

Contractor..L. A. Hinson, 150 Jessie, San Francisco.

Filed Feb. 13, '13. Dated Feb. 3, '13.

1st, 2nd and 3rd floors set and bearing partitions set on 2nd and 3rd floors, etc.....\$ 750

Rough frame completed, roof boarded, floors laid and stairs up 750

Sash glazed and hung, base and picture molding on and store fronts ready for glazing..... 1000

Completed and accepted..... 1275

Usual 35 days..... 1425

TOTAL COST, \$5700

Bond, \$2850. Surety, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 90 days. Plans and specifications filed.

(497) E NINETEENTH AVE 125 Anza S 25x120. All work for two story frame residence.
Owner.....J. W. Belden, 1826 Bu San Francisco.

Architect...None.

Contractor..Orrin Knox, 524 7th Av San Francisco.

Filed Feb. 13, '13. Dated Feb. 7, '13.

Frame up 1000

Brown coated 1000

Completed and accepted..... 1000

Usual 35 days..... 1000

TOTAL COST, \$3200

Bond, \$1623. Surety, Fidelity & Deposit Co. of Maryland. Limit, May '13. Forfeit, none. Plans and specifications filed.

(498) W POLK 95-9 N Clay N 31 W 123-6 S 31-6 E 120. All work for one-story and basement frame sto building.

Owner.....Mrs. Clara J. Deming, 11 Pine, San Francisco.

Architect...None.

Contractor..Wilson & Christensen, 8 Hearst Bldg., S. F.

Filed Feb. 13, '13. Dated Feb. 6, '13.

Rough boards on\$1783

Completed and accepted..... 1783

Usual 35 days..... 1188

TOTAL COST, \$4755

Bond, none. Limit, 39 days. Forfeit, none. Plans and specifications filed.

(499) N O'FARRELL 100-5 W Franklin W 33-3x120. All work for alterations and additions except plumbing, plastering, painting and papering electric wiring, marble work, steam heating, wall beds, hardwood floor light fixtures, finish hardware and shades for three-story frame apartments.

Owner.....August Schleicher.

Architect...J. F. Dunn, Monadnock Bldg., San Francisco.

Contractor..Kearns & Flanagan, 11 Ellis, San Francisco.

Filed Feb. 13, '13. Dated Feb. 10, '13.

Frame up of new rear addition.....\$ 8

Ready for lathing..... 8

Standing finish on 8

Completed and accepted..... 8

Usual 35 days..... 10

TOTAL COST, \$42

Bond, \$2139. Sureties, Eugene McCa and Jas. Hurley. Limit, 60 days from Feb. 10, '13. Forfeit, \$7. Plans and specifications filed.

(500) SEWERING, PLUMBING AND gas fitting on above.

Contractor..Condon & Band, 318 Ellis, San Francisco.

Filed Feb. 13, '13. Dated Feb. 11, '13.

Roughed in\$4

Finished and accepted..... 5

Usual 35 days..... 3

TOTAL COST, \$13

Bond, \$650. Sureties, R. W. Kinney & C. W. Morris. Limit, 60 days from Feb. 11. Forfeit, none. Plans and specifications filed

(501) N NINETEENTH 50 E S Bruno. One-story and basement frame dwelling.

Owner.....G. Cavaglieri, 593 Potrero Ave., San Francisco.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Day's work..... COST, \$100

(502) N NINETEENTH 25 E S Bruno. One-story and basement frame residence.

wner.....G. Cavaglieri, 593 Potrero Ave., San Francisco.
rchitect...O. E. Evans, 2367 Mission, San Francisco.

ay's work. COST, \$1000

(503) N NINETEENTH 75 E San Bruno. One-story and basement frame residence.
wner.....G. Cavaglieri, 593 Potrero Ave., San Francisco.

rchitect...O. E. Evans, 2367 Mission, San Francisco.

ay's work. COST, \$1000

(504) SE PACIFIC AND LARKIN. Three-story and basement frame store and apartments.
wner.....Rousseau Realty Co., Monadnock Bldg., S. F.

rchitect...A. E. and C. M. Rousseau, Monadnock Bldg., S. F.

ay's work. COST, \$8750

(505) W FOURTH 75 N Jessie. Underpin wall.
wner.....California Pioneer Association, Lick Place, S. F.

rchitect...None.

contractor...Butcher & Hadley, 180 Jessie, San Francisco.

COST, \$400

(506) NO. 337 LEXINGTON. Add two rooms.

wner.....Max Selzer, 471 Valley, San Francisco.

rchitect...None.

ay's work. COST, \$400

(507) E EDINBURGH 125 N East Bay Boulevard. One-story and basement frame dwelling.

wner.....W. L. Moore, 99 First, S. F.

rchitect...None.

ay's work. COST, \$1800

(508) W BRYANT 25 S 21st. Erect store room.

wner.....Ruegg Bros., 2306 Bryant, San Francisco.

rchitect...None.

ay's work. COST, \$600

(509) NO. 31 VIRGINIA AVE. Alter residence.

wner.....G. Kundera, Premises.

rchitect...Hradik & Thayer, Monadnock Bldg., S. F.

ay's work. COST, \$800

(510) NO. 1582 MCKINNON AVE. Raise dwelling, underpin and add foundation.

wner.....Mrs. Glynn, Premises.

rchitect...None.

Contractor...J. M. Burns, 101 Thornton Ave., San Francisco.

COST, \$400

(511) N HENRY 495 W Castro. Two-story and basement frame flats.

wner.....Joe Piper, 278 Henry, S. F.

rchitect...Fatch & Knell, Hearst Bldg., San Francisco.

ay's work. COST, \$2500

(512) S INGERSON 225 E Jennings. One-story and basement frame dwlg.

wner.....M. Zendgrap, 1055 Ingerson, San Francisco.

rchitect...None.

ay's work. COST, \$1000

(513) N FOLSOM 500 E Sixth. One-story blacksmith shop.

wner.....J. Finnegan, 412 Capp, San Francisco.

rchitect...None.

Contractor...John Harder, 40 Shipley, San Francisco.

COST, \$400

(514) S GILMAN 75 E Ingalls. One-story and basement frame dwlg.

Owner.....C. C. Hammand, 1141 Gillman Ave., San Francisco.

rchitect...None.

ay's work. COST, \$900

(515) W SIXTH AVE 325 N Kirkham. Two-story and basement frame residence.

Owner.....Lillie Brown, 1434 6th Ave., San Francisco.

rchitect...None.

Contractor...L. Brown, 1434 6th Ave., San Francisco.

COST, \$2800

(516) W GATES 150 N Powhattan. One-story and basement frame dwlg.

Owner.....Mason M. Richards, 56 Ellsworth, S. F.

rchitect...None.

ay's work. COST, \$700

(517) W SUNNYSIDE 125 N Forester. One-story and basement frame dwlg.

Owner.....Edward A. Duffey, 314 27th, San Francisco.

rchitect...None.

Contractor...James Burke, 1436 Guerrero, San Francisco.

COST, \$1000

(518) NO. 64 DE LONG. Alter residence into flats and add plumbing.

Owner.....Mr. Hanze, 60 De Long Ave., San Francisco.

rchitect...None.

Contractor...John Westerlund, 1564 35th Ave., Fruitvale.

COST, \$900

(519) NO. 61 EDDY. Electric sign.

Owner.....Oyster Leaf Cafe, Premises

rchitect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$100

(520) NW SIXTH AND MISSION. Electric sign.

Owner.....E. Ashley, Premises.

rchitect...None.

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$400

(521) SE SEVENTH AND MARKET. Erect small house on roof.

Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.

rchitect...None.

ay's work. COST, \$1000

(522) S MORAGA 120 E Ninth Ave. Alter, repair and add to store and flat.

Owner.....Z. Kleczewski, 1708 9th Ave., San Francisco.

rchitect...None.

ay's work. COST, \$2000

(523) EXPOSITION SITE. Grading site for Liberal Arts Building, Court of Honor, north entrance to Court of Honor, north road and Fulton basin docks.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

rchitect...None.

Contractor...Sunset Construction Co., 62 Post, San Francisco.

Filed Feb. 14, '13. Dated Feb. 7, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$13,446

Bond, \$7000. Surety, National Surety Co. Limit, 100 days. Forfeit, \$15.

Plans and specifications filed.

(524) W PARKER AVE 333-4 N Euclid Ave N 40xW 120. All work except painting and tinting for two-story and basement frame flats.

Owner.....Edith S. Cobb, 54 Commonwealth Ave., S. F.

rchitect...Fred B. Wood, 2211 Steiner, San Francisco.

Contractor...M. Fisher, 105 Montgomery, San Francisco.

Filed Feb. 14, '13. Dated Feb. 12, '13.

Rough frame boarded in and rough plumbing in, rough floors in.....\$1794

Patent chimneys up, shingled outside and one coat motor on..... 1794

Completed and accepted..... 1794

Usual 35 days..... 1729

TOTAL COST, \$7176

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—These payments are correct as given in the document on file.

(525) N PINE 110 W Franklin W 27-6 xN 137-6 WA 126. All work except oil installation, light fixtures, trimming, hardware and shades for two-story building with reinforced concrete for 1st story and frame and shingles for 2nd story (garage and chauffeur's dwelling.)

Owner.....Kaspar Fischel, 1817 California, San Francisco.

rchitect...Nathaniel Blaisdell, 255 California, San Francisco.

Contractor...L. Hippely, 1461 Grove, San Francisco.

Filed Feb. 14, '13. Dated Feb. 14, '13.

Reinforced concrete poured.....\$703

Roof slated..... 703

Plastering completed..... 703

Usual 35 days..... 338

TOTAL COST, \$3750

Bond, \$1875. Surety, National Surety Co. Limit, 60 days from recording.

Forfeit, \$10. Plans and specifications filed.

(526) SE THIRD AND TEHAMA S 30 E 80 S 50 E 25 N 80 W 105. All work for three-story Class "C" stores and rooms.

Owner.....Walter H. Sullivan, 2062 Grove, San Francisco.

rchitect...Hradik & Thayer, Monadnock Bldg., S. F.

Contractor...Howard S. Williams.

Filed Feb. 14, '13. Dated Feb. 10, '13.

2nd story joists laid.....\$3746.25

Roof on..... 3746.00

Brown coated..... 3746.00

Finished and accepted..... 3743.00

Usual 35 days..... 4991.75

TOTAL COST, \$19,967.00

Bond, \$9983.50. Surety, D. B. MacDonald and J. O'Shea. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

(527) NW ATHENS 100 NE France Ave NE 50xNW 100 Ptn Lot 5 Bldg 62.

Excelsior Hd. Carpenter, concrete, plumbing, painting, plaster, etc., for four-room and bath cottage.

Owner.....Tony Vallegro.

rchitect...None.

Contractor...David Houle, 659 Market, San Francisco.

Filed Feb. 14, '13. Dated Feb. 1, '13.

Frame up.....\$375

Plastered 375
Completed 375
Usual 35 days..... 375

TOTAL COST, \$1500

Bond, none. Limit, 70 days. Forfeit.
None. Plans and specifications file 1.

(528) E ANDERSON 150 S Ogden.
One-story and basement frame residence.

Owner.....K. Anderson, 291 Church, S. F.
Architect...None.
Day's work. COST, \$1200

(429) E ANDERSON 125 S Ogden.
One-story and basement frame residence.

Owner.....K. Anderson, 291 Church, S. F.
Architect...None.
Day's work. COST, \$1200

(530) S STAPLES 150 E Genesee. One
story and basement frame residence.
Owner.....Moneta Investment Co, 918
Crocker Bldg., S. F.

Architect...None.
Contractor.....Oscar Braham, 470 Man-
gles Ave., San Francisco.
COST, \$1900

(531) S STAPLES 175 E Genesee. One
story and basement frame residence.
Owner.....Moneta Investment Co, 918
Crocker Bldg., S. F.

Architect...None.
Contractor.....Oscar Braham, 470 Man-
gles Ave., San Francisco.
COST, \$1900

(532) S STAPLES 200 E Genesee. One
story and basement frame residence.
Owner.....Moneta Investment Co, 918
Crocker Bldg., S. F.

Architect...None.
Contractor.....Oscar Braham, 470 Man-
gles Ave., San Francisco.
COST, \$1900

(533) S STAPLES 225 E Genesee. One
story and basement frame residence.
Owner.....Moneta Investment Co, 918
Crocker Bldg., S. F.

Architect...None.
Contractor.....Oscar Braham, 470 Man-
gles Ave., San Francisco.
COST, \$1900

(534) S STAPLES 250 E Genesee. One
story and basement frame residence.
Owner.....Moneta Investment Co, 918
Crocker Bldg., S. F.

Architect...None.
Contractor.....Oscar Braham, 470 Man-
gles Ave., San Francisco.
COST, \$1900

(535) S STAPLES 275 E Genesee. One
story and basement frame residence.
Owner.....Moneta Investment Co, 918
Crocker Bldg., S. F.

Architect...None.
Contractor.....Oscar Braham, 470 Man-
gles Ave., San Francisco.
COST, \$1900

(536) NO. 825 MARKET. Alter win-
dows.
Owner.....Philadelphia Shoe Co., 825
Market, San Francisco.

Architect...Bernard J. Joseph, 602 1st
National Bank Bldg., S. F.

Day's work. COST, \$750

(537) NO. 1138 FOLSOM. Alterations.
Owner.....W. Beaty, 1405 Call Bldg.,
San Francisco.

Architect...None.
Contractor.....S. Steinauer, 3926 Sacra-
mento, San Francisco.
COST, \$300

(538) SE FOURTEENTH & RAMONA.
Three-story and basement frame (6)
flats.

Owner.....E. A. Knoop, 1375A Stevenson
San Francisco.
Architect...None.
Day's work. COST \$8000

(539) NO. 315 SURREY. Raise dwell-
ing and underpin.

Owner.....E. Killian, Premises.
Architect...None.
Day's work. COST, \$500

(540) E CURTIS 25 N Morse. One-
story and basement frame dwlg.

Owner.....C. Meyer, 53 Walter,
San Francisco.
Architect...None.

Contractor.....Henry Meyer, 53 Walter,
San Francisco.
COST, \$1600

(541) SE TWENTY-THIRD & CARO-
lina. One-story frame store.

Owner.....K. Evankoff, 922 Arkan-
sas, San Francisco.
Architect...None.

Day's work. COST, \$500

(542) NO. 30 MARS. Add one room.

Owner.....C. E. Terry, Premises.
Architect...None.
Day's work. COST, \$450

(543) NO. 719 COMMERCIAL. Erect
brick wall.

Owner.....Mrs. E. McCarthy, 346
Kearny, San Francisco.
Architect...None.

Contractor.....L. A. Hinson, 180 Jessie,
San Francisco.
COST, \$500

(544) N TWENTY-EIGHTH 217 W
Noe. One-story and basement frame
dwelling.

Owner.....C. Andersen, 18A Sanchez,
San Francisco.
Architect...None.

Day's work. COST, \$1000

(545) NO. 274 STAND VIEW AVE.
One-story and basement frame dwlg.

Owner.....Mary C. Coburn, Premises.
Architect...J. J. Maloney, 4137 24th, S. F.
Contractor.....E. Lee, 4188 Army, S. F.
COST, \$600

COMPLETION NOTICES.

San Francisco.

Jan. 5, 1913—W BANKS 50 S Eugenia
Ave S 25xW 70 Lot 530 Gift Map
No. 1. Henry A and Gerda Sala to
whom it may concern. Jan. 14, 1913

Feb. 8, 1913—NW GOLDEN GATE
Ave and Jones N 137-6xW 137-6.
W H Taylor Co (cpn) to Thomas
W Butcher & Chas Hadley. Feb. 5, '13

Feb. 8, 1913—SW TWELFTH 262-6
NW Folsom NW 20 SW 140 NW 95
SW 135 SE 170 NE 133 NW 55 NE
140. La Grande Laundry Co to Me-
chanical Installation Co. Feb. 1, 1913

Feb. 10, 1913—NW VAN NESS AVE
and Oak W 157-6 N 80 W 21 N 40
E 178-6 S 120. The Masonic Temple
Association of California to The
Clinton Fireproofing Co. Feb. 7, '13

Feb. 10, 1913—E JONES 50 S Chest-
nut 25x65. N Baegalup to A
Debenedetti & G Cuneo. Feb. 10, 1913

Feb. 10, 1913—E TWENTY-FIRST
Ave 194 S Lake S 50x E 120. Edward
Ginley to whom it may concern...

Feb. 10, 1913—E FIFTEENTH AVE
275 S Clement S 25x E 127-6. James
F Dougherty to James Welsh....

Feb. 10, 1913—W DRUMM 91-8 S
Sacramento S 31-9 W 70 S 14-4
W 67-6 N 46-1 E 137-6. John
A Lennon to Morrison & Co.....

Feb. 10, 1913—NE SIXTH & MINNA
N 80x E 100. M J Lyon Co (cpn) vs
C Meyer Estate Co (cpn).....\$345

Feb. 10, 1913—N SUTTER 175 W
Fillmore W 56xN 137-6. A D
Nicholson vs Frank Sutton, Edgar
R Redlich and Howard J Roberts
and as Home Amusement Co and J
E MacCormac.....\$1604

Feb. 11, 1913—N SUTTER 175 W
Fillmore W 50xN 137-6. Main St.
Planing Mill Co vs Chas King &
Co and Home Amusement Co and
J E MacCormac.....\$311.3

Feb. 11, 1913—SW MISSION & COL-
lege Ave W 167.50 S 46.69 NE 58.49
E 137.50 NE 9.274. Morris Epstein
to whom it may concern....Feb. 8, '13

Feb. 11, 1913—SE O'FARRELL AND
Taylor S 62-6x E 46-6. Emily V
Flood to N P Anderson. Feb. 11, 1913

Feb. 11, 1913—S GOLDEN GATE AVE
55 W Scott W 27-6xS 110. Clifford
S Allred to whom it may concern
.....Feb. 11, 1913

Feb. 11, 1913—SE MARKET 150-1 1/2
NE 7th SE 165-1xNE 75. Boston &
S F Amusement Co to Frank
Klimm and Martin Peterson.....

Feb. 11, 1913—W DRUMM 91-6 S
Sacramento S 31-9 W 70 S 14-4 W
67-6 N 46-1 E 137-6. John A Len-
non to James A McDonald.....

Feb. 11, 1913—W DIAMOND 85 S 19th
W 87-6xS 25. Carl E Laye to C C
Bonde.....Feb. 8, 1913

Feb. 11, 1913—S FOURTEENTH 476
W Castro W 25xS 115. August and
wife Jennie Almqvist to A E Olson
.....Feb. 7, 1913

Feb. 14, 1913—E SANCHEZ 84 S 26th
S 30x E 80. Elizabeth C Burke to
Denning & Sampson....Feb. 12, 1913

Feb. 14, 1913—S ALMA AVE 150 E
Cole 25x120. Charles A B and
Emma H Johanson to A Sarraile
and S Lagomarsino.....Feb. 8, 1913

Feb. 14, 1913—NW TURK AND POLK
N 137-6xW 137-6. The German
House Association to Martin Pe-
tersen.....Feb. 3, 1913

Feb. 14, 1913—W CHATTANOOGA 130
N 22nd N 26.....C L Bowen to
Johnson & Holland.....Jan. 30, 1913

Feb. 14, 1913—N BUSH 81-3 E FILL-
more E 25xN 127-6. Pierre Ducasse
to whom it may concern....Feb. 14, '13

Feb. 14, 1913—E GRANT AVE 31-6 N
Union N 37-6 E 46 S 69 W 23 N 31-6
W 23. V Colliori and Eurico Fog-
gelli to F Demartini and G Segale
.....Jan. 29, 1913

Feb. 14, 1913—E CHATHAM PLACE
70 N Bush E 60xN 43-9. August
Peterson to Peterson & Persson
.....Feb. 14, 1913

Liens Filed.

San Francisco.

Feb. 6, 1913—N SUTTER 175 W FILL-
more W 50xN 137-6. Chas King Co
Frank Sutton, Edgar R Redlich
and Howard J Roberts (Home
Amusement Co) and J E Mac Cor-

mac\$2334.50
 Feb. 13, 1913—W DOUGLASS 25 N
 19th 25x91-4. Hattie Hill to whom
 it may concern.....Feb. 13, 1913
 Feb. 13, 1913—W THIRD 75 S Fol-
 som S 50xW 80. W J Yore and R E
 Bauske to S Sarri.....Jan. 31, 1913
 Feb. 13, 1913—E NEVADA AVE 150
 N Jefferson Ave N 50x E 70 Lots 962
 and 964 Gift Map No. 2. Gustaf
 Lindberg to Gustaf Lindberg.....
Feb. 11, 1913
 Feb. 13, 1913—S GREEN 143-6 W
 Scott W 30x137-6. Mrs E L
 Palache to whom it may concern
Feb. 13, 1913
 Feb. 13, 1913—E TENTH AVE 175 N
 Ortega 25x120. Gustaf Johnson
 to whom it may concern.....
Completed —
 Feb. 13, 1913—E BELVEDERE
 693-1 1/4 S Parnassus Ave S 25x E
 124-7 1/4. John C Flood to Edward
 E ManseauFeb. 10, 1913
 Feb. 14, 1913—N SUTTER 175 W Fill-
 more W 50xN 137-6. Ahlbach &
 Mayer vs Frank Sutton, Edgar R
 Redlich and Howard J Roberts
 (Home Amusement Co) and J E
 MacCormac\$650
 Feb. 14, 1913—W TWENTY-SIXTH
 Ave 300 S Clement S 25 W 120-2 1/4
 m or 1 N 25 m or to a pt. 300 S
 Clement E parallel to Clement
 124-9 1/4. Morris Stulsaft Co vs
 Isaac L Cohen\$204.68

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and
 base, frame. Cost not stated. Oak-
 land, Cal. Architects, Mitchell &
 Hodges, Bankers' Investment Bldg., S.
 F. Owner, Marshall Davoutet. The
 building will be erected at 766 8th
 street, and is to be arranged for a
 number of two and three room suites.
 All apartments will be equipped with
 wall beds and have connecting bath
 rooms. The interior of the building
 will be finished in pine and redwood.
 The exterior will be covered with
 brick veneer and cement plaster. A
 central heating system will be in-
 stalled. Plans are complete and fig-
 ures are being taken.

BUNGALOW—1 story and base,
 frame, \$2,000. Oakland, Cal. Architect,
 W. H. Judson, Albany Bldg., Oakland.
 Owner, S. S. Wright. The house will
 contain six rooms and bath. Interior
 will be finished in pine throughout.
 Oak floors will be used in the living
 and dining rooms. There will be a
 large open fire place and tile or brick
 mantel. Tile will be used in the bath
 room and kitchen. The exterior of the
 bungalow will be covered with cement
 plaster. Plans are complete and the
 work will be done by Day Labor.

RESIDENCE—2 story and base,
 frame, \$7,000. Alameda, Alameda Co.,
 Cal. Architect, Julia Morgan, Mer-
 chants' Exchange Bldg., S. F. Owner,
 Mrs. Alfred A. Durney. This dwelling
 has been designed for an eight room
 house with bath and sleeping porch.
 Interior will be finished in pine, red-
 wood and some hardwood. Oak floors
 will be used throughout, except in the
 baths which will have composition
 floors. There will be furnace heat and
 open fire places. Mantels will be of
 brick. Tile will be used in the bath
 rooms and kitchen. An automatic
 water heater will be installed. The
 exterior of the dwelling will be covered

with cement plaster on metal lath.
 Plans are complete and figures are
 being taken.

RESIDENCE—2 story and base,
 frame, \$5,000. Oakland, Cal. Archi-
 tect, none. Owners, Oakland Building
 Co., Security Bank Bldg., Oakland. The
 house will contain eight rooms and
 bath. Interior finish will be of pine
 and redwood with some oak. Hard-
 wood floors will be used throughout.
 There will be furnace heat and open
 fire places. Mantels will be of brick.
 Tile will be used in the bath room and
 kitchen. An automatic water heater
 will be installed. The exterior of the
 house will be covered with cement
 plaster. Plans are complete and the
 work will be done by Day Labor.

RESIDENCE—2 story and base,
 frame, \$3,000. Berkeley, Alameda Co.,
 Cal. Architect, Albert H. Larsen, 5337
 Shafter Ave., Berkeley. Owner, E. A.
 Mahon. The house has been designed
 for a six-room dwelling with bath and
 sleeping porch. Interior will be finished
 in pine and redwood. There will be
 some hardwood floors. Open fire places
 and brick mantels will be used. The
 bath room will have a tile floor. Tile
 will also be used in the kitchen. The
 exterior of the dwelling will be covered
 with cement plaster. Plans are
 complete and the work will be done
 by Day Labor.

RESIDENCE—2 story and base,
 frame, \$3,000. Berkeley, Alameda Co.,
 Cal. Architect, John Hudson Thomas,
 First National Bank Bldg., Berkeley.
 Owner, Sam D. Beasley. The house
 will contain seven rooms, bath and
 sleeping porch. Interior will be fin-
 ished in pine and redwood with some
 hardwood floors. There will be fur-
 nace heat and open fire places. Man-
 tels will be of tile or brick. Tile will
 be used in the bath room and kitchen.
 The exterior of the dwelling will be
 covered with shingles and shakes.
 Plans are being prepared.

RESIDENCE—2 story and base,
 frame, 10,000. Berkeley, Alameda Co.,
 Cal. Architect, John Hudson Thomas,
 First National Bank Bldg., Berkeley.
 Owner, Charles McCreary. The house
 will be erected in Thousand Oaks, and
 has been designed to contain eight or
 nine rooms, baths and sleeping porches.
 All interior finish will be of pine or
 hardwoods. Oak floors will be used in
 the principal rooms. There will be a
 central heating system and open fire
 places. Mantels will be of tile or brick.
 An automatic water heater will be in-
 stalled. The exterior of the dwelling
 will be covered with cement plaster on
 metal lath. Bath rooms will be finished
 in tile. Plans are being prepared.

RESIDENCE—2 story and base,
 frame. Cost not stated. Berkeley, Ala-
 meda Co., Cal. Architect, John Hudson
 Thomas, First National Bank Bldg.,
 Berkeley. Owner, J. W. Hupp. This
 house will contain seven rooms and
 bath. Interior finish will be of pine
 and redwood with some hardwood
 floors. There will be furnace heat and
 open fire places. Mantels will be of
 brick. Tile will be used in the bath
 room and kitchen. The exterior of
 the dwelling will be covered with ce-
 ment plaster on metal lath. Plans are
 complete and figures are being taken
 by the architect.

RESIDENCES—2, 2 story and base,
 frame, \$12,000 and \$15,000. Oakland,
 Cal. Architects, Milwain Bros., Delger
 Bldg., Oakland. Owner, P. E. Holt.

These two houses will be erected in
 the Crocker Highlands Tract, and will
 contain from seven to ten rooms.
 There will be three bath rooms in the
 larger house. A garage will be erected
 on the rear of both lots. Interior fin-
 ish will be of pine, redwood and hard-
 woods. Furnace heat and open fire
 places will be used. Mantels will be
 of brick and tile. Bath rooms will be
 finished in tile and will have composi-
 tion floors. Automatic water heaters
 will be installed. The exteriors will
 be covered with cement plaster on
 metal lath. Plans are now being pre-
 pared.

RESIDENCES—2, 2 story and base,
 frame, \$3,500 each. Piedmont, Alameda
 Co., Cal. Architect, none. Owners,
 United Home Builders, 1762 Broadway,
 Oakland. These houses will be erected
 on Greenbank avenue, and will each
 contain seven rooms, bath and sleeping
 porch. Interior finish will be of pine
 and redwood with oak floors in the
 principal rooms. There will be fur-
 nace heat and open fire places. Man-
 tels will be of brick. Bath rooms will
 have composition floors. Tile will be
 used in the kitchens. The exteriors
 of the dwellings will be covered with
 cement plaster on metal lath. Plans
 are complete and in the hands of the
 owners who will do the work by Day
 Labor.

FLATS—2 story and base, frame,
 \$2,000. Oakland, Cal. Architect, Robert
 Morckenier, 1614 Telegraph Ave.,
 Oakland. Owner, Joseph Berlock. The
 building will contain two small flats.
 Interiors will be finished in pine and
 red wood with some oak floors. There
 will be gas grates. Mantels will be of
 tile. The exterior of the building will
 be covered with rustic. Plans are com-
 plete and the architect is taking fig-
 ures on the work.

FLAT ADDITION—2 story, frame,
 \$2,000. Oakland, Cal. Architect, none.
 Owner, Mrs. F. H. Benery, 1103 Camp-
 bell St., Oakland. This work will con-
 sist of the construction of a two-story
 addition to the present building and
 the alteration of the interior of the
 old portion of the house. There will
 be new plastering, plumbing and elec-
 tric work. The exterior will be covered
 with rustic. Plans are in the
 hands of the owner who is taking fig-
 ures on the work.

GARAGE—1 story and base, brick,
 \$1,000. Oakland, Cal. Architect, Henry
 Bocher, Delger Bldg., Oakland. Own-
 ers, A. W. and J. H. Gatchens. This
 building has been designed for a com-
 mercial garage, and will be erected on
 Piedmont avenue near 10th street. In-
 terior will be finished in pine. There
 will be a large galvanized iron sky-
 light. The exterior of the building
 will be faced with stock brick. Plans
 are complete and figures are being
 taken.

ASSOCIATION ADDITION—2 story,
 Class A construction, \$15,000. Oakland,
 Cal. Architect, William C. Hays, Fox-
 croft Bldg., S. F. Owners, Young Men's
 Christian Association. Plans are com-
 plete for a two-story addition to the
 five-story Y. M. C. A. building located
 at 21st and Telegraph avenue. Con-
 struction and design of the new stories
 will be similar to that of the old
 building. Interior will be finished in
 pine and hardwood. The heating sys-
 tem and plumbing will be extended
 from the old portion. The exterior of

the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL—1 story and base, reinforced concrete, \$18,800, Oakland, Cal. Architect, J. J. Donovan. Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened at the last meeting of the Oakland Board of Education show Boyd, Kerr & McLean low men at \$18,800. For a complete list of all figures submitted for this work see under Oakland and Alameda County in this issue.

DEPOT—1 story, concrete and frame, cost not stated, Berkeley, Alameda Co., Cal. Architect, Engineering Department of the Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for this work have been completed and bids will be called for shortly. The work will be handled through the department of Maintenance of Way. A general contract will be let.

STORES AND OFFICES—10 story and base, Class A construction, \$50,000, Oakland, Cal. Architects, Reed & Meyer, Oakland Bank of Savings Bldg., Oakland. Owner, Miss Lucy F. Thompson. This building will be erected at the corner of Broadway and 17th street, and has been designed for a modern commercial structure. The first floor will be occupied by a number of retail stores and the upper floors will be arranged for offices, both en suite and single. There will be steam heat, elevator service, vacuum cleaning system and mail chutes. Interior finish will be of pine, hardwood and metal. Metal window sash and frames will be used throughout. Halls and corridors will be finished in tile and marble. The exterior of the building will be faced with pressed brick and terra cotta. A complete steel frame will be used. Plans are complete and figures on the work are now being taken. Bids will be closed on certain parts of the work on February 19th.

Oakland School Bids Opened.

Bids for Market and 54th Street School Opened and Show Boyd-Kerr and McLean Low Men.

Fifteen bids were opened by the Oakland Board of Education on Monday evening, February 10th, for the construction of the 54th and Market street school. The building will be a one-story reinforced concrete building, plans for which were prepared by Architect J. J. Donovan. The lowest figure was received from Boyd, Kerr and McLean for \$48,800. The following is a complete list of the bids received:

General Construction.

O. B. Ackerman & Son.....	\$53,737
Van Sant-Houghton Co.....	54,616
Carnahan & Mulford.....	54,333
Moore & Burlingame.....	56,450
W. G. Thornally Jr.....	50,970
*Hostrawser, Schnebly & Pedgrift.....	52,532
McLaran & Peterson.....	54,539
Central California Constr Co	56,550
Roberts Bros. Co.....	59,500
E. T. Leiter & Son.....	58,900
P. Rolandi.....	58,900
Wold & Kuhn.....	54,936
Walter Sorensen.....	59,251

Boyd, Kerr & McLean.....	48,800
Thurston & Co.....	57,474
* No check accompanied the bid of Hostrawser, Schnebly & Pedgrift.	

Building Contracts Awarded

Oakland.

No.	Owner	Contractor	Amt.
368	Chung Gt	Anderson	350
369	Chin Yuey	Tom Look	2800
370	Taylor	Taylor	400
376	McGehee	McGehee	800
377	Rlty Syndicate	Owner	2500
378	Ginochio	Owner	1500
379	Harris	Hudson	2300
381	Culbertson	Culbertson	400
385	Albers	Albers	1250
386	Pleasant	Bocarde	1000
387	McQuilkin	Jackman	2400
388	Dixon	Dixon	3500
389	Morgenson	Owner	2500
390	O'Neill	Morgenson	4200
392	Hinkel	Dixon	2500
393	Montgomery	Morgenson	500
394	MacGregor	MacGregor	2000
395	Poster	McCarthy	450
396	Finigan	Carleton	450
397	Rodger	Allen	2000
398	Townsend	Grove	2350
406	Krobitzsch	Peterson	6600
407	Alameda	Sundberg	600
408	Masters	Masters	800
409	Petersen	Petersen	3000
410	Pfrang	Pfrang	2500
411	Oakland	Tieslau	4268
413	Henry	Henry	600
414	Montgomery	Morgenson	500
415	Friend	Thomson	500
416	Garner	Watson	500
417	Korematsu	Owner	2350
418	Hyde	Hyde	2400
419	Oakland	Christensen	39650
420	McLain	Johnson	2800
421	Butler	Butler	2500
422	Legriss	Legriss	2500
423	Hein	Peterson	1500
424	Burritt	Burritt	2000
425	Dean	Hollenbeck	1700
426	Same	Same	1650
427	Same	Same	1700
428	Same	Same	1450
429	Blome	Blome	1800
430	Perry	Holmes	2400
431	Young	Young	2000
432	Dean	Hollenbeck	1750
433	Andersen	Knight	1400
434	Heestand	Harris	2100
435	United Bldrs	Owner	3500
436	United Bldrs	Owner	3500
437	Batty	Gunter	1850
438	Nicholl	Anderson	600
439	Hearn	Hearn	400
440	Bizgi	Bizgi	500
441	Korematsu	Owner	400
442	Ye Liberty Cdy	Corbett	1000
443	Wurts	Cook	1000
449	Wagner	Sullivan	3183
450	Caldwell	Caldwell	60000
451	Rathun	Wilson	2500
452	Bischoff	Owner	3000
453	Hapahanka	Peake	1500

(368) NO. 379 NINTH, Oakland. Repairs.	
Owner.....Chung Gt, 1321 Washington, Oakland.	
Architect.....None.	
Contractor...T. Anderson & Co., 5456 College Ave., Oakland.	
COST, \$550	

(369) NO. 373 EIGHTH, Oakland. Alterations.	
Owner....Chin Yuey, Premises.	
Architect.....None.	
Contractor...Tom Look, Oakland.	
COST, \$400	

(370) W HANOVER 270 S Brooklyn, Oakland. Two-room garage.	
Owner.....Taylor Bros., 1st National Bank Bldg., Oakland.	
Architect.....None.	
Day's work.	COST, \$400

(376) W CONGRESS AVE 250 S Vicksburg, Oakland. One-story 4-room dwelling.	
Owner.....McGehee & Byrne, 1730 41st Ave., Oakland.	
Architect.....None.	

Contractor...G. W. McGehee, 1730 41st Ave., Oakland.	
COST, \$800	

(377) E LUSK 219 N Appar, Oakland. One-story 5-room dwelling.	
Owner.....Realty Syndicate Co., Syndicate Bldg., Oakland.	
Architect.....None.	
Day's work.	COST, \$2500

(378) N FORTY-FIFTH 190 W Grove Oakland. One-story 5-room dwlg.	
Owner.....Jno. B. Ginochio, 706 45th Oakland.	
Architect.....None.	
Day's work.	COST, \$1500

(379) W WOODBINE COURT 140 W Fruitvale Ave., Oakland. One-story 5-room dwelling.	
Owner.....Harris & Hudson, 1957 E-8th, Oakland.	
Architect.....None.	
Day's work.	COST, \$2300

(384) NO. 990 FIFTY-SEVENTH, Oakland. Alterations.	
Owner.....J. B. Culbertson, 1757 7th, Oakland.	
Architect.....None.	
Day's work	COST, \$400

(385) W FIFTY-SECOND AVE 699 N E-14th, Oakland. One-story 4-room dwelling.	
Owner.....Geo. A. Albers, 1616 51st Ave., Oakland.	
Architect.....None.	
Day's work.	COST, \$1250

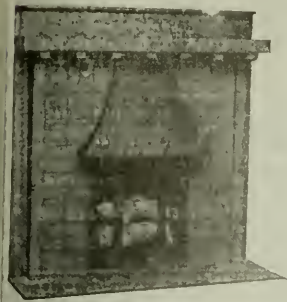
(386) SW COR. THIRTY-NINTH AVE and E-12th, Oakland. One-story 3-room dwelling.	
Owner.....S. A. Pleasants, E-14th & Leise Ave., Oakland.	
Architect.....None.	
Contractor...W. H. Bocarde, 3932 San Juan, Oakland.	
COST, \$1000	

(387) E REGENT 100 N Alcatraz Ave., Oakland. Two-story 8-room dwlg.	
Owner.....J. C. McQuilkin, 2804 Stuart, Berkeley.	
Architect.....None.	
Contractor...F. M. Jackman, 2144 Russell, Berkeley.	
COST, \$2900	

(388) N KEITH AVE 203 E Pryal Oakland. Two-story 6-room dwlg.	
Owner.....L. C. Hinkel, 1919 Dwight Way, Oakland.	
Architect.....Walter Dixon, 1844 5th Ave., Oakland.	
Day's work.	COST, \$3500

(389) N FIFTY-SEVENTH 430 E San Pablo Ave., Oakland. One-story five room dwelling.	
Owner.....Morgenson Bros., 554 63rd, Oakland.	
Architect.....None.	
Day's work.	COST, \$2500

(390) N FIFTY-SEVENTH 100 E San Pablo Ave E 37½ N 90. N FIFTY-SEVENTH 137½ E San Pablo Ave E 37½ N 90, Oakland. All work for two dwellings \$2100 each; 1st duplicate dwelling at 5731 Park St. and 2nd duplicate dwelling at 1074 57th street, Oakland.	
Owner.....William and Sophie O'Neill, 1078 57th, Oakland.	
Architect.....None.	
Contractor...Adolph Morgenson, 554 63rd, Oakland.	



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager
Mantels, Grates and Tiles. Fire Sets, and Irons
Portable Baskets and Grates, Floor and
Wall Tiling in Original Designs.
1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 1221
Residence Phone Oakland 8622

Filed Feb. 11, '13. Dated Feb. 6, '13.
Frame of 1st dwelling up.....\$350
Frame of 2nd dwelling up.....350
Balance by deed conveying fol-
lowing lots: Lots 4, 11, 12 and
13 Blk "G" Map Golden Gate Trct
Upon completion of 1st dwlg..2 lots
Upon completion of 2nd dwlg..2 lots
TOTAL COST, \$4200
Bond, \$2100. Sureties, Emma S. and
William Morgensen. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.

392) N KEITH AVE 243 E Pryal,
Oakland. One-story 6-room dwlg.
Owner.....Lewis C. Hinkel, 1919
Dwight Way, Berkeley.
Architect...Walter Dixon, 1844 5th
Ave., Oakland.
Day's work. COST, \$2500

393) NO. 588 FORTY-SECOND, Oak-
land. Alterations.
Owner.....R. J. Montgomery.
Architect...None.
Contractor..Morgenson Bros, 554 63rd,
Oakland. COST, \$500

394) N MOSS AVE 140 E Leighton,
Oakland. One-story 5-room dwlg.
Owner.....C. M. MacGregor, 470 13th,
Oakland.
Architect...None.
Day's work. COST, \$2000

395) NO. 2834 FILBERT, Oakland.
Addition.
Owner.....J. L. Foster.
Architect...None.
Contractor..Wm. McCarty.
COST, \$450

396) NO. 953 WOOD, Oakland. Alter.
Owner.....T. W. Pinigan, Premises
Architect...None.
Contractor..S. Carleton, 6996 Weld,
Oakland. COST, \$450

397) W JAMES AVE 123 N Clifton,
Oakland. One-story 5-room dwlg.
Owner.....A. B. Rodger, 473 Jean,
Oakland.
Architect...None.
Contractor..M. Allen, 829 52nd, Okd.
COST, \$2000

(398) S LAWTON AVE 580 E College
Ave., Oakland. One and one-half-
story 5-room dwelling.
Owner.....Fred Townsend, 2954
Magnolia, Berkeley.
Architect...Olin S. Grove, 2911 Tele-
graph Ave., Oakland.
Day's work. COST, \$2350

(406) LOT 24 BLK "B" Map Grand
Ave Heights, Oakland. All work
for two-story and basement frame
dwelling.
Owner.....R. W. Krohitzsch, 1110
Folsom S. F. and 3525
Grove, Oakland.
Architect...Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor..Peterson & Anderson, S. F.
Filed Feb. 11, '13. Dated Feb. 6, '13.
Frame up, roof sheathed and
chimney built\$1640
Plumbing and electric roughed
in, exterior mill work in place
exterior covering & 1st interior
coat plaster completed.....1640
Completed and accepted.....1640
Usual 35 days.....1629

TOTAL COST, \$6600
Bond, \$3300. Sureties, L. De Luchi
and H. F. Lass. Limit, 100 days. For-
feit, none. Plans and specifications
filed.

(407) FIRE STATION NO. 2 (Webster
St.) Repairs.
Owner.....City of Alameda.
Architect...None.
Contractor..E. H. Sundberg, 308 Bacon
Block, Oakland. Cost, \$600

(408) SUNNY COVE BATHS, Alame-
da. Rest Room.
Owner.....George Masters, Prem.
Architect...None.
Days Work. Cost, \$800

(409) E 84TH AVE., 80 S PLYMOUTH.
Oakland. Two-story, 9 room dwelling
Owner.....P. Petersen, 1514 88th
Ave., Oakland.
Architect...None.
Days Work. COST, \$3,000

(410) W DOLORES ST., 133 N El Cen-
tro, Oakland. Two-story 6 room
dwelling.
Owner.....C. J. Pfirang, 5487 Clare-
mont Ave., Oakland.
Architect...None.
Days Work. COST, \$2,500

(411) S 52ND ST., 200 E Shattuck Ave.,
Oakland. Two-story frame police
station.
Owner.....City of Oakland.
Architect...John J. Donovan, Security
Bank Bldg., Oakland.
Contractor..Tieshan Bros., 2314 Grove
St., Berkeley. COST, \$4,268

(413) NO. 678 NINTH, Oakland. Alter
Owner...Hugh Henry, 534 10th, Okd.
Architect...None.
Day's work. COST, \$600

(414) N FORTY-SECOND 250 E Grove
Oakland. Garage.
Owner.....R. J. Montgomery.
Architect...None.
Contractor..Morgenson Bros., 554 63rd,
Oakland. COST, \$500

(415) NO. 1527 SAN PABLO AVE.,
Oakland. Brick addition.

Owner.....A. E. Friend, Premises.
Architect...None.
Contractor..Alex Thomson, 2766 Grove,
Oakland. COST, \$500

(416) NO. 3016 ADELIN, Oakland.
Alterations.
Owner.....Mrs. Garner, Premises.
Architect...None.
Contractor..L. Watson, 732 Addison,
Berkeley. COST, \$500

(417) — EDES AVE 719 S Bartlett
Ave., Oakland. Four green houses.
Owner.....K. Korematasu.
Architect...None.
Day's work. COST, \$2350

(418) N E-TWENTY-FIRST 110 W
7th Ave., Oakland. One and one-half
story 6-room dwelling.
Owner.....M. T. Ilyd, 2043 7th Ave.,
Oakland.
Architect...None.
Day's work. COST, \$2400

(419) S CLEVELAND AVE 400 E
Athol Ave., Oakland. One-story frame
school.
Owner...City of Oakland.
Architect...J. J. Donovan, Security
Bank Bldg., Oakland.
Contractor..C. Christensen, 237 Wayne
Ave., Oakland. COST, \$39,650

(420) NW SANTA CLARA & VALLE
Vista Aves., Oakland. One and one-
half-story 6-room dwelling.
Owner.....J. E. McLain, 848 24th, Okd
Architect...None.
Contractor..Louis Johnson, 1732 Ward,
Berkeley. COST, \$2800

(421) W LAWTON AVE 43 N Clifton,
Oakland. One and one-half-story 6-
room dwelling.
Owner.....B. F. Butler, 610 Alcatraz
Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(422) NW CLIFTON & JAMES AVES.,
Oakland. One-story six-room dwlg.
Owner.....C. A. Legris, 491 58th, Okd.
Architect...None.
Day's work. COST, \$2500

(423) NO. 130 MOSS AVE., Oakland.
Two-story garage.
Owner....E. A. Heron, Premises.
Architect...John Hudson Thomas, 1st
National Bank Bldg., Bkly.
Contractor..A. Peterson, 2615 Virginia,
Berkeley. COST, \$1500

(424) N FIFTY-SEVENTH 250 E
Genoa, Oakland. One-story 4-room
dwelling.
Owner.....F. E. Burritt, 824 57th, Okd
Architect...None.
Contractor..O. L. Burritt, 427 63rd, Okd
COST, \$2000

(425) S NADEAN AVE 100 W 35th Ave
Oakland. One-story 5-room dwelling
Owner.....Dean & Wade.
Architect...None.
Contractor..G. B. Hollenbeck, 5210
Fairfax Ave., Oakland. COST, \$1700

(426) S NADEAN AVE 180 W 55th Ave
Oakland. One-story 4-room dwlg.
Owner.....Dean & Wade.
Architect...None.

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Contractor, G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1650

(427) S NADEAN AVE 260 N 55th Ave
Oakland. One-story 4-room dwlg.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1700

(428) S NADEAN AVE 420 W 55th Ave
Oakland. One-story 4-room dwlg.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1450

(429) NO. 2002 EIGHTY-THIRD AVE.
Oakland. One-story 6-room dwlg.
Owner....E. M. Blome.
Architect...W. E. Allen, Los Angeles.
Contractor...H. Blome, Premises.
COST, \$1800

(430) N CALIFORNIA 401 W Maple,
Oakland. One-story 5-room dwlg.
Owner.....J. F. Perry, 1521 25th Ave.,
Oakland.
Architect...None.
Contractor...H. L. Holmes, 1521 25th
Ave., Oakland.
COST, \$2400

(431) N FIFTY-SEVENTH 226 E Mc-
Call, Oakland. One-story 6-room
dwelling.
Owner.....W. S. Young, 702 Alleen,
Oakland.
Architect...None.
Day's work. COST, \$2000

(432) S NADEAN AVE 340 W 55th Ave
Oakland. One-story 5-room dwlg.
Owner.....Dean & Wade.
Architect...None.
Contractor...G. B. Hollenbeck, 5210
Fairfax Ave., Oakland.
COST, \$1750

(433) NO. 1020 TWENTY-EIGHTH.
Oakland. Alterations.
Owner.....August Andersen, Prem.
Architect...None.
Contractor...H. C. Knight, 1725 Broad-
way, Oakland.
COST, \$1600

(434) NW E-SEVENTEENTH & 8TH
Ave., Oakland. One-story 8-room
flats.
Owner...Elizabeth Heestand, Laurel
Ave., Oakland.
Architect...None.
Contractor...Harris & Hudson, 1957 E-
35th, Oakland.
COST, \$2100

(435) S GREENBANK AVE 84 E Rose
Piedmont. Two-story frame residence
Owner.....United Home Bldrs, 1762
Broadway, Oakland.
Architect...None.
Day's work. COST, \$3500

(436) S GREENBANK AVE 40 E Rose
Piedmont. Two-story frame residence
Owner.....United Home Bldrs, 1762
Broadway, Oakland.
Architect...None.
Day's work. COST, \$3500

(437) S FIFTY-THIRD, bet Shattuck
and Telegraph Aves., being Santa Fe
Tract No. 16 Lot 21 Blk. —, Oakland.
All work for one-story five-room
frame dwelling.

Owner.....D. L. Beatty, 5872 Grove,
Oakland.
Architect...None.

Contractor...R. Gunter, 4700 Fairfax
Ave., Oakland.

Filed Feb. 14, '13. Dated Feb. 14, '13.
Frame up\$365.50
Ready for inspection..... 365.50
Plaster completed 365.50
Completed and accepted..... 365.50
Usual 35 days..... 485.00
TOTAL COST, \$1950.00
Bond, none. Limit, 60 days. Forfeit,
\$1. Plans and specifications, none.

(438) E WASHINGTON 75 S Tenth,
Oakland. Alterations.
Owner.....Nicholl Estate, 470 Ninth,
Oakland.
Architect...None.
Contractor...Anderson & Rainey, 180
Jessie, San Francisco.
COST, \$600

(439) NO. 530 LEWIS, Oakland. Alter
Owner.....J. H. Hearn, 2836 San Jose
Ave., Alameda.
Architect...None.
Day's work. COST, \$400

(440) NO. 5539 TELEGRAPH AVE.,
Oakland. Alter barn to dwelling.
Owner.....J. Biggi, Premises.
Architect...None.
Day's work. COST, \$500

(441) — EDES AVE 719 S Bartlett
Ave., Oakland.
Owner.....K. Korematsu, Station G,
Oakland.
Architect...None.
Day's work. COST, \$400

(442) NO. 1215 BROADWAY, Oakland
Owner.....Ye Liberty Candy Co.,
Premises.
Architect...None.
Contractor...Corbett & Bayliss, 1110
Franklin, Oakland.
COST, \$1000

(443) S BROCKHURST 180 E Market,
Oakland. One-story four-room dwlg.
Owner.....M. I. Wurts, Commercial
Bldg., Oakland.
Architect...None.
Contractor...L. T. Cook, 543 30th, Okd.
COST, \$1000

(445) LOT 16 and N 12½ ft. Lot 15,
Fairview Tract, Piedmont. All work
for two-story 6-room frame dwelling.
Owner.....Josephine R. and Geo. J.
Wagner, 240 Bonita Ave.,
Piedmont.
Architect...None.
Contractor...H. E. Sullivan, 6427 Har-
mon Court, Oakland.
Filed Feb. 15, '13. Dated Feb. 13, '13.

Frame up ¼
Plaster on ¼
Completed ¼
Usual 35 days..... ¼
TOTAL COST, \$3183
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

(450) S TWENTY-SECOND 107 W
Harrison Boulevard, Oakland. Three-
story 141-room apartment.
Owner.....Dr. G. W. Caldwell, 2143
Harrison Boulevard, Okd.
Architect...None.
Day's work. COST, \$60,000

(451) N FIFTY-EIGHTH — E Genoa,
Oakland. Two-story 7-room dwlg.

Owner.....Carl Rauhut, 1349 E-33rd,
Oakland.

Architect...None.
Contractor...J. F. Wilson, 1349 E-33rd,
Oakland.

COST, \$2500
(452) E HAMPEL 150 S Fourth Ave.,
Oakland. Two-story 8-room dwlg.
Owner.....Jno. A. Blisshoff, 349 62nd,
Oakland.
Architect...None.
Day's work. COST, \$3000

(453) NW CHANNING WAY & BONAR
Berkeley. One-story 4-room dwlg.
Owner.....Emma Hapahanka, 1608
Dorpy, Berkeley.
Architect...None.
Contractor...F. R. Peake Co, 2127 Uni-
versity Ave., Berkeley.
COST, \$1300

Building Contracts Awarded.

Berkeley.

No.	Owner	Contractor	Amt.
350	Yonkins	Bevel	1600
351	Bigelow	Warren	1000
352	Same	Same	1500
353	Hughes	Hughes	1900
391	Marshall	Diggs	4000
399	Texdahl	Texdahl	1800
400	Ed Ed Bkly	Owner	400
401	Marshall	Diggs	3900
402	Same	Same	2500
403	Elliott	Elliott	700
404	Akers	Lehre	500
405	Le Conte	Tieslau	600
406	Marshall	Diggs	4000
412	Getze	Hughson	1896

(380) W HOLLY 210 N Cedar, Ber-
keley. One-story 5-room dwelling.
Owner.....Clara Yonkins, 2918 Ellis-
worth, Berkeley.
Architect...None.
Contractor...Bevel & Jones, 2142½
Shattuck Ave., Berkeley.
COST, \$1600

(381) N CHANNING WAY 260 W
Dana, Berkeley. Alter 2-st 10-room
dwelling.
Owner.....D. E. Bigelow, 2333 Chan-
ning Way, Berkeley.
Architect...None.
Contractor...C. H. Warren, 2511 Dwight
Way, Berkeley.
COST, \$1000

(382) N CHANNING WAY 260 W Dana
Berkeley. One-story 1-room brick
building.
Owner.....D. E. Bigelow, 2333 Chan-
ning Way, Berkeley.
Architect...None.
Contractor...C. H. Warren, 2511 Dwight
Way, Berkeley.
COST, \$500

(383) S ALLSTON WAY 150 W Sacra-
mento, Berkeley. One-story five-
room dwelling.
Owner.....C. E. Hughes, Acton and
Allston, Berkeley.
Architect...None.
Day's work. COST, \$1000

(391) S RUSSELL 200 W Claremont
Ave., Berkeley. Two-story 8-room
dwelling.
Owner.....Marsh all-Diggs, 244½ Bow-
ditch, Berkeley.
Architect...C. M. Cook, Rialto Bldg.,
San Francisco.
Day's work. COST, \$4000

1) N RUSSELL 142 E Doehr, Berkeley. One-story 5-room dwelling. Owner.....C. Texdahl 3035 Harper, Oakland.
Architect...None.
Day's work. COST, \$1800

2) N ALLSTON 200 E Shattuck Ave., Berkeley. Alterations. Owner.....Board of Education of Berkeley.
Architect...None.
Day's work. COST, \$400

3) S RUSSELL 298 W Claremont Ave., Berkeley. Two-story 8-room dwelling. Owner.....Marshall-Diggs, 2444 Bowditch, Berkeley.
Architect...C. M. Cook, Rialto Bldg., San Francisco.
Day's work. COST, \$3900

4) N YOLO 100 W Milvia, Berkeley. One-story 6-room dwelling. Owner.....B. F. Whitton, 2214 Durant, Berkeley.
Architect...None.
Day's work. COST, \$2500

5) N ALCATRAZ AVE 125 W California, Berkeley. Alterations. Owner.....E. J. Elliott, 6528 Manila, Berkeley.
Architect...None.
Day's work. COST, \$700

6) S VIRGINIA 150 W Euclid, Berkeley. Alterations. Owner.....T. J. Akers, 2432 Virginia, Berkeley.
Architect...None.
Contractor...F. A. Lehre, 3023 High, Oakland.
COST, \$500

7) NO. 2739 BANCROFT WAY, Berkeley. Repairs. Owner.....Caroline Le Conte, 2735 Bancroft Way, Berkeley.
Architect...None.
Contractor...Tieslau Bros., 2814 Grove, Berkeley.
COST, \$600

8) E Bruce St., 200 S Channing Way, Lot 71, Blk. Higgins St., Berkeley. All work for one-story frame dwelling. Owner.....Mary A. Getze, Byron nr Bancroft Way, Berkeley.
Architect...None.
Contractor...Hughson & Donnelly, 1608 Stuart, Berkeley.

Filed Feb. 13, '13. Dated Feb. 11, '13.
Frame up\$474
Plaster on 474
Completed 474
Usual 35 days..... 474
TOTAL COST, \$1896

Bond, none. Limit, 90 days from Feb. 17. Forfeit, \$1. Plans and specifications filed.

Building Contracts Awarded.

Alameda.

No.	Owner	Contractor	Amt.
61	Monroe	Monroe	1700
72	Same	Same	1700
73	Same	Same	1700
74	Same	Same	1700
75	Same	Same	1700
76	Hillen	Hillen	2000
77	Same	Same	2000
78	Same	Same	2000
79	Lindholm	Lindholm	975
80	Durney	Frost	8716

81) NO. 823 HAIGHT AVE., Alameda. One-story dwelling.

Owned.....J. W. Monroe, 690 60th, Oakland.
Architect...None.
Day's work. COST, \$1700

(372) NO. 821 HAIGHT AVE., Alameda. One-story dwelling. Owned.....J. W. Monroe, 690 60th, Oakland.
Architect...None.
Day's work. COST, \$1700

(373) NO. 814 HAIGHT AV., Alameda. One-story dwelling. Owned.....J. W. Monroe, 690 60th, Oakland.
Architect...None.
Day's work. COST, \$1700

(374) NO. 808 HAIGHT AVE., Alameda. One-story dwelling. Owned.....J. W. Monroe, 690 60th, Oakland.
Architect...None.
Day's work. COST, \$1700

(375) NO. 812 HAIGHT AVE., Alameda. One-story dwelling. Owned.....J. W. Monroe, 690 60th, Oakland.
Architect...None.
Day's work. COST, \$1700

(444) NO. 2630 EAGLE AVE., Alameda. One-story dwelling. Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.
Designer...W. W. Landgrebe.
Day's work. COST, \$2000

(445) NO. 335 SANTA CLARA AVE., Alameda. One-story dwelling. Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.
Designer...W. W. Landgrebe.
Day's work. COST, \$2000

(446) NO. 333 SANTA CLARA AVE., Alameda. One-story dwelling. Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.
Designer...W. W. Landgrebe.
Day's work. COST, \$2000

(447) NO. 735 TAYLOR AVE., Alameda. One-story dwelling. Owner.....John M. Lindholm, 1717 Wood, Alameda.
Architect...Plans by Owner.
Day's work. COST, 1975

(448) W SHERMAN 1010 S San Antonio Ave S 60xW 150, Alameda. All work for two-story and basement frame dwelling. Owner.....Mrs. Alfred A. Durney, 1325 Dayton Ave., Alameda.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...T. P. Frost, 180 Jessie, S. F.
Filed Feb. 15, '13. Dated Feb. 14, '13.

Frame up, boarded in, chimneys up and rough plumbing in..... 4
1st coat plaster on..... 4
Completed and accepted..... 4
Usual 35 days..... 4
TOTAL COST, \$8716

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed

Contracts Awarded.

Feb. 8, 1913—NE COR POE (now 44th Ave) and E-14th E along E-14th 50 N 134, Okd. J J Crowe to W G Thornalley Jr.....Feb. 7, 1913
Feb. 7, 1913—LOT 18 North Christiana Tract, Albany. Whitney B and Opal E Pope to Peake-Munro Co.....Feb. 1, 1913
Feb. 5, 1913—E ½ LOTS 6 AND 7 & E 50 ft. of S ½ Lot 5 Blk "A," Map Edith Tract, Bkly. S H Reno to whom it may concern.....Feb. 1, 1913
Feb. 5, 1913—LOT 1816 1/2 "A" Rosa Lee Tract, Brooklyn Tp., Okd H T Wallace to Alex C Wleben.....Feb. 4, 1913

Feb. 7, 1913—SE E-TWENTIETH & 23rd Ave, Okd Eva Marzan to W J David.....Feb. 6, 1913
Feb. 10, 1913—LOT 19 BLK 7 Map Boulevard Park, Brooklyn Tp. George B Davis to whom it may concern.....Feb. 10, 1913

Feb. 10, 1913—SE ROSS AVE 171.77 SW Hayward Ave SW 60xSE 259.30, San Leandro. Oro S Ewer to J Branch.....Feb. 8, 1913
Feb. 11, 1913—LOT 19 BLK "A" Map Sunny Slope, Oakland Tp. Inette W Rose to whom it may concern.....Jan 25, 1913

Feb. 11, 1913—NW FIFTY-SECOND AND Market to along 52nd 90 ft. to pt. of commencement N 90 W 30, Okd. Herman Bloom to Fred Hambleton.....Completed—
Feb. 11, 1913—N FIFTEENTH 60 E Clay E 120 N 93%, NW 14 ft. 7-10 in. W 110 S 103%, Okd. Robert Dalziel Co to R W Bartram.....Feb. 11, 1913

Feb. 11, 1913—LOT 16 BLK 8 Melrose Heights Tract, Okd. K M Sheridan to whom it may concern.....Feb. 10, 1913
Feb. 13, 1913—S 25 FT. LOT 10 AND N 25 ft. Lot 11 Blk 1, Claremont, Bkly. John and Nanette Treveathan to Walter Sorensen.....Feb. 13, 1913

Feb. 13, 1913—LOT 55 Piedmont Manor Tract, Piedmont. Daisly F Rounrice to whom it may concern.....Jan. 24, 1913
Feb. 13, 1913—SW FOLKERS AVE 50 SE Warfield Ave SE 50xSW 100, Okd. J J Hammond to C A Anderson and E A Lundberg.....Feb. 8, 1913

Feb. 13, 1913—PTN. LOT 28 BLK 16, Map Havenscourt, Okd. Piedmont Heights Bldg. Co to J V Matteson.....Feb. 12, 1913
Feb. 14, 1913—LOT 9 BLK 14, Northbrae, Bkly. Patrick-Nelson Bldg Co to whom it may concern.....Feb. 13, 1913

Feb. 14, 1913—LOT 3 BLK "B" San Pablo Park No. 2. William Gracie Lind to E J Aalto.....Feb. 6, 1913
Feb. 14, 1913—LOT 28 BLK 4 Key Route Terrace No. 2. Patrick-Nelson Bldg Co to whom it may concern.....Feb. 13, 1913

Feb. 14, 1913—LOT 11 BLK 33 Amendement Map Fairmont Park, Bkly. Patrick-Nelson Bldg Co to whom it may concern.....Feb. 13, 1913
Feb. 14, 1913—LOT 43 BLK "C" Hopkins Terrace No. 3, Bkly. Elizabeth M Rounage to J M Wiley.....Feb. 8, 1913

Feb. 15, 1913—SE CHETWOOD 245 SW Short SW 35xSE 132, Okd. Walter J De Martin to A Peterson and J Anderson.....Feb. 6, 1913
Feb. 15, 1913—N MILLS 176-206-236 E Seminary Ave 305x103, Okd. H L

ABANDONMENT OF HOMESTEAD.
Feb. 14, 1913—TRACT LAND CONveyed by Sophia C K Anderson to William A Anderson by deed Dated Nov. 5, 1904 in Liber 996 of Deeds Page 314, Washington Tp. William A and Christina M Anderson.....

Wood to T H Stanley Feb. 12, 1913
 Feb. 15, 1913—LOT 15 North Chris-
 tiania Tract, Albany. Peake-Munro
 Co to F R Peake. Feb. 8, 1913
 Feb. 15, 1913—LOT 13 North Chris-
 tiania Tract, Albany. Peake-Munro
 Co to F R Peake. Feb. 8, 1913
 Feb. 15, 1913—LOT 13 North Chris-
 tiania Tract, Albany. Peake-Munro
 Co to F R Peake. Feb. 8, 1913

LIENS FILED

Alameda.

Feb. 8, 1913—E MADISON 70 fm N in
 Seventh E 125xN 30, Okd. J P
 Kollich vs L A Brown. \$292.94
 Feb. 8, 1913—LOT 117 Amended Map
 Rhoda Tract E Rhoda Ave 550 S
 Madeline 50x125, Brooklyn Tp. F M
 Drehsbach vs G Stackhous and
 Wm H Berisch. \$308.32
 Feb. 10, 1913—W SHATTUCK AVE
 200 S Los Angeles Ave Lot 4 Bk
 "F" Northbrae Terrace, Bkly.
 Wm Converse vs F L Clark. \$317.85
 Feb. 11, 1913—PTN. LOTS 26 AND 27
 Bk "C," Bryant Tract, Bkly. W
 E Bane and John R Talent vs Geo
 Eliassen, A Bruenn, Charley Hoff-
 man and John Doe. \$110
 Feb. 13, 1913 PTN LOT 13 Map Bray
 Tract, Brooklyn Tp. Alex Mc-
 Donald vs M J Medina. \$1287.45

SAN JOSE AND THE SANTA CLARA VALLEY.

GARBAGE INCINERATOR—Cost not
 stated. Monterey, Monterey Co., Cal.
 Engineers, Constructing Q. M. Officer,
 Presidio of Monterey. Plans for the
 construction of a garbage incinerator
 at the Presidio of Monterey have been
 completed and figures are now being
 taken by Major F. A. Grant, Construct-
 ing Quartermaster, Presidio of Mon-
 terey. Bids will be opened on March
 5th. Plans and specifications may be
 obtained by addressing Major F. A.
 Grant.

Building Contracts.

SANTA CLARA COUNTY.

NO. 216 WEBSTER, San Jose. Two-
 room addition and garage.
 Owner.....Frank Lawlor, Premises.
 Architect....None.
 Day's work. COST, \$650

NO. 326 N-THIRD, San Jose. Remodel
 room.
 Owner.....Frank Zingheim, Prem.
 Architect....None.
 Day's work. COST, \$400

SW MARKET AND AUZERAIS AVE.,
 San Jose. Sleeping porches.
 Owner.....Dr. F. H. Patterson, Prem.
 Architect....None.
 Day's work. COST, \$400

SE GARDNER AND SAN SALVADORE,
 San Jose. Addition and brick ovens.
 Owner.....J. Menchie, 448 W-Santa
 Clara, San Jose.
 Architect....None.
 Day's work. COST, \$1400

NOS. 63 AND 66 S-FIRST, San Jose.
 Remodel front.
 Owner.....Gardner Co., Premises/
 Architect....None

Contractor, Shattenhamer Bros., 143 S-
 Crittenden, San Jose.

COST, \$1400

W THIRTIETH, 3rd lot S of Taylor,
 San Jose. Five-room cottage.
 Owner.....M. Cancilla, Premises.
 Architect....None.
 Day's work. COST, \$1800

SW ST. JOHN AND FIFTEENTH, San
 Jose. Five-room cottage.
 Owner.....E. Hiatt, 24 Brooks Ave.,
 San Jose.
 Architect....None.
 Day's work. COST, \$2000

S ST. JOHN, 2nd Lot W Fifteenth, San
 Jose. Six-room cottage.
 Owner.....E. Hiatt, 24 Brooks Ave.,
 San Jose.
 Architect....None.
 Day's work. COST, \$2000

S ST. JOHN, 3rd Lot W Fifteenth, San
 Jose. Six-room cottage.
 Owner.....E. Hiatt, 24 Brooks Ave.,
 Ave., San Jose.
 Architect....None.
 Day's work. COST, \$2000

NO. 101 S NEW TWENTY-FOURTH,
 San Jose. Remodeling residence.
 Owner.....G. P. Wells, Premises.
 Architect....None.
 Day's work. COST, \$400

SW LATAWANA AND ST. JAMES, San
 Jose. Five-room cottage.
 Owner.....C. H. Fish, Premises.
 Architect....None.
 Day's work. COST, \$1800

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUNGALOW—1½ story and base,
 frame, \$4,500. Mill Valley, Marin Co.,
 Cal. Architects, Falch & Knoll, Hearst
 Bldg., S. F. Owner, John Baker. The
 bungalow has been designed to con-
 tain seven rooms, bath and sleeping
 porch. Interior finish will be of pine
 and redwood with some hardwood
 floors. There will be furnace heat and
 open fire places. Mantels will be of
 brick. Bath room and kitchen will
 have tile wainscot. The exterior of the
 house will be covered with cement
 plaster. Plans are nearly complete
 and figures will be called for next
 week.

CITY HALL—2 story and base,
 frame, \$8,500. Larkspur, Marin Co.,
 Cal. Architect, C. O. Clausen, Phelan
 Bldg., S. F. Owners, City of Lark-
 spur. The building will contain the
 city departments, jail and fire house.
 Interior will be finished in pine and
 redwood. Exterior will be covered
 with cement plaster. Plans have been
 revised and new bids are now being
 called. Bids will be opened on Feb-
 ruary 26th. Plans can be secured from
 the architect in this city.

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 3 AND 4 BIK. 60, City of Rich-
 mond. Excavating, concrete and
 cement work, brick work and car-
 pentry work for brick structure.
 Owner.....Wm. H. and Frances S.
 Hoyt, Richmond.
 Architect....James T. Nabbett, Rich-
 mond.

Contractor, Jas. Cruickshanks, Rich-
 mond.

Filed Feb. 7, '13. Dated Feb. 3, '13.
 Walls ready for steel beams....
 Roofing completed and plaster-
 ing done
 Building completed
 Usual 35 days.

TOTAL COST, \$528.

Bond, none. Limit, 60 working days
 Forfeit, \$2. Plans and specification
 filed.

ON TIDE LANDS IN MARTINEZ

All work for municipal wharf an
 approach thereto.

Owner.....Town of Martinez.

Architect....None.

Contractor, Mercer-Fraser Co., 16 Cal
 ifornia, San Francisco

Filed Feb. 10, '13. Dated Feb. 10, '13.

90% material used necessary. \$1322

Completion of work.....661

Usual 35 days.....Balance

TOTAL COST, \$26,44

Bond, \$13,250. Surety, Pacific Coast

Casualty Co. Limit, 120 working days

Forfeit, \$20. Plans and specification

filed.

Liens Filed.

MARIN COUNTY.

RECORDED AMOUNT

Feb. 6, 1913—INVERNESS, Marin Co.

E K Wood Lumber & Mill Co cpn

vs Almerie Coxhead.....\$122.50

FRESNO, MODESTO, STANIS LAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base
 frame, \$5,000. Madera, Madera Co.
 Cal. Architect, Carl Thayer, Fresno.
 Owner, Richard Roberts. The house
 will contain about seven rooms and
 bath. Interior finish will be of pine
 and redwood throughout. Oak floors
 will be used in the principal rooms.
 There will be a large open fire place
 in the living room with a brick man-
 tel. The bath room will be finished in
 tile. The exterior of the house will
 be covered with cement plaster on
 metal lath. Plans are complete and
 figures are being taken.

TELEPHONE EXCHANGE—2 story
 and base, brick, \$12,000. Fowler, Pres-
 no Co., Cal. Architect, C. K. Kirby, Jr.
 Fresno. Owner, H. Harris. This build-
 ing has been leased to the Fowler
 Telephone Co. and will be occupied
 entirely by the company. The first
 floor will contain the general offices
 apparatus room and public office.
 Upper floor will be arranged for the
 exchange. There will be a central
 heating system. Interior finish will be
 of pine and hardwood. The exterior of
 the building will be faced with pressed
 brick. Plans are nearly complete and
 figures will be called for shortly.

APARTMENT HOUSE—2 story and
 base, reinforced concrete. Cost not
 stated. Bakersfield, Kern Co., Cal. Ar-
 chitect, Thomas B. Wiseman, Bakers-
 field. Owners, A. E. Wishon and Claude
 Thompson Estate. The building will
 cover a considerable ground area and
 is to contain eight apartments ar-
 ranged in two and three room suites.
 All apartments will have connecting
 baths and wall beds. Plans provide for
 steam heat and hot and cold running
 water. Interior finish will be of pine

and hardwoods. The exterior of the building will be faced with cement plaster. Plans are being prepared.

CHURCH—1 story and base, concrete and frame. Cost not stated. Ketter, Tulare Co., Cal. Architect, A. Merrill Bowser, Oakland. Owners, Baptist Church of Exeter. The building will be designed in the Mission style with a cement plastered exterior and a roof. The main auditorium will have a seating capacity of 500 people besides the auditorium there will be Sunday school rooms, parlors and pastor's study. Interior finish will be of pine and redwood. There will be a central heating system. Plans are being prepared and figures will be called for shortly.

CHURCH—2 story and base, brick, \$30,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Bakersfield. Owners, Presbyterian Church of Bakersfield. The building will contain a main auditorium with a seating capacity of 400, Sunday school department, gymnasium, social rooms and parlors. Interior finish will be of pine throughout. There will be a central heating system. Plate and art glass windows will be installed. The exterior of the building will be faced with pebble brick. Plans are being prepared and figures will be called for shortly.

GARAGE—1 story and base brick and steel. Cost not stated. Fresno, Fresno Co., Cal. Architect, none. Owners, Haynes Automobile Co. This company has recently secured a site at the corner of Stanislaus and I streets, and have had plans prepared for a commercial garage and sales rooms. The interior of the front portion of the building will be handsomely finished in tile, pine and hardwood. Floor will be of tile. The rear of the building will contain the repair shop and storage space. There will be a cement floor and metal window sash and frames. The exterior of the building will be faced with cement plaster.

LODGE HALL—3 story and base, brick. Cost not stated. Modesto, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owner, John Tully. This building which has been leased to the Modesto Elks, has been fully described in these columns before. A contract for the construction will be let this week.

SCHOOL—1 story and base, reinforced concrete, \$20,000. Midway School District, Kern Co., Cal. Architect, Thomas B. Wiseman, Bakersfield. Owners Midway School District. The building will be in the nature of an addition to the present building and will be arranged to contain four class rooms. There will be a central heating system. Interior finish will be of pine. Some maple floors will be used. There will be composition blackboards. The exterior of the building will be faced with cement plaster. Plans are being prepared.

PUMPING PLANT—Cost not stated. Bakersfield, Kern Co., Cal. Engineer's name not given. Owner, H. J. Saecker, Bakersfield. Mr. Saecker is to install a large pumping plant for irrigation purposes on his ranch south of Bakersfield. Mr. C. M. Stoll, also of Bakersfield, is now taking figures for the installation of a pumping plant at Rio Bravo. He may be addressed at Bakersfield.

Contracts Awarded.

STORE—1 story and base, brick. Cost not stated. Madera, Madera Co., Cal. Architect's name not given. Owner, Madera Daily Tribune. Contractor, George Zoerb, Madera. Contract price not stated. Note: This building will be in the nature of an addition to the Tribune plant and will cover an area of 30x90 feet.

STORES AND ROOMS—2 story and base, brick. Cost not stated. Fresno, Fresno Co., Cal. Architect's name not given. Owner Thomas H. Lynch. Contractor, H. A. Hansen, Fresno. Contract price not given. Note: This building will be erected on a corner site and will cover an area of 100x150 feet.

Completion Notices.

FRESNO COUNTY.

RECORDED	AMOUNT
Feb. 13, 1913—SE ¼ OF SE ¼ OF	
Sec. 14 Tp 14 S Range 20 E M & B	
Mc. Page School District to whom	
it may concern.....	Feb. 6, 1913

Release of Liens.

FRESNO COUNTY.

RECORDED	AMOUNT
Feb. 13, 1913—LOTS 25 TO 32, BLK	
81, Fresno. C S Pierce Lumber Co	
to E Gottschalk & Co.....	\$596

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HOG HOUSE—1 story, frame and concrete. Cost not stated. Davis, Yolo Co., Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Regents of the University of California. All figures received for this work have been rejected and plans will be revised. New bids will be called for shortly. The official proposal will appear in these columns at that time.

Release of Liens.

SACRAMENTO COUNTY.

RECORDED	AMOUNT
Feb. 11, 1913—LOT 160.22 x 49.96 x	
160.175 ft. x 40 ft. the SW Cor. of	
which is 1327.04 ft. E of E line	
31st St., Sacramento. Capitol	
Paint Co to Louis Trebina and Wm	
Lindsay	\$23.30

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—5 story and base, Class B construction, \$125,000. Los Angeles, Cal. Architect, J. W. Chalmers, Mason Bldg., L. A. Owner, A. L. Hill. This building has been mentioned here before when plans were being prepared. The structure will be erected at the northwest corner of 6th and Lake streets, and will cover an area of 96x148 feet. There will be a total of 183 rooms, which will be arranged in suites of two, three and four rooms each with private bath and wall beds. Interior finish will be of pine and mahogany. Baths will be finished in tile. There will be automatic elevators, steam heat and a vacuum cleaning system. The exterior of the building

will be faced with cement plaster and artificial stone. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Scott Quintin, Douglas's Bldg., L. A. Owners, Los Angeles Securities Co. The building will cover an area of 72x100 feet. The first floor has been arranged for two stores and the upper floors for 100 rooms, which will be divided into two and three room suites with baths and wall beds. Interior will be finished in pine, redwood and some hardwood. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—5 story and base, Class B construction. Cost not stated. Los Angeles, Cal. Architects, Dennis & Farwell, Fay Bldg., L. A. Owner, Louis C. Lohman. The building is to contain 85 rooms, which will be arranged in suites of two and three rooms each with wall beds and private baths. Interior will be finished in birch and white enamel. There will be steam heat, elevator service and a vacuum cleaning plant. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick and artificial stone trim. Plans are being prepared.

APARTMENT HOUSE—4 story and base, brick and steel, \$65,000. Los Angeles, Cal. Architects, Pacific States Investment Co., 107 So. Broadway, L. A. Owner, Dr. T. J. Rush. The building will cover an area of 50x130 feet, and will contain a large number of two and three room suites with baths and wall beds. Interior finish will be of pine and redwood. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with cement plaster. Plans are being prepared and when complete the building will be erected by the Pacific States Investment Co. on a percentage basis.

PAVING ROADS, ETC.—Asphalt and macadam. Cost not stated. Fullerton, Orange Co., Cal. Engineer, C. Flske, Jr., 2601 Leeward Ave., Los Angeles. Owners, City of Fullerton. Plans for paving a number of the principal streets and roads in Fullerton have been completed and are now out for figures. The work was mentioned in the last number of the News and was described in detail then. The official proposal appears in another column of this issue.

STORES AND LOFTS—8 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owners, Isaacs Bros. Co. The building will be erected on Broadway between 7th and 8th streets and will be Class A in all points of construction. There will be reinforced concrete floors and walls will be pressed brick and terra cotta facing. Metal window frames and sash will be used. There will be steam heat, elevator service and a vacuum cleaning plant. Interior trim will be of metal. The building will have two entrances, both of which will be finished in marble. Plans are being prepared and the work will be done by Richards-Neustadt Co.

LOFTS 5 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, J. W. Chalmers, Mason Bldg., L. A. Owner, A. L. Hill. This building has been mentioned here before when plans were being prepared. The structure will be erected at the northwest corner of 6th and Lake streets, and will cover an area of 96x148 feet. There will be a total of 183 rooms, which will be arranged in suites of two, three and four rooms each with private bath and wall beds. Interior finish will be of pine and mahogany. Baths will be finished in tile. There will be automatic elevators, steam heat and a vacuum cleaning system. The exterior of the building

LES CAL. ARCHITECTS. Richards Neustadt Construction Co., Wright and Callender Bldg. L. A. Owner, J. J. Fay. The building will cover an area of 116x114 feet and has been arranged for a number of hotel flats. There will be concrete walls and floors. The exterior will be faced with cement plaster. There will be copper window frames and sash, fireproof doors and modern elevator service. Interior finish will be of pine throughout. An automatic sprinkler system will be installed. Vacuum cleaning will be installed. Plans are being prepared and when complete the work will be done by the Richards-Neustadt Construction Co.

CHURCH—1 story and base, brick and frame. Cost not stated. Orange, Orange Co., Cal. Architect, E. E. Meinardus, Higgins Bldg., L. A. Owners, German Lutheran Congregation of Orange. The building will be one story in height with two towers. The main auditorium will have a seating capacity of 1,000 people. Besides the main auditorium there will be Sunday school rooms and parlors. Interior will be finished in pine and redwood. The exterior of the edifice will be faced with cement plaster. Plans are nearly complete and the work will probably be done by Day Labor.

FACTORY GROUP—6, 1 story and base, reinforced concrete. Cost not stated. Torrance, Los Angeles Co., Cal. Architect, Irving J. Gill, 625 South Hill St., L. A. Owners, W. O. Hendrie Rubber Co., Denver, Colo. The complete plan includes the construction of six buildings, but only two will be erected at this time. The first of these two will cover an area of 640x660 feet. Other buildings will be identical in size covering an area of 50x100 feet. The first two buildings will be the general offices and factory and a power plant. Construction will be of reinforced concrete throughout. There will be metal window frames and sash. Plans are being prepared.

LODGE HALL AND STORES—3 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owners, Independent Order of Odd Fellows. The property at the northwest corner of 12th and Flower streets is to be improved with a three-story building covering an area of 100x150 feet. Only preliminary plans have been prepared and details of the construction are not available at this time. The plans so far prepared show a building with the first floor arranged for stores and upper floors for lodge halls. Fred E. Peterson 332 South Broadway, is the chairman of the building committee. Complete information will be furnished as the plans progress.

HOTEL—4 story and base, brick, cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owners, Messrs. Edward and John Newell. The building will have a frontage of 47 feet and a depth of 114 feet. There will be stores and the general office and lobby on the first floor and in the neighborhood of 120 rooms on the upper floors. Plans provide for steam heat, elevator service and hot and cold running water in all rooms. Interior finish will be of pine. Tile, marble and hardwood will be used in the lobby. The exterior of the building will be faced with pressed brick. Plans are being prepared.

GARAGE—1 story and base, brick, cost not stated. Pasadena, Los Angeles Co., Cal. Architect, none. Owners, Claude M. Jones and J. H. Franklin, 688 Fernando St., L. A. The site is 70x120 feet. The building will have a cement floor, composition roof and special gasoline storage tanks. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans are complete and the excavating has been started. Work will probably be done by Day Labor.

HOTEL—10 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect not selected. Owner, N. W. Stowell, 667 E. W. Hellman Bldg., L. A. This building will be erected in the east line of Spring street north of 5th. Several architects are now preparing sketches and a decision will be made shortly. Plans submitted show 27 rooms to the floor, 12 of which will have private baths. Construction will be Class A throughout with a complete steel frame and exterior walls of brick, faced with pressed brick and terra cotta. The building has been leased to J. P. Stockdale, Delta Bldg. Complete details will be given as soon as an architect is selected.

HOTEL AND STORES—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Robert M. Taylor, Douglass Bldg., L. A. Owner, Jacob Joseph. The building will cover an area of 100x120 feet. There will be several stores besides the lobby and offices on the first floor. Upper floors will be divided into 100 guest rooms, many of which will have private baths. Interior finish will be of pine and hardwood. There will be steam heat, freight and passenger elevators, a vacuum cleaning system and hot and cold running water. Baths will have composition floors. The exterior of the building will be faced with pressed brick trimmed with artificial stone. Plans are being prepared.

ACADEMY BUILDINGS—2, 1 story and base, reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owners, Throop Polytechnic Institute of Pasadena. One of the buildings is to be designed for an Art Museum and the other for a library. The style of architecture will conform to the present buildings. Construction will be of reinforced concrete throughout. Interiors will be finished in pine and hardwoods. There will be a central heating system. The exteriors will be faced with cement plaster. Plans are being prepared.

SCHOOL WORK—Concrete walls, plumbing, etc. Cost not stated. Architect not stated. Owners, City of Los Angeles. Bids will be received by the Board of Education, 730 Security building, up to 11 o'clock a. m. of Thursday, February 27, 1913, for the following construction work: (For the erection of a frame sloyd building at the West Vernon Avenue School site, West Vernon Avenue between Olive street and Grand avenue; for remodeling the basement of the Custer Avenue Intermediate School at Temple street and Custer avenue; for constructing a cement retaining wall at the Sherman School; for constructing a cement retaining wall at the Colegrove School; for installing electric fixtures in seven school buildings; for installing plumbing in the cookery room at the Santa Fe Ave-

nue School, Santa Fe avenue and S. 14th street; and for the sale and removal of a building on the Wilmington school site. Plans and specifications for the above work may be obtained at the office of the secretary, Wm. Sheldon, 730 Security building.

LIBRARY—1 story and base, brick, \$10,000. Watts, Los Angeles Co., Cal. Architect, Elmore R. Jeffery, Citiz. National Bank Bldg., L. A. Own. Town of Watts. The building will be 40x70 feet, and is to be designed in a classic style. There will be one large reading room and the stack room a librarians' office. Interior will be finished in pine and hardwood. Concrete floors will be used. A central heating system is to be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SCHOOL—1 story and base, brick, \$25,000. El Modena, Orange Co., Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, El Modena School District. This work has been mentioned here before. Plans are complete and figures are being taken. Bids will be opened in El Modena on March 1st. Bids are being taken as the plans and specifications can be obtained from the architect.

IRRIGATION SYSTEM—Ditches and concrete pipe. Cost not stated. San Jacinto, Riverside Co., Cal. Engineered name not given. Owner, S. S. Lathley, Van Nuys Bldg., L. A. Mr. Lathley will shortly let a contract for construction of about 20,000 feet of irrigation ditches and also for a large amount of reinforced concrete pipe.

STORES AND OFFICES—8 story and base, reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect's name not given. Owner, Matthew Slavin, Slavin Bldg., Pasadena. This project is, as yet, in the tentative stage and only sketches have been prepared. Mr. Slavin is also considering a proposition for the construction of a three-story theatre building on the site. Plans will be complete and a contract let as soon as a decision is reached by the owner.

STORES AND MOVING PICTURE HOUSE—1 story and base, brick, \$900. Los Angeles, Cal. Architect, Fred L. Stiff, Grosse Bldg., L. A. Owner, Niles Pease Investment Co. The building will cover a ground area of 57x75 feet. There will be two stores besides the picture show house. The theatre will have a seating capacity of 100 people. Interior will be finished in pine. There will be a cement floor and concrete exits. The exterior of the building will be faced with pressed brick. Plans are being prepared.

AMUSEMENT PIER—Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect's name not given. Owner, State Investment Co., Severance Bldg., L. A. This company has taken an interest in the Fraser Pier Co. and have announced that plans are being prepared for several new buildings which are to replace those recently destroyed by fire. The new structure will include a large theatre, roller skating rink, cafe, dance pavilion and roller coaster. Construction will be started as soon as plans can be completed.

THEATRE—1 story and base, brick and concrete. Cost not stated. El Centro, Imperial Co., Cal. Architect, E. H. Borgmeyer, Stimson Bldg., L. A. Owner,

C. M. Applestill. The building will be 50x140 feet. The auditorium will have a seating capacity of 700 people. Interior will be finished in pine. There will be a cement floor and a modern system of ventilation. Exterior of the building will be faced with pressed brick. Plans are complete and bids will be taken by the owner.

Contracts Awarded.

RESIDENCE—2 story and base, reinforced concrete. Cost not stated. Hollywood, Los Angeles Co., Cal. Architect, I. J. Gill, 623 South Hill St. A. Owner, Mrs. Sarah B. Clark. Contractors, Concrete Building and Investment Co., Citizens' Bank Bldg., L. A. Contract price not stated.

APARTMENT HOUSE—5 story and base. Class B construction, \$50,000. Los Angeles, Cal. Architect, E. J. Borgumeyer, Stinson Bldg., L. A. Owner, Julius R. Smith. Contractor, C. S. Blodgett, 336 North Burlington Ave., L. A. Contract price, \$50,000.

STORES AND THEATRE—Brick and steel. Cost not stated. Los Angeles, Cal. Architect, Scott Quintin, Douglass Bldg., L. A. Owners, Stoff and Schiller. Contractors, J. Chatzlanoff & Son, 2409 Central Ave., L. A. Contract price not stated.

APARTMENT HOUSE—4 story and base, brick, \$45,000. Los Angeles, Cal. Architect, none. Owner, Mrs. Lydia Montelth. Contractors, Pacific States Investment Co., 107 South Broadway, L. A. Contract price, \$45,000.

WAREHOUSE—4 story and base, reinforced concrete, \$27,000. Long Beach, Los Angeles Co., Cal. Architect, George W. Harding, Citizens' National Bank Bldg., L. A. Owners, City Transfer, Van and Storage Co., Contractor, A. L. Dutro, 617 Orange Ave., Long Beach. Contract price, \$27,000.

FACTORY AND WAREHOUSE—1 and 2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect's name not given. Owners, Fraters Art Glass Co., Contractors, O. F. Engstrum Co., 5th and Seaton Sts., L. A. Contract price not given.

GARAGE—1 story and base, reinforced concrete, \$16,000. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, E. S. Butterfield. Contractor Earl F. Low, Byrne Bldg., L. A. Contract price, \$16,000.

HOTEL COMPLETION AND ADDITION—2 story and base, reinforced concrete, \$90,000. Pasadena, Los Angeles Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Henry E. Huntington. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$90,000.

SEWERAGE DISPOSAL PLANT—\$20,000. Soldiers' Home. Cal. Engineer's name not given. Owners, California's Soldiers Home. Contractors, J. D. Kneen Co., Santa Monica. Contract price, \$19,800.

SEATTLE AND WASHINGTON.

SCHOOLS—2, 2 story and base, reinforced concrete, \$65,000 each. Seattle, Wash. Architect, Edgar Blair, Seattle. Owners, City of Seattle. Each of the buildings will contain eight class rooms and an assembly hall. Interior finish will be of pine and hardwood. Plumbing and heating are to be included in the general contract. One of the buildings will be erected on Con-

cord street near 7th avenue, and the other on the corner of North 55th street and Latona avenue. Plans have been approved by the Board of Education and bids will be opened on February 20th. Plans can be secured from the architect or from Reuben W. Jones, Clerk of the Board of Education. Working drawings are being prepared for two similar buildings, which are to be erected in Seattle as soon as plans can be completed.

HYDRO-ELECTRIC PLANT—\$6,000,000. Anacortes, Wash. Engineers, Stone & Webster Corp., Seattle. Owners, Stone & Webster Co. This company has recently secured the property of the Skagit Power Co., near Anacortes, and will shortly start construction work on what is to be the second largest hydro-electric generating plant in the United States.

REMODELING STORE FRONTS—\$60,000. Seattle, Wash. Architect, Harlan Thomas, Eiler Bldg., Seattle. Owners, Rhodes Co. This work has been mentioned here before. New steel ceilings will be installed and an automatic sprinkler system. Plans are complete and figures are being taken.

STORES AND OFFICES—15 story and base. Class A construction, \$550,000. Vancouver, B. C. Architects, Russell, Babcock & Rice, Metropolitan Bldg., Vancouver. Owner, Mr. Weart. Contracts for the construction of this building will not be awarded for at least another ten days. The owner is in the east and no bids will be opened until his return. Figures are all in.

THEATRE—2 story and base, brick and concrete, \$20,000. Pomeroy, Wash. Architect, E. W. Houghton, Collins Bldg., Seattle. Owner, C. H. Seeley. The building will contain one balcony and a large main auditorium. Construction will be practically fireproof. Interior will be finished in pine and ornamental plaster. Complete stage equipment will be ordered. There will be steam heat and a modern system of ventilation. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

WAREHOUSE—4 story and base, reinforced concrete, \$75,000. Seattle, Wash. Architects, Weld & Thomas, Hogg Bldg., Seattle. Owners, Northern Pacific Railroad Co. This building will be erected on 4th avenue and will contain one store room and a large warehouse. There will be steam heat, elevators and automatic sprinkler system and metal window frames and sash. Interior finish will be of pine throughout. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

BRIDGE—Steel and concrete, \$10,000. Tacoma, Wash. Engineer, County Surveyor M. Roy Thompson, Tacoma. Owners, Pierce County. Plans for a 1,000-foot steel bridge over the Nisqually River at La Grande are nearly complete and bids will be called for shortly. Complete information can be secured by addressing County Surveyor Thompson, Tacoma.

HOTEL ADDITION—10 story and base, reinforced concrete, \$250,000. Seattle, Wash. Architects, Black Construction Co., St. Louis, Mo. Owners, New Washington Hotel Co. This work was mentioned here over a year ago. The amalgamation of the interests of the New Washington Hotel Co. of Se-

attle and the St. Francis Hotel Co. of San Francisco makes the construction of the annex an assured fact. The Black Construction Co. will probably carry out the work as well as prepare the plans.

LIBRARIES—2, 1 story and base, reinforced concrete and brick. Cost not stated. Spokane, Wash. Architects as follows. Owners, City of Spokane. Architect Julius Zittel, Spokane, has been commissioned to design the North Side Branch Library, and Architect Albert Hild will design the Union Branch Library. These commissions have just been made and details of the buildings are not available at this time.

RAILROAD CONSTRUCTION—Seattle to Sumas, Wash. Engineers, Engineering Dept. Northern Pacific R. R. Co. Owners, Northern Pacific R. R. Co. This road has just issued a statement to the effect that they will relay with 95-pound rails for a distance of 120 miles on their right of way between Seattle and Sumas. The estimated cost is \$1,000,000, and includes the construction of several reinforced concrete bridges.

Contracts Awarded.

ASSOCIATION BUILDING—6 story and base. Class A construction, \$340,270. Vancouver, B. C. Architect's name not given. Owners, Young Men's Christian Association. Contractors, Booker, Campbell & Whipple, 413 Granville St., Vancouver. Contract price, \$340,270. Note: This building when completed will cost \$600,000.

LIBRARY—1 story and base, brick and concrete, \$30,000. Seattle, Wash. Architects, Thomas and Somervell, associated, Seattle. Owners, City of Seattle. Bids opened for the Queen Anne Branch Library show Weock & Behrens, Oriental Bldg., low on the general construction at \$23,850; Ernst Hardware Co., low on the plumbing at \$2,545, and J. J. Agutter & Co., low on the electric work at \$323. The above mentioned firms will probably be awarded the contracts.

DEPARTMENT STORE—8 story and base. Class A construction, \$2,500,000. Vancouver, B. C. Architects, Burke, Horwood & White, Toronto. Owners, Hudson's Bay Co., Contractor's Bourke, McDonald & Moncrieff, 142 Hastings St., Vancouver, B. C. Contract price, \$2,500,000. Note: Plans for the mechanical equipment are being prepared by P. R. Mosses of New York, and Taussig & Fleisch of Chicago are designing the fixtures.

STORES AND OFFICES—3 story and base, reinforced concrete, \$150,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owners, Crawford and Conover. Contractors, Butler Construction Co., Central Bldg., Seattle. Contract price, \$150,000. Note: This building will cover an area of 60x108 feet.

HOTEL—5 story and base reinforced concrete, \$62,977. Butte, Mont. Architect, Floyd Hammill, Butte. Owners, Alex. Leggat and M. R. Couse. Contractor, George Nelson, Madison Block, Seattle. Contract price, \$62,977.

LIBRARY—1 story and base, reinforced concrete, 25,000. Seattle, Wash. Architects, Harlan Thomas and W. Marbury Somervell, Seattle. Owners, City of Seattle. The Board of Trustees of the Seattle Public Library has awarded contracts as follows on the Queen Anne branch library building as follows:

Weock & Behrens, Oriental Bldg.,

general contract, at \$23,850.

Ernst Hardware and Plumbing Co. for the plumbing, at \$880.

The Lavan Plumbing and Heating Co. for the heating, at \$2,100 and J. J. Aquilino & Co. for the wiring at \$325.

RESIDENCE—2 story and base, brick 10,000. Seattle, Wash. Architects, Webb & Mendell, Denny Bldg., Seattle. Owner, S. S. Loeb, Contractor, J. N. Johnson, 2813 21st Ave., Seattle. Contract price, \$10,000.

PORTLAND AND OREGON.

CHURCH—2 story and base, stone, \$100,000. Irvington, Ore. Architect, Ellis F. Lawrence, Portland. Owners, Westminster Presbyterian Church. The stone work on the building is already completed, and the architect is now taking figures for the carpentry, plumbing, heating, plastering, electric work and sheet metal work. Art glass and interior decoration will be let later.

CLUB HOUSE—3 story and base, brick, \$50,000. Portland, Ore. Architects, W. B. Bell and J. Terry Wilding, Portland. Property owners in the Laurelhurst district have decided to give the district a suitable meeting place and have secured a large site. Plans are as yet in a preliminary state and details of the building cannot be given. Fuller mention will be made in these columns as the plans progress.

LIBRARY—1 story and base, brick and concrete, \$17,000. Albany, Ore. Architect, W. F. Tobey, Sherlock Bldg., Portland. Owners, City of Albany. Plans have been approved for this work and the Trustees have now decided to go ahead with the construction. The building will cover an area of 74x52 feet and is classical in design. The exterior will be faced with pressed brick. There will be a central heating system. Interior finish will be of pine and hardwood. Bids are now being taken.

TIMBER SALES FOR 1912.

The United States Forest Service reports that, during the last fiscal year there was sold from National Forest land in California 109,211,000 board feet of timber valued at \$232,697.81. These sales were distributed among the various National Forests of the State as follows:

Forest.	Feet B. M.	Value
Angeles	3,155,000	\$ 5,433.16
California	747,000	1,642.89
Cleveland	258,000	759.50
El Dorado	59,000	154.70
Inyo	756,000	1,821.45
Kern	458,000	895.97
Klamath	1,638,000	1,944.84
Lassen	112,000	311.63
Modoc	3,788,000	4,872.25
Mono	207,000	751.77

Monterey	674,000	2,630.00
Plumas	4,749,000	7,573.17
Santa Barbara	58,000	48.10
Sequoia	1,286,000	2,082.06
Shasta	358,000	620.00
Sierra	2,262,000	3,752.11
Stanislaus	10,799,000	23,735.20
Tahoe	77,531,000	172,061.95
Trinity	319,000	607.01

Totals109,214,000 \$232,697.81

Of this amount 12,356,000 feet were sold to small operators and local residents in sales varying from a few dollars to \$500 each and consisted largely of cordwood, posts, poles, mining timbers, etc. The majority of these small sales were made during the Fall and Winter when mining operations are in full force, fuel is in demand and ranchers are making their annual repairs and improvements.

Among the larger sales were two on the Tahoe Forest, one of 1,270,000 feet to the Davis Box and Lumber Company and one of 76,000,000 feet to the Verdi Lumber Company. The latter covers a cutting period of eleven years. On the Stanislaus Forest two large sales were made to the Standard Lumber Company, covering a total of 8,536,000 feet. Other large sales included one on the Plumas Forest of 2,920,000 feet to the Grizzly Creek Ice Company and one on the Angeles Forest of 5,260 cords of juniper fuel wood.

INVESTIGATION OF WATER RATES. Cost of Water For Ships and Cost to

Contractors Shown.

The investigation by the water rate committee of the supervisors Tuesday night of the rates charged steamship companies at this port brought out some surprising figures of the amount paid the Spring Valley Water Company by the steamship firms.

T. Cary Friedlander, appearing for the Chamber of Commerce, stated that the Pacific Mail Steamship Company paid the water company \$25,000 per year for water for its ships. He asserted that the high rate charged for water in San Francisco had driven the Alaska Packers' association to develop water in Oakland and transport it in barges to the company's ships anchored off the local wharfs.

It developed that the city pays a rate of \$1.50 per 1000 gallons of water, while transient steamship companies are charged much more.

The rates in Seattle and Tacoma are \$15 for a ship, no matter what amount of water is used. In San Pedro the rate is \$1 for the first 1,000 gallons and 25 cents for each additional 1,000 gallons. Oakland charges 50 cents per 1,000 gallons.

There rates were quoted by Attorney Daniel Ryan for the board of harbor commission. He said the high rate discouraged shippers from landing at this port, and urged that the rate committee fix the price for all ships at \$1.50 per 1,000 gallons.

For contractors along the waterfront he asked that the rate be reduced from 14 cents for enough water to mix a barrel of cement to seven eighths of a cent.

J. J. Dwyer, chairman of the harbor commission, said the state had to pay between \$6000 and \$7000 each for enough water to mix cement for projects Nos. 30 and 32.

He referred to the charge of \$1.00 made against the steamer Cleveland last week.

Contractors testified to the rate charged them for water to mix concrete.

The investigation was continued at a further date to be announced by chairman, Andrew Gallagher.

Mayor Rolph was present, but to no part in the examination.

PARCEL POST GROWING.

WASHINGTON, February 7.—Approximately 40,000,000 parcel post packages were handled in January. At the five largest postoffices, 19,265,433 parcels were handled in the first three operations of the new system, and the business of the last two weeks exceeded that of the first two weeks more than 5,000,000 packages.

Chicago exceeded all other cities in the number of parcels handled, its total being 4,163,153. Other cities reported as follows:

New York, 3,519,788; Boston, 1,151,400; Philadelphia, 1,035,000; St. Louis, 918,000; Cleveland, 879,768; Brooklyn, 830,000; Detroit, 510,072; Cincinnati, 413,811; Kansas City, 357,102; Baltimore, 328,500; Minneapolis, 300,000; San Francisco, 290,000; Buffalo, 264,006; Washington, D. C., 222,953; Milwaukee, 219,940; Pittsburgh, 207,076; Atlanta, 183,000; St. Paul, 181,056; New Orleans, 166,300; Seattle, 155,692; Indianapolis, 152,900; Dallas, 130,200; Louisville, 114,000; Denver, 110,396; Richmond, 100,000; Nashville, 62,270; Jacksonville, 42,960.

62,045 SURPLUS CARS.

CHICAGO, February 11.—A statement recently issued by the American Railroad Association shows that there were 62,045 surplus cars throughout the country on February 1st, as compared with a surplus of 53,250 cars on January 15th last. There was a total shortage of 24,7 cars on February 1st, as compared with a shortage of 24,791 cars on January 15th.

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GENERAL CONTRACTORS ASSOCIATION



BUILDING AND INDUSTRIAL NEWS

Tuesday, February 25, 1913

SAN FRANCISCO AND OAKLAND, CALIFORNIA

Contractors Equipment

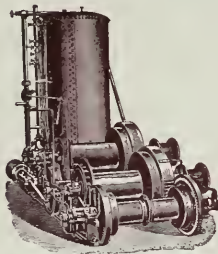
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Moving pictures of the Balkan war
convey interesting impressions of life
and customs of the far East. And to
judge from the pictures that are shown
there can be but one result of the war
and that is the defeat of Turkey. To
begin with every peasant and person
of all the allied countries that have so
long felt the tyranny of Turkey seem
imbued with the idea of freeing them-
selves from the yoke and are eager to
sacrifice everything for the cause. An
intense and fervid patriotism pre-
vades them. And they are equipped
with modern implements of war and
are manned and officered with com-
petent authority.

On the other hand the Turkish
soldiery seems to represent the ideas
and customs of 500 years ago. They
appeal to the same religious fanaticism,
they use the same methods of convey-
ing supplies. They dress in the same
fashion. While they are armed with
modern implements of warfare the old
creeds are outworn and the govern-
ment and the army seem to be in a
state of decrepitude and decay.

And it is only the hand of destiny.
For the Turkish nation has long been
a barrier in the path of progress. It
has been a blot on civilization. The
time has come for it to be relegated to
the place where it has long belonged
and the allies have seized the oppor-
tunity.

The plan for the control of the Sacra-
mento river flood waters are elaborate
and embrace a gigantic undertaking.
According to the explanation
given by Major Cheney of the United
States Army the cost is estimated to
be 33 million dollars. And the levees
to be constructed and the excavations
to be made will reclaim 400,000 acres of
land. And this land will be river sedi-
ment as rich as the valley of the Nile
and of unknown depth. It is said that
this scheme involves the handling of

more dirt and more excavation than
has been required in the Panama canal.
This statement alone conveys some
idea of the magnitude of the scheme
that is to be taken up by the state and
nation in conjunction.

Smoke and soot are becoming objects
of attention not only as a matter of
sanitation and nuisance but also as a
matter of industrial waste. Chemists
and experts who have made analyses
and estimates as to the amount of ma-
terial that goes up in the form of
smoke in the great chimneys of the
United States alone state that at least
600 million dollars worth of property
is wasted by this process every year.
And this is a general estimate of
damage and loss caused by soot and
gases that destroys vegetation, deface
buildings and smudge and corrode
things generally. It is estimated that
there is an annual coal loss of 300
million tons.

The United States Bureau of Mines
has just established in San Francisco
a special laboratory for the purpose of
studying the smoke given off by copper
smelting plants. The great chimney
constructed at Coram in Siskiyou
County for the purpose of carrying off
the fumes that come from the copper
smelters has had to be abandoned and
is now crumbling into dust. The
smoke that came from the smelter de-
vastated the vegetation for miles around
so that the whole copper smelting busi-
ness in that district had to be abandon-
ed.

The smoke inspector of Chicago es-
timates that the annual damage caused
by the soot and other ingredients of
smoke in that city alone amounts to
50 million dollars.

Methods for control of smoke and the
precipitation of matter contained
therein have been invented at various
times and some of them have stood the
tests of practical operation. The
throwing off of visible smoke may be
stopped by burning the coal in a
proper way; or by converting it into
gas and then burning this gas; or by
precipitating out the soot by electricity,
according to the process invented by
Doctor Cottrell of the Bureau of Mines.

The most injurious constituents of
the invisible smoke are sulphur dioxide
and sulphuric acid. These substances
have an injurious effect on trees. The
loss to the forests in the vicinity of the
smelters of the West amounts to many
millions of dollars. No method has as
yet been devised that would precipitate
these gases or even the compounds of
copper that go up the chimneys. The
construction of great chimneys from
the mountain tops have done much to
mitigate the evil but no remedy has
yet been found to do away with the
deleterious gases.

There is an editorial on Wilson's "New Freedom," which takes as a means of settling business policies without any business experience.

Certainly the methods of modern business as modern investigations have shown them to be are not commendatory and it requires no vast experience in anything to see that they are radically wrong. There is a certain class of people who conduct modern business that imagines all wisdom is lodged in that particular class. When it comes to a showdown the great sum of their wisdom is in engineering the steam roller. And when it comes to an equal footing and open competition they are ordinary plugs like the rest of us. If Wilson's heart is in the right place the people will trust that he has brains enough to run the business.

Battles and Holidays seem to occupy the attention of the Mexican people most of the time. It is said that there are more than 500,000 people in the City of Mexico or that that is its population at the present time. With battles raging in the streets the non-combatants and the innocent bystanders have certainly stood a good show of getting shot. Certainly it is a great travesty on the peace conferences and modern civilization to see fighting in the streets of a modern capital with attendant loss of life and property. It is to be hoped that the resignation of Madero may be followed by comparative peace, or that some dictator may arise who is able and powerful enough to hold the irresponsible and shiftless population in subjection.

A recent consular report has an interesting account of a new rubber plant that is said to produce a rubber that compares favorably with the products of the rubber tree and in explanation of the process has this to say:

"Plans are pending for an extensive cultivation in the Bahama islands of the rubber vine known as *cryptostegia grandiflora*. A \$500,000 syndicate having this object in view was organized several months ago in Boston, and about 1100 acres of land have been purchased near the city of Nassau, in the island of New Providence. A large number of shoots to be planted over this land will shortly arrive from Mexico, and special machinery for extracting the rubber and fibrous by-products by a secret process has been ordered from the United States.

It is understood that approximately 5000 rubber vines will be planted to the acre. After six months' growth the rubber vine is said to be twelve to thirty feet long. The vines will be cut in about twelve months, when there will be presumably two pounds of shrub to the plant as a minimum, yielding about 2 per cent of rubber, or 200 pounds of rubber to an acre.

The rubber juice is contained chiefly in the lactiferous ducts of the bark, but to some extent also in the wood of the stem; in fact, the entire plant contains a certain amount of rubber. While the process of extraction is secret, yet in the main it appears that it is analogous to the production of sugar from sugar cane. The rubber vine being ground up and the juice extracted as from sugar cane. Samples of rubber thus obtained from the rubber vine are

estimated as worth in the London market within 8 cents a pound of the price of the best Para rubber."

Rubber has become such an important factor in the commerce of today that a new supply is in much demand. If this new process serves to increase the supply it will contribute materially to a product that has become a modern necessity.

For once in its life the Chronicle is coming out in double leaded editorials denouncing the action of the Railroad officials in unmerging the Union Pacific and the Southern Pacific and insisting that it is the duty of the Railroad Commission to prevent its consummation. What is the cause of this change of attitude and championing of the people's cause is hard to determine unless it is that the proprietor's personal interest is concerned in the matter.

The indictment of the heads of the Western Fuel Company and the sentencing of the heads of the National Cash Register Company to terms in prison is bringing public attention to the fact that practices have been employed for a long time by corporations that merited such punishment if the courts and public prosecutors had sought to do justice under the law. No better evidence could be given for the justice of the public agitation in favor of the recall of the judges and the general demand that has been promulgated by all progressive leaders that all men be equal before the law.

The dynamite cases and the conviction of many of the labor leaders for the conspiracy has brought to light one phase of the industrial situation. The conviction of conspiracy in restraint of trade in the prosecution of the National Cash Register people bring to light another phase. And if the history of Standard Oil and other corporations have been read aright the heads of that corporation have not only been guilty of violation of the antitrust laws, but have used every method known to crush competitors, not even stopping at crimes even of which the dynamiters stand accused.

But on account of political control and the control of courts the heads of these corporations have gone unpunished and have grown to be multimillionaires. So also with the Meat Trust. When that greedy concern sold to the United States government, through grafting officials, the tainted meat that caused the loss of so many lives during the Spanish war the trials of the guilty parties run through a long series of years and were finally dismissed. The crimes of which they stood accused was even worse than that of the men who blew up the buildings with dynamite and killed innocent persons. For the dynamiters at least had the excuse that they were furthering a cause that they believed to be just while the meat barons had the one need to add to their already enormous wealth. Yet the people who applaud the conviction of the dynamiters in many cases approve the acquittal of the Meat Barons.

The action of the Idaho Supreme Court, the sentencing of Editor Nelson of the Kansas City Star and other acts of the courts is crystallizing public opinion upon this subject for which the Progressives have fought.

John L. McNab, the present U. S.

District Attorney, is proving faithful to his trust. He has resurrected many suits that have lain dormant for years. His prosecutions of the grafters has been straight-forward and clean. The Western Fuel Company will no doubt find that it is up against a real prosecution and the public will have a chance to determine of what kind of material the judges of the federal court in San Francisco are composed.

The Railroad Commission has become famous throughout the length and breadth of the land as an effective commission to whom all persons whether they be corporations or aggrieved parties could go and get substantial justice. Even the corporations who have been deposed and robbed of their special privileges can utter no valid objections against the proceedings of that body. The only objection that has been urged against these reforms is that they are extravagant and expensive. In regard to what people generally think of this the following from the Fresno Republican is in point:

Reform government is denounced as "extravagant" and "expensive" because some of its departments cost more for doing work than their predecessors did for loafing on the job. The present railroad commission, for instance, costs a lot more than its predecessors. Also, a motor truck costs more to run than a wheelbarrow. But it is also a much more economical method of transporting goods.

These remarks are suggested by the fact that among the hearings by the railroad commission, in the immediate future, are ten San Joaquin valley cases. That is more cases, affecting this immediate district, in the next two or three weeks, than were heard by all the previous commissions combined, for thirty years. Is it worth the price?

Speaking of freak bills that have been introduced into the legislatures from time to time the Scientific American has this to say of a recent measure that has been introduced into the national congress and has been the subject of extended mention in the magazine sections of the Sunday papers:

"It is simply amazing to learn that a bill has been introduced into the House of representatives seeking for Government aid in the preliminary work of building a dam or jetty, from 250 to 500 feet in depth and 200 miles long, reaching out into the broad Atlantic from the coast of Newfoundland. Of all the foolish bills that have found their way into the halls of Congress, surely this is the most conspicuous. It is the modest purpose of the promoter of this most modest proposal to divert the Gulf Stream, and thereby bring about sweeping climatic changes in the United States, in Greenland, and over various widely scattered areas of the habitable and uninhabitable globe.

We have been asked to comment on this bill, and we do so.

The Scientific American expresses the hope that, in the consideration of the scheme, the gift of imagination will be so mercifully tempered by the saving grace of humor, that the measure will be given an early burial, with such obsequies as, in the opinion of the House, are becoming to its dignity and importance."

History of the General Contractors' Association and Amalgamated Bodies as Told by the Present Secretary.

By W. E. Hague, Secretary.

The General Contractors' Association, while operating under that corporate name since April 6th, 1911, is really an amalgamated body, composed of the old Builders' Association and the Associated General Building Contractors.

In order that its history may be logically brought down to date we propose to give you first of all a history of the Builders' Association, which was the oldest organization of the two bodies forming the present association.

Early in the year 1885 a number of the more prominent San Francisco contractors commenced agitating the project of a Builders' Association, modeled on lines similar to those of the Eastern cities, modified to meet existing California conditions.

After a number of informal meetings a temporary organization was effected on the evening of May 6, 1885, at St. Andrew's Hall, 218 Post street, eleven gentlemen, C. C. Terrill, Wm. Plums, T. H. Day, J. G. Day, A. Jackson, C. Chisholm, R. Smilie, J. Mahony, R. McCann, T. C. Riddell and J. R. Wilcox, being present and paying the assessment levied.

At the following meeting on May 13th permanent organization was effected, a general discussion relative to the objects of the Association ensued, and officers were elected as follows: Robert Smilie, President; J. R. Wilcox, Vice-President; J. G. Day, Recording Secretary; E. Owens, Financial Secretary; J. Mahony, Treasurer, and the following committee on Constitution and By-Laws was appointed: Messrs. Mahony, Terrill, Riddell, McCann, Farrell, Moffitt and Moore. A committee was also appointed to invite the co-operation of Oakland contractors.

On June 3rd, after a number of reports from the committee and a number of alterations and amendments, the Constitution and By-Laws were adopted as a whole, and the Builders' Association of California commenced its career of usefulness. At this meeting the Committee on Hall reported that it had secured two rooms in the Academy Building, at 330 Pine street, which report was adopted. After a ballot, Messrs. Fletcher, McKillohan, Knight, Thompson, Day, Gray and Terrill were declared the Executive Committee elect, and were on motion instructed to fit up the rooms with the necessary furniture, stationery and boxes for members.

On motion of Mr. Terrill, at the meeting of July 22nd, nominations for officers were opened, and the following were elected: Robert Smilie, President; J. R. Wilcox, Vice-President; H. S. Gray, Recording Secretary; E. Owens, Financial Secretary; J. Mahony, Treasurer, and Messrs. Fletcher, Terrill, Moore, Jackson, Moffitt, Riddell and Lang to the Executive Committee.

At the meeting on September 9th, officers were nominated for the ensuing year, who were elected on January 27, 1886. After that time the annual elections were held in December. According to the report of the Treasurer, C. P. Moore, bearing date of August 1, 1886, the Association was in a prosperous condition, and had the respectable sum of \$303.16 cash balance. During the little over a year of its existence it had accomplished much good work, had been instrumental in correcting many disagreements between owners, architects and contractors, had devised a form of contract, to a great extent regulated the proportion of bond to the cost of structure, employed counsel's advice and laid a fine foundation for the future.

In 1887, in a circular letter issued by the Builders' Association, was an excerpt from Section 2 of its Constitution: "Its objects shall be to encourage a more intimate acquaintance and cultivate a feeling of friendship among its members, to make them better acquainted with the wants and necessities of the building business; to arbitrate and settle disputes, if any may arise among the members, and generally to advance and protect their business interests as contracting builders."

The issuance of this circular had its good results as shown by an increased membership and the promotion of a feeling between contractors and material men that the best interests of both would be conserved by the success of a strong central organization that would carefully and responsibly guard the rights of owners, building contractors and supply houses.

In July, 1887, the cash on hand and no bills due was \$1,147.46. In the same month the following resolution was carried by a rising vote: "Moved and seconded that when a member withdraws or is expelled for non-payment of dues, every material and millman who signs the agreement of this Association shall be notified of that fact by the Financial Secretary." At the same meeting the Executive Committee was ordered to have building contracts printed, and by a vote of the Association in September of the same year, it was decided that these were the only contracts that its members could sign.

In June, 1892, the Association moved to larger quarters at 17 City Hall avenue, which were handsomely fitted up.

Between 1887 and 1893 this Association grew and prospered, but as the exchanges of other building trades had consolidated and had made overtures to the Association to join with them, early in the year 1893 the question of amalgamation was discussed. January 30th a committee to consider and report on the subject of amalgamation was appointed.

On July 24, 1893, a motion was made to donate \$1.00 to the Midwinter Fair. President Jackson decided that the motion need not lay over for one week. He was sustained and the resolution passed unanimously. At the meeting held July 31, 1893, a report was received from the Joint Committee on Consolidation, which was satisfactory to the Association, and was acted on favorably by a unanimous vote, and on September 1st the Association removed to 16 Post street, the Exchange headquarters, and the union was completed, the Association having its regular weekly meeting, however, on Monday at 1:30 p. m. and preserving its own identity in every respect.

In the fall of 1896 agitation towards securing separate headquarters for the Association commenced and was actively discussed during the winter, and in July, 1897, a committee was appointed to procure new quarters, which recommended the old Standard Theatre Building, 315 Bush street, as the most advantageous of those offered. The report of the committee was concurred in and on October 1st the Association moved to the quarters, which it occupied up to the fire of 1906.

The feeling of the members that as the Builders' Association was a body of complete contractors, the amalgamation with the Exchange was a mistake and injurious to contractors and owners alike, and endless disputes

is to whose responsibility began and ended were constantly ensuing. The weeding out of all persons who proved either by mishap or want of ability that they were unable to transact an honorable business increased the Association's prestige and the reputation of the individual members.

The entrance fee, which was at first only ten dollars, was gradually increased until it stood at one hundred and forty dollars, and in addition was the pro rata of the new member towards the bond fund for the exclusive use of the Association's members.

The Association was located over nine years on Bush street—busy years, too, for its members, for as San Francisco grew so did the building trades, and for the last few years before the fire especially there was a large and ever-increasing number of residences, hotels, apartments, stores, factories, etc., built, offering employment to an army of men.

Consequent to this growth of the city there was great activity among the Association's members and a large increase in its membership roll, not only of active, but of associate members, the later increasing at the rate of ten a month during the summer and fall of 1905. This was not only due to the natural business increase, but in a large proportion to the efficient management of the Association by its officers and Executive Committee, who were men of experience and probity. The Association commanded the confidence and respect of every one.

After the fire of 1906 the Association secured temporary quarters on the northeast corner of Grove and Fulton streets, where they were located for about two years. As the city grew up once more it was decided that it was necessary to move to a suitable location down town, and on May 15th, 1908, quarters were secured and occupied at 402 Kearny street. In the meantime, however, the Builders' Exchange, having moved down town sometime previous, a considerable percentage of the membership had resigned and withdrawn. From then on to 1911 the old Association was unable to get back its former members and associate members, and the quarters at 402 Kearny street being rather small and somewhat out of the way, were probably the chief reasons that the organization could not continue to progress.

In the meantime a large number of the general contractors who were members of the Builders' Exchange, a few who were members of the Builders' Association and some who were members of neither body, decided to form an individual association of general contractors only the need of such an organization being apparent to all. After several preliminary meetings, on April 6, 1910, the Associated General Building Contractors was therefore organized and a constitution and by-laws adopted, the original membership being composed of 21 of the largest and most responsible general contractors in the city. This organization elected Mr. F. H. Masow as its first President, Mr. Robert Dewar, Vice-President; Mr. C. J. Lindgren, Treasurer, and Mr. Wm. E. Hague, Secretary, and secured an office in room 240, Pacific Building, with the use of a handsome meeting hall on the same floor. Bi-monthly meetings were held on the second and fourth Thursdays of each month, and the Board of Directors met almost every week.

The men who formed the Associated General Building Contractors were determined that a progressive organization should be built up on legitimate lines, which would eventually become a controlling factor in the building industry of San Francisco.

Owing to the excellent business management and to the progressive policy of the prominent men identified with it the association increased its membership in the

course of a year to 71, who were all men carefully selected for their experience as general contractors and their financial standing in the community. At the time of the formation of the association an admission fee of \$50 was fixed, and paid by all, and every member making application thereafter paid the fee.

Mr. F. H. Masow, as President, was an indefatigable worker, and the entire membership of the Board of Directors gave him its hearty support.

During the short time of its existence the Associated General Building Contractors did much to improve conditions for the general contractors and to protect their interests. The strike of the Hodcarriers' Union, which bid fair to tie up the entire building business of San Francisco, was handled in a manner never before dreamed of by the contractors. The Masons' and Builders' Association and the Contracting Plasterers' Association cooperated with the Associated General Building Contractors, and a strike committee of nine was appointed, being composed of three members from each association, with Mr. C. A. Day as Chairman. After the men had been out ten days and every plastering and bricklaying job but three in the whole city had been tied up, the Building Trades Council requested a meeting with the committee and receded from their demand for a reduction in working time, and ordered the men back to work.

During the successful year of its operation the Associated General Building Contractors adopted many resolutions of great importance to builders, took a leading part in the successful campaign for the new lien law, which was finally adopted by the State Legislature in Sacramento at its winter session of 1910-1911, and accomplished many other things worthy of note.

Frequent efforts were made during the year to draw in many of the members of the Builders' Association but these men, while appreciating the merit and progressiveness of the new association, decided that they could not equitably belong to both organizations, and therefore refused to join. However, there was a distinct desire on the part of both associations to get together, and in the spring of 1911 definite plans began to shape for the amalgamation of the two bodies. It was finally decided after many conferences between the committees from the two associations that the old Builders' Association should disincorporate and return its funds to its members, turning over its several thousand dollars worth of furniture and fixtures to the Associated General Building Contractors in lieu of the admission fee to be paid by the members. It was also understood at the time of this amalgamation that the amalgamated bodies should incorporate under some new name to be adopted later.

Under the terms of an agreement signed by the officers of both organizations the Associated General Building Contractors took over the headquarters of the Builders' Association on March 1, 1911, and on April 6, 1911, incorporated as a stock corporation under the name of "General Contractors Association," with an authorized capital of \$125,000, divided into 250 shares of stock of the par value of \$500 per share. A new Board of Directors was elected, with Mr. C. A. Day as President; Mr. Charles W. Gompertz, Vice-President; Mr. C. J. Lindgren, Treasurer, and Mr. Wm. E. Hague, Secretary. At the stockholders' meeting of April 6, 1911, it was decided to assess each stockholder \$50 as an original stock subscription and to assess them on all work done an amount of one-tenth of 1 per cent on the contract price of a job.

During the last eighteen months from the percentage tax receipts a fund dividend of \$25.00 has been declared by the Board of Directors in February and August. These dividends are not paid out in cash but are credited on the stock certificate, making the value of the certificate at this time \$125.00.

As part of the amalgamation plan it was intended that new headquarters commensurate with the size and importance of the new organization should be located as soon as possible, and for this purpose a New Headquarters' Committee was appointed without delay. Numerous locations were considered in various portions of the downtown district, and after this important question was considered at a number of stockholders' meetings it was decided to accept a proposition of the Sharon Estate Company to erect a nine-story, class "A" building on the northeast corner of New Montgomery and Jessie streets, and to lease to the Association the ground floor, the mezzanine floor and the basement of said building. On October 26, 1911, a lease for these new headquarters was finally signed, and shortly thereafter the plans were out for figures. Only stockholders were allowed to figure the work, and Messrs. Lange & Bergstrom having submitted the lowest estimate were awarded the general contract for the entire building at a price of \$258,504. Work on the new building was started at once, and as it progressed to completion the entire building business has been surprised at the magnificence of the headquarters secured. They are probably second to none in the United States, and are a monument to the progressive management of the organization which is to occupy them. There can be little doubt in the minds of observers that the General Contractors' Association after occupying its new headquarters will shortly have the largest membership ever attained by any builders' organization or builders' exchange in this city.

The annual report of the Secretary showed that on April 6, 1912, there were 108 stockholders and 310 associate members. This membership has now increased on March 1, 1913, to 124 stockholders and 420 associate members.

Since the incorporation of the General Contractors' Association the standing of the organization has steadily improved, and its progressive management has done much to open the eyes of the stockholders and the associate members to the possibilities of co-operation through a good organization managed on strictly business lines.

All difficulties with any Union are now at once referred to the Secretary's office, and in no case has a strike or boycott been declared on a job of any stockholder of the Association. Such matters are taken up by the Secretary and equitably adjusted with the Building Trades Council, which latter body has shown a sincere desire to co-operate with the builders and avoid trouble. It is an unwritten law of the Association that no job of any stockholder shall be allowed to be struck. The advantage of dealing with the Unions through an effective organization has been much appreciated, and while the peace has been kept the dignity of the employer at all times has been maintained. Numerous demands of various Unions have been refused and withdrawn by the Unions.

The support and recognition which the architects of this city have been increasingly giving to the Association and its work are matters worthy of note, and as time progresses this support and co-operation should be increased, and would undoubtedly be of benefit not only to the builders but to the architects themselves, who have suffered from the bad practices which have been allowed to creep into the business in times past.

A feature of the present plan of operation, and one worthy of note, is the co-operation between the general contractor, specialty contractor and material man, now firmly established through the medium of the Building Trades Employers' Association. That organization was formed by Secretary Hague, acting under instructions of the Board of Directors of the Associated General Building

Contractors, and is composed of eleven associations, representing all crafts of the building business, each represented by three delegates. This central body, with offices at 533 Pacific Building, Secretary George S. McCallum, and a meeting hall in the same building, has done much to protect the building industry from the encroachments of the Unions and the predatory interests of owners, etc. Such important matters as the new compensation laws, and other bills affecting employers, are handled by this central body in co-operation with other civic and public bodies of this city, and it is doing much to bring the builders to the front. This organization, it is firmly believed, will in the course of time become a leading factor in the building industry of this city. It establishes a proper medium between all branches of the building business, and while the associate membership of the General Contractors' Association has no vote in electing the Directors of the body, they are nevertheless represented and affiliated with the general contractor through this Building Trades Employers' Association. Experience in the past has proven that an organization where every man representing all lines of the building industry has a vote, and which only holds an annual and semi-annual meeting, can accomplish little beyond the management of a general headquarters; and the Builders' Exchange has, therefore, proven somewhat of a failure in properly representing the building industry of this city.

With the present excellent business management of the General Contractors' Association, the strong lines on which it is organized and the magnificent new headquarters which it occupies, there is no reason why every builder, specialty contractor and material man should not belong, and we may reasonably look forward to a period of prosperity unexcelled by any association or organization of builders in the United States. The fact that the assets of the Association have grown from \$3,500 on April 6, 1911, to the substantial sum of over \$93,000 on March 1, 1913, is in itself a guarantee to the public that this is a responsible body, properly financed, and one which can do much to place the great building industry of San Francisco on a footing with other organizations of merchants, etc.

The building industry is today the greatest industry in San Francisco, gives employment to more men than any other industry, is the most important factor in the rebuilding of the city, and yet, in the past, the commercial bodies of this city have never given it the consideration to which these engaged in it are entitled. It is the object of this Association to elevate the building business and place it on a higher moral and financial plane than heretofore to establish the builder as a responsible man of business and to further his interests at any and all times.

THE ATTORNEYS FOR THE ASSOCIATION.

A few words about Messrs. Aitkin & Aitkin, the attorneys for the Association, are not amiss at this time.

When it was proposed to incorporate the General Contractors' Association, Messrs. Aitken & Aitken, being the attorneys for several other large organizations in this city and having a very extensive experience on the building laws of the State, were selected as the firm best qualified to act as attorneys for the Association. The careful manner in which the by-laws of the organization were drawn up by them has been one of the reasons of its enjoying so great a success. Their legal advice on the various important legal questions which have come before the Association since its incorporation has proven of the best, and has kept the Association from becoming involved in any legal difficulties.

San Francisco's Building Activities, To-day, Tomorrow and Yesterday --- A Brief Review With Illustrations.

That the building business, together with its kindred lines, is an important factor in San Francisco's industrial life has long been a recognized fact by all well informed people, but just how important a part this line of industry has played in the city's prosperity during the past ten years can best be shown by the following table of building totals as compiled from the files of the Daily Pacific

all kinds in the City and County of San Francisco by the above mentioned sources can be but roughly approximated. From such records of the period as are available at this time, and which are confined to the records of the Federal Government, the City and County and the State, however, it is safe to say, that at least two hundred million dollars more found its way into the various channels of commerce



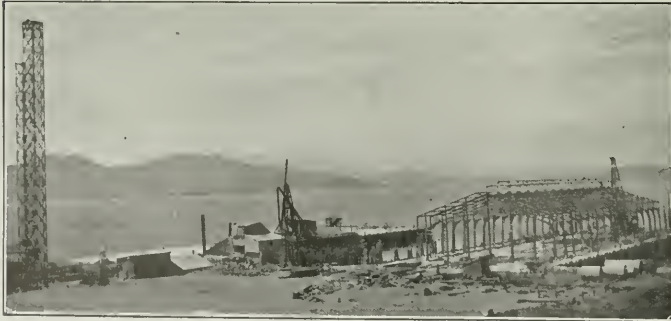
INFANTRY TERRACE AT THE PRESIDIO

Builder:

1903	\$14,984,514
1904	16,916,118
1905	20,111,861
1906	39,254,467
1907	50,496,499
1908	35,128,651
1909	30,411,196
1910	22,873,942
1911	24,431,268
1912	26,179,116
Total for ten years.....	\$280,787,632

and labor through this source.

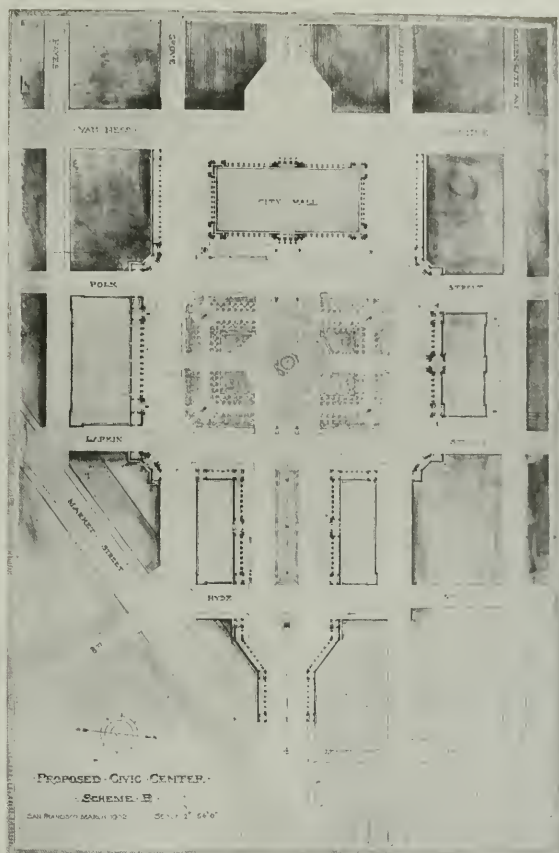
No kindred line of industry so affects the commercial life and general prosperity of San Francisco as does the building business; a like amount of money sent through any other of the commercial channels during the same period of time would have contributed far less to the general prosperity of the community. This is due to the fact that an exceptionally large per cent of the total of each construction enterprise is paid for labor and almost at once finds its way into the hands of the city's merchants. During the years of reconstruction following the great fire and dating from 1906 to 1909, years when San Fran-



NEW ARMY TRANSPORT DOCKS

A grand total of \$28,787,632 spent in actual construction by private capita' alone in the city and county of San Francisco during a period of ten years. These figures do not include any of the enormous construction projects carried out during this period by the United States Government, the State of California, the Municipality or the many private corporations which do not file their building contracts with the County Recorder. No authentic records of such work have been kept during this period, and the total amount of money expended on construction of

cisco's building totals ran from thirty million dollars and over to fifty million dollars and over, this fact was so thoroughly demonstrated that the city was said to be "living off of the building trades." A decline of about eight million dollars in the year 1910 had a marked effect, which was noticeable in all lines of business. Since the year 1910 each year has recorded a gain over its predecessor of two million dollars. At the close of 1912 the year's work showed a total of \$26,179,116, and all lines of business reported a prosperous year as a consequence.



CIVIC CENTER PLAN



UNITED STATES SUBTREASURY



MASONIC TEMPLE, DESIGNED BY BLISS & FAVILLE

To look backward ten years is not a hard task and one that can be accomplished by nearly everybody in the building business in San Francisco, but to compile a record of San Francisco's building activities during that period is well nigh impossible, even a general survey of the subject proves difficult. Records above quoted show the extent of private endeavor and in a most casual way an effort will be made to show the enormity of the work undertaken by the Government, State and City.

Under the direction of the various State Boards of Harbor Commissioners during this period San Francisco's water front as it stands today has been built. The city now has a total of thirty-five substantial piers, nearly all constructed of reinforced concrete and each represent-

but a fraction of the part taken by the State of California in the upbuilding of San Francisco.

The Constructing Quartermaster's Department at Fort Mason has played a silent but very important part in the Building Drama of the past ten years. During the greater part of that time this branch of the War Department has been in charge of Lt. Col George McK. Williamson, under whose direction has been accomplished such undertakings as the construction of the new Transport Docks at Fort Mason, the installation of central lighting and heating systems in the Presidio, Fort Winfield Scott and Fort Baker. The Presidio of San Francisco has been practically rebuilt during this period, while the present post known as Fort Winfield Scott is an entirely new creation

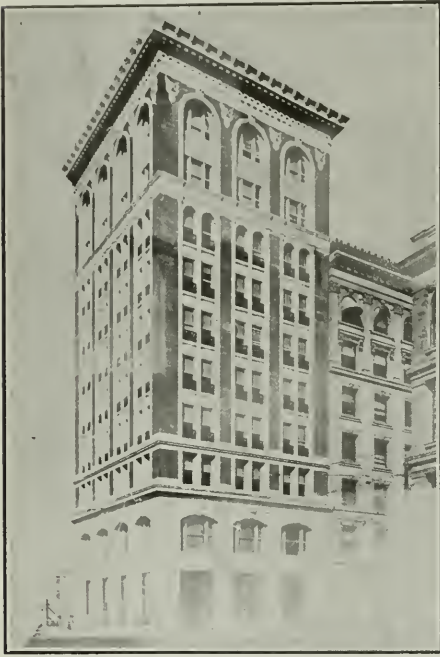


6132. STANDARD OIL BLDG., DESIGNED BY BENJ. J. MC DOUGALL

ing a cost of a half million dollars, in actual operation. Besides these there are eight ferry slips and other dockage facilities. Under the administration of the present State Board of Harbor Commissioners, one of the most efficient bodies, in spite of the adverse criticism of the daily press, contracts have been awarded for the construction of four more substantial piers, the cost of which will total nearly two million dollars. During the period above mentioned the Belt Line Railroad has been constructed and thousands of feet of sea wall have been completed. Such work as noted, while the most important, represents

as far as buildings and equipment are concerned. The Presidio, including Fort Winfield Scott, is considered one of the most modern military posts in the United States. A view of "Infantry Terrace," one of the most unique features of the reservation is shown, in which can be seen a number of the representative new buildings. The construction of the Letterman General Hospital, Commissary warehouses, Quartermaster stables, numerous officers' quarters, modern barracks, miles of road work and sanitary sewers are among the most important of the achievements which stand to the credit of the Constructing Quar-

terminator's Department. Of the work of the various other departments of the Government undertaken in this city much might be said but space forbids. The New Customs House is regarded as a masterpiece of construction and a work of architectural beauty. Since the opening of the new year a contract has been let for the construction of the Subtreasury building which will add another splendid architectural feature to the city.



NEWHALL BLDG. LEWIS P. HOBART

When the City and County of San Francisco came to appraise its loss by fire and earthquake it found little of the former city's holdings in tact, and such of its buildings as did escape complete destruction were of comparatively small value and located in outlying districts. Confronted with a problem of how best to set about building a new city San Francisco started within a few months after the disaster by organizing a Municipal Department of Engineering and Architecture, both of which were placed under the direction of the Board of Public Works. It has been through this department that all important municipal work has been carried on. The work has been enormous and has embraced problems in every known field of engineering and architecture and has called forth the best efforts of many experts. The vast majority of the work has been well done and stands as monuments to those who planned and directed it. Some mistakes have been made of course, but as a whole the municipal construction in San Francisco compares most favorably with that in any other city of the world. Some of the most important features of this work includes such undertakings as the construction of a practically new system of sanitary and storm water sewers, reconstruction of nearly all street work and sidewalks. The enormity of such a task in a city the size of San Francisco can easily be appre-

iated. Perhaps the construction of the high-pressure salt water fire protection system which has extended over the years since 1906, stands as the greatest of the many accomplishments of the Engineering Department. No other city has a system of such magnitude. It embraces miles of special pipe, two pumping plants, the Twin Peaks' Reservoir and hundreds of smaller reservoirs under the intersection of the principal streets. No section of the city has been neglected, and several recent experiences in different parts of the city have proven the worth of the system. A municipal railroad became a reality with the completion of the Geary street line, and plans are now being prepared for extensive additions to the system, which will aid in carrying the people to the Exposition grounds in 1915. Foremost of these extensions is the proposed Van Ness Avenue line. Many other vast undertakings might be placed to the credit of the Engineering Department of the city during the past few years, but many are too well known to the people to need mention.

Under the direction of the Board of Public Works the Department of Architecture has designed new buildings for nearly every school in the city. The San Francisco



ALASKA-COMMERCIAL BLDG. WARD & BLOHME

Hospital nearly completed, is one of the largest and most modern institutions of its kind in the United States. A new Class A Hall of Justice has been completed and a City and County Jail, besides extensive work at the Relief Home Tract and in various other parts of the city. Under this department has been developed a Civic Center scheme costing eight millions and which will be undertaken at once. Plans of Architects Bakewell & Brown for the four



DAVID HEWES BLDG. REID BROS.



THIRD & TOWNSEND DEPOT

and a half million dollar City Hall are nearing completion, and contracts will be let shortly. In the same connection may be mentioned the approval of plans for the Municipal Auditorium which is to occupy a site in the Civic Center.

Of the wealth of private construction undertaken or projected the following which are illustrated here are distinctly representative. The Masonic Temple, designed by Architects Bliss & Fayille, and now nearing completion at the corner of Van Ness avenue and Oak street, cost in the neighborhood of a million dollars and is one of the most beautiful structures in the city. In the rear of this building and facing Oak street the Young Men's Institute will shortly start construction on a \$150,000 building devoted to the purposes of the organization. Plans for this work are being prepared in the offices of Architect of Will D. Shea.

Many new commercial structures have appeared in the business district of which the new ten-story office building now being erected at the northwest corner of Bush and Sansome streets for the Standard Oil Company is typical. This building, designed by Architect Benj. G. McDougall is of the Class A type, and when completed will cost nearly \$500,000. The structure is fireproof and will be occupied by the owners, associated companies and offices. Another ten story office building is to be erected by Leibes and Meyers at the gore of Market and Sutter streets, contracts for which have been let in the offices of Architects Havens & Toepke, while property in the same neighborhood, at the corner of Market and Ecker streets has recently been improved with a four-story Class A commercial building by the Crocker Estate, Lewis P. Hobart, Architect. Further down into the financial district stands the Newhall building, a ten-story office structure designed by Architect Lewis P. Hobart. The Alaska Commercial Building, near the Newhall, is a somewhat older, but very well known commercial building which was designed by Architects Meyers & Ward. Further up Market street at Sixth, and at the present time marking the outskirts of the office building district stands the David Hewes Building, a fourteen-story structure designed by Architects Reid Bros. The Grant Building, one block further up Market street, is the last

of the office buildings on upper Market street.

Whatever the final outcome of the Southern Pacific Co.'s location of a main passenger depot will be it is certain that but a few months will lapse before construction is undertaken on a new terminal at Third and Townsend streets. This work will include a decided change in the company's trackage, the addition of several more tracks and the removal of the present freight houses to



PACIFIC UNION CLUB, WILLIS POLK

a point further from Third street. The new depot is to be in the California Mission style, the building alone costing in the neighborhood of \$100,000.

No city in the west has finer private clubs than has San Francisco, and many of these buildings have been erected within a few years. The new home of the Pacific Union Club, occupying the crest of Nob Hill, is considered one of the city's finest pieces of architecture. The building was designed by Architect Willis Polk. The site commands a wonderful view of the entire city, bay and the Alameda and Marin County shores. The building is constructed of brown stone and the interior is finished



BOHEMIAN CLUB, LORING P. RIXFORD

in the most artistic manner. The Bohemian Club, located at the northeast corner of Post and Taylor streets, is a three-story and basement Class A building, designed by Architect Loring P. Rixford.

A new home is being erected for the London-Liverpool and Globe Insurance Company in the heart of the financial district on California street, which will cost between \$150,000 and \$200,000. Bliss & Faville are the architects, and have selected a classic design for the structure. The building will be practically a two-story structure with a complete steel frame and exterior walls of marble and granite. During the passed two years many of San Francisco's leading banks and financial houses have constructed new buildings, mostly of the monumental type, and have added greatly to the beauty of the city's architecture.

Hale Brothers' new department store at the southwest corner of Fifth and Market streets, typical of this type of building in San Francisco, is a splendid six-story Class A structure designed by Reid Bros.

The following report of the contracts so far entered into by the Panama-Pacific International Exposition Co. for work on the Exposition grounds shows better than anything else can how that interesting undertaking is progressing:

Reclamation of Harbor View lands and Presidio completed. More than 1,500,000 cubic yards of bay sediment used.

Construction of sea-wall completed along waterfront of the grounds.

About 90 per cent, or two miles of site fenced.

Service building, first Exposition structure, completed and occupied.

The greenhouses and potting houses for Exposition shrubbery and plants completed.

Asphalt roadway through Fort Mason reservation built.

Four oil tanks have been removed, besides scores of smaller structures.

Gas retort house removed.

North service sewers, 3,000 feet long, completed.

Sanitary and storm sewers, forty miles long, in foreign and state pavilion sections, under construction.

Service sewers in foreign pavillon site 3,000 feet long, 95 per cent completed.

South Garden sewers 95 per cent completed.

Wharves and bulkhead nearly half completed.

Contract let for ten miles of high pressure water lines for fire protection.



LONDON-LIVERPOOL & GLOBE INSURANCE BLDG.
BLISS & FAVILLE

Contract let for service water system.

Rich loam from Sacramento Valley—5,000 cubic yards—unloaded on the grounds, for shrubbery and plants.

Contract awarded for erection of ferry slips, hydraulic plant and steel apron.

Contract awarded for grading for Machinery Hall and its construction.

Contract let for construction of sewers in main roadway of concession district.

Construction of sunken gardens more than half completed.



HALE BROS NEW BLDG. REID BROS.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame and concrete, \$15,000. Architect, Sidney R. Newsom. Nevada Bank Bldg., S. F. Owner, E. Rohndt, 550 Montgomery St., S. F. The building will be erected at the northwest corner of Union and Jones streets and will cover an area of 15x137½ feet. There will be a total of 30 apartments, arranged in two and three room suites with private baths and wall beds. Besides the suites the building will contain a large social room and dance hall and a large roof garden. Interior finish will be of pine, redwood and hardwoods. Bath rooms will be finished in tile and will have composition floors. There will be steam heat, an automatic elevator and vacuum cleaning system. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$17,000. Architect, C. M. Cook, Rialto Bldg., S. F. Owner, Mr. Bender. The building will be arranged for 12 three-room suites with baths and wall beds. Interior will be finished in pine with some elm panels. There will be a central heating system. Entrance vestibule will be finished in tile and marble. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures have been taken. A contract will be awarded within a day or two.

SAN FRANCISCO—Apartment house, 10 story and base. Class A construction. Cost not stated. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owners, Hug Estate. The building will be erected at the southwest corner of Stockton and Bush streets. Plans are being prepared for a high-class structure which will be arranged for both apartments and single rooms. All modern conveniences will be installed, including wall beds, elevator service, a vacuum cleaning system and steam heat. Interior will be finished in pine, redwood and hardwoods. Bath rooms will be wainscoted with tile and will have composition floors. Suites will consist of two, three and four rooms each. All single rooms will have connecting bath. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will have a frontage of 30 feet and a depth of 68 feet. Interior will be arranged for six apartments of three rooms each. Interior finish will be of pine and redwood with some oak floors. Furnace heat will be installed. All suites will have wall beds and connecting baths. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 6 story and base, reinforced concrete,

Cost not stated. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, C. F. Bernard. The building will be erected on Gough street between Pace and Lily alley. The structure has been arranged for a number of two and three room suites with private bath rooms and wall beds. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. Plans include steam heat, elevator service and a vacuum cleaning system. Entrance will be finished in tile and marble. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, concrete and frame, \$60,000. Architect, none. Owner, Dr. G. W. Caldwell, 2143 Harrison Blvd., Oakland. The building will cover a considerable ground area and will be arranged for two and three room suites. All suites will be equipped with wall beds and will have connecting baths. There will be steam heat, vacuum cleaning and other modern improvements. Interior finish will be of pine, redwood and hardwoods. Bath rooms will have composition floors. Entrance lobby and reception room will be finished in tile and marble. The exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner and he will let all contracts.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$27,000. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, John Spellman. The building will be erected at the corner of 25th and Telegraph avenue. The building will be 48x112 feet and will be arranged to contain 54 apartments of two and three rooms each. All suites will have private bath rooms and wall beds. Interior will be finished in pine, redwood and some hardwood veneer. Oak floors will be used in the principal rooms. Steam heat and a hot water plant are specified. Bath rooms will be finished in tile and will have composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans for the building are being prepared.

SAN FRANCISCO—Apartment house alterations and additions, 3 story, frame. Cost not stated. Architect, William H. Grimm, Jr., 425 Kearny St., S. F. Owner, Wesley Hohfeld. An addition of three stories will be built adjoining the present building and the interior of the old structure will undergo extensive alterations. Work will include new plumbing, plastering, electric work and painting. Interior finish in the new portion will be of pine and redwood. The exterior of the building will be covered with shiplap and rustic. Plans have been completed and figures are now being taken by the architect.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owner, J. Pattinson, 2060 Fell St., S. F. The building will be erected on Parnassus avenue, having a frontage of 80 feet and a depth of 30 feet. Interior will be ar-

ranged for four four-room suites on the upper two floors and a larger apartment on the first floor. Interior finish will be of pine and redwood. Furnace heat will be installed. There will be wall beds and private baths with each apartment. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared by the owner and when complete the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 8 story and base, brick and steel, \$55,000. Architects, Phillip Schwerdt & Co., Phelan Bldg., S. F. Owners, Benj. and H. Hersch. The building will be erected at the northwest corner of Post and Taylor streets, and will contain in the neighborhood of 66 rooms and baths. A part of the building will be arranged for small apartments and the balance for a commercial hotel. Plans include steam heat, a hot water plant, wall beds and vacuum cleaning system. Interior finish will be of pine and hardwood. Elevator service will also be included. The exterior of the structure will be faced with tapestry brick and terra cotta. Plans are being prepared and the excavation has been started.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$17,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, William Mann. The building, which is to be erected at the southeast corner of 5th avenue and East 14th street, will contain a total of 50 rooms, which are to be arranged in two and three room suites. All suites will have private baths and wall beds. Interior finish will be of pine and redwood with some hardwood. There will be a central heating system and a hot water plant. Tile and marble will be used in the entrance and reception room. Bath rooms will have composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, Rhodes & Marish, 3372 16th St., S. F. Owner's name withheld. The building has been arranged for twelve apartments of two and three rooms each. There will be private baths and wall beds. Interior finish will be of pine and redwood with some elm panels. Apartments will have gas grates or open fire places. Tile will be used in the baths. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$11,000. Architects, Rhodes and Marish, 3372 16th St., S. F. Owner, C. F. Hornung. The building will be erected at the southwest corner of 16th and Dehon streets, and will cover an area of 35x50 feet. The first floor will be arranged for stores and the two upper floors for ten apartments of two and three rooms each. All suites will have connecting baths and wall beds. Interior finish will be of pine, redwood and some elm panels. Stores will be finished in pine with plate glass display windows. Rector vacuum gas radiators will be installed. The exterior will be covered with brick veneer and cement plaster on metal lath. Plans are nearly complete and will shortly be out for figures.

SAN FRANCISCO—Apartment house

1 story and base, brick and steel, \$40,000. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Mr. Wool. The building will be erected on Sutter street near Hyde, and will contain a number of well arranged two and three room suites with baths and wall beds. Interior will be finished in pine and hardwoods. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The work has been mentioned in these columns before. Plans have been out for figures, but have been revised to some extent and will be refigured within a few weeks.

LOS ANGELES, CAL. — Apartment house, 3 story and base, brick. Cost not stated. Architect, George M. Easton, Los Angeles Investment Bldg., L. A. Owner, Oscar Wilson. The building will cover an area of 51x108 feet, and will contain 49 rooms arranged in 20 suites with baths and wall beds. Interior finish will be of pine and redwood with some hardwood floors. There will be steam heat, vacuum cleaning and a hot water system. The exterior of the building will be faced with pressed brick. Metal window sash and frame are specified. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, W. W. Middlecoff. The building, which is to be erected on an inside lot, will be arranged for 90 rooms divided into two and three room suites. There will be wall beds, private baths and steam heat. Interior finish will be of pine throughout. Plans also include a vacuum cleaning system, elevator service and metal window sash and frames. The exterior of the structure will be faced with pressed brick. Plans are complete and figures are now being taken by the architects.

LOS ANGELES, CAL. — Apartment house, 3 story and base. Class C construction. Cost not stated. Architects, Ye Planny Building Co., Title Insurance Bldg., L. A. Owner, Dr. E. C. Manning. The building will contain 75 rooms, which are to be arranged in two and three room suites with wall beds and private baths. There will be steam heat, elevator service, a hot water system and a vacuum cleaning plant. Interior finish will be of pine, redwood and some hardwood. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL. — Apartment house, 4 story and base. Class C construction. Cost not stated. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner, M. E. Balister. The building will have a street frontage of 55 feet and a depth of 171 feet, and will contain 116 rooms arranged in two and three room suites. There will be wall beds and private bath rooms for each of the apartments. The interiors will be finished in hardwood and pine. Besides the suites the building will contain a large lobby, amusement room and laundry. There will be steam heat, elevator service, a vacuum cleaning plant and dumb waiters. Entrance will be finished in marble and tile. Tile will also be used in the bath rooms. The exterior of the building

will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL. — Apartment house, 4 story and base. Class A construction. Cost not stated. Architect, J. E. Borgmeyer, Stinson Bldg., L. A. Owner, Julius R. Smith. The building will cover an area of 50x150 feet and will contain 100 rooms arranged in two and three room suites with private baths and wall beds. There will also be a large amusement room, parlors, lobby and playroom. Plans include steam heat, elevator service, a vacuum cleaning system, dumb waiters and a hot water plant. Interior finish will be of pine and hardwoods. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick and terra cotta. A complete steel frame will be used. Plans are being prepared.

PORTLAND, ORE. — Apartment house, 4 story and base, brick and steel, \$100,000. Architects, Clausen & Clausen, Portland. Owner, Dr. W. L. Wood. The building is to be erected on a corner lot and will cover an area of 100 feet square. Suites will be arranged in two and three rooms each with wall beds and private baths. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service and a vacuum cleaning system. Tile and composition floors will be used in the bath rooms. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

Contracts Awarded.

STOCKTON, SAN JOAQUIN CO., CAL. Apartment house, 4 story and base, brick and steel, \$65,000. Architect, Glenn Allen, Phelan Bldg., S. F. Owners, Home Builders' Security and Investment Co. The following contracts have been awarded on this building by Architect Allen:

Brick work awarded to A. W. Cowell, Stockton, for \$12,125.

Structural steel awarded to Ralston Iron Works, San Francisco, for \$5,284.

Ornamental iron work awarded to Valley Iron Works, Stockton, \$1,200.

Ornamental cement work awarded to O. F. Larsen, San Francisco, for \$450.

Mill, cabinet work, stairs, glass awarded to Cotton & Brandt, Stockton, for \$12,398.

Marble and tile awarded to H. P. Fischer Marble and Tile Co., Stockton, for \$343.

Plumbing, heating and sheet metal work awarded to Edw. L. Gnekow, Stockton, for \$14,322.

Electric work awarded to the Electric and Machinery Equipment Co. for \$2,280.

BANKS.

GREENVILLE, PLUMAS CO., CAL. — Bank, 1 story and base, reinforced concrete. Cost not stated. Architect, J. B. Ogborn, Richmond. Owners, Indian Valley Bank. This building has been mentioned here before when plans were first completed. The structure will be a fireproof building designed in the classic style. Banking quarters will be finished in hardwoods, ornamental plaster and tile. There will be coin and safety deposit vaults. A central heating system is to be installed. Besides the public room,

work space and vault room, plans provide for a private office and directors' room. The exterior of the building will be faced with cement plaster. Plans are complete and may be obtained from the architect. Bids will be opened on March 31st.

OAKLAND, CAL. — Bank and offices, 11 story and base. Class A construction, \$300,000. Architect, L. B. Dutton, Chronicle Bldg., S. F. Owners, First Trust and Savings Bank. This institution has just announced the selection of an architect to prepare plans for the new building which is to be erected at the corner of 16th and San Pablo avenue. The entire first floor of the building will be occupied by the bank. Upper floors will be subdivided into a large number of modern offices. Plans include steam heat, elevator service, mail chutes and a vacuum cleaning system. There will be hollow tile interior partitions, concrete floors and metal window frames and sash. A complete steel frame will be erected. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared and the work will be started as soon as specifications and plans can be completed.

FACTORIES & WAREHOUSES.

OAKLAND, CAL. — Cold storage warehouse, 2 story and base, reinforced concrete, \$60,000. Architect's name not given. Owners, Pacific Coast Canning Co., 12th and Pine streets, Oakland. This building will be erected in the west line of Pine street between 11th and 12th streets. Construction will be of reinforced concrete throughout, including walls, floors and roof. A large amount of special machinery will be ordered. Plans call for considerable structural steel. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are in the hands of the owners and the work will be done by Day Labor.

LOS ANGELES, CAL. — Warehouse, 5 story and base, reinforced concrete. Cost not stated. Architect, Supervisor Daum, of the City Board of Education, L. A. Owners, City of Los Angeles. The building is to be located on San Pedro street, and will cover a considerable ground area. Construction will be fireproof throughout. Metal window sash and frames will be specified. There will be elevator service and modern plumbing. Floors will be of concrete. Interior finish is to be of metal and pine. An automatic sprinkler system will be installed. The exterior of the building will be faced with cement plaster. Plans are being prepared and official bids will be advertised for within a few weeks.

FRESNO, FRESNO CO., CAL. — Warehouse, 2 story and base, brick and concrete. Cost not stated. Architects, Austin & Pennell, Wright and Candler Bldg., L. A. Owners, Stewart Fruit Co., Fresno. The building will cover an area of 69x125 feet. Construction will call for concrete foundation, concrete floors and brick exterior walls, faced with cement plaster. There will be metal window frames and sash. An automatic sprinkler system will be installed. No interior finish will be specified. Plans are nearly complete and figures will be called for shortly.

FIRE HOUSES AND JAILS.

Contracts Awarded.

VICTORIA, B. C.—Jail, 2 story and base, reinforced concrete, \$223,465. Architect, W. Ridgeway Wilson, Victoria. Owners, City of Victoria. Contractors, British Columbia Construction and Engineering Co., Victoria. Contract price, \$223,465.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, A. Harrington, 5th and Judah Sts., S. F. The building will be erected on 17th street west of Bolvedere, and will have a street frontage of 25 feet and a depth of 60 feet. There will be three modern five and six room flats. Interior trim will be of pine, redwood and hardwood. Oak floors will be used in several of the rooms. There will be either gas grates or open fire places. Mantels will be of tile or tile or brick. The exterior of the building will be covered with rustic and cement plaster on metal lath. Tile will be used in the bath rooms and kitchens. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, W. G. Voddien, 1055 Cole St., S. F. Owner, Thomas Voddien. The building will be erected on 18th avenue and has been designed to contain two modern flats of five and six rooms each. The interiors will be finished in pine, redwood and hardwood. Oak floors will be used in the principal rooms. There will be open fire places and brick mantels. Tile will be used in the baths and kitchens. The exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$3,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, B. Saqueira. There will be one store on the first floor of the building and two modern four-room flats on the upper floor. Interior trim will be of pine and redwood. Some oak floors will be used. Tile will be used in the bath rooms. The exterior of the building will be covered with rustic. Plans are complete and figures are now being taken by the architect.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, Julia A. Brown, 1580 Jackson St., S. F. The building will cover an area of 25x40 feet. There will be two flats of five and six rooms each with bath. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms. The exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, Charles Katz, 1200 Dolores St., S. F. Plans for raising the present building and constructing two stores under the same are complete. The upper floors will also undergo extensive alteration. The new work will include plumbing, electric work, plastering, painting and mill work. Inter-

rior finish will be of pine and redwood. There will be open fire places and brick mantels. Plate glass will be used in the store fronts. The exterior of the new portion of the building will be covered with shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, M. Mattonovich, Davig Howes Bldg., S. F. Owner, F. Radmanovic. The building will cover an area of 25x55 feet, and will be erected on Leland street near Alpha. Interior finish will be of pine throughout. There will be two flats of five and six rooms each. Open fire places and brick mantels will be used. Baths and kitchens will have tile wainscot. Oak floors will be used in the principal rooms. The exterior of the building will be covered with rustic. Plans for the work are being prepared.

OAKLAND, CAL.—Flat, 2 story and base, frame, \$9,000. Architect, Phillip Schwerdt, Phelan Bldg., S. F. Owner, Fred Hennings. The building will be erected at the corner of 6th and Aileen streets, and in addition to the flats will contain a garage. Plans provide for thirteen rooms, baths and sleeping porches. Each flat will consist of four or five rooms. Interior will be finished in pine, redwood and hardwood. Oak floors will be used in some rooms. A central heating system will be installed. There will be open fire places and brick mantels. Tile will be used in the bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Hydraulic Apparatus, Milk River Project.

The followings bids were opened January 22 at the office of the U. S. Reclamation Service, Los Angeles, Cal., for hydraulic apparatus, St. Marys Storage Unit, Milk River Project, Mont.:

C. C. Moore & Co., Los Angeles, Cal., item 1, \$6,010, Dayton, Ohio, 60 days; 2, \$541, Indian Orchard, Mass, 60 days; 3, \$1,710, Dayton, Ohio, 60 days; 4, \$12. S. Morgan Smith, York, Pa., item 1, \$7,800, York, Pa.; 2, \$485, York, \$100 days; 3, \$2,050, Lombard, or \$1,500, Woodward, York, 100 days; 4, \$12. Joshua Hendy Iron Works, San Francisco, Cal., item 1, \$3,550, Sunnyvale, Cal., 90 days; 2, \$800, Sunnyvale, 60 days; 3, \$1,430, Sunnyvale, 90 days; 4, \$12.

Trump Mfg. Co., Springfield, O., item 1, \$10,715, Springfield, Ohio, 90 days; 2, \$500, Springfield, 60 days; 3, \$1,710, Springfield, 75 days; 4, \$13.

Pelton Water Wheel Co., San Francisco, Cal., combination bid A. f. o. b. Harrisburg, Pa., \$8,030, 75 days; 4, \$13.50.

Electrical Apparatus, Milk River Project.

The followings bids were opened January 22 at the office of the U. S. Reclamation Service, Los Angeles, Cal., for electrical apparatus, St. Marys Storage Unit Power Plant, Milk River Project, Mont.:

Allis-Chalmers Co., Los Angeles, Cal., item 1, \$5,800, delivery West Allis, Wis., 90 days; 2, \$3,180, Norwood, Ohio,

110 days; 3, \$1,975, West Allis, 90 days; 4, \$175, West Allis, 90 days.

Central Electric Co., Schenectady, N. Y., item 1, \$5,819, Schenectady, 90 days; 2, \$3,960, Pittsfield, Mass., 90 days; 3, \$2,515, Schenectady, 50 days; 4, \$140, Pittsfield, 50 days.

Westinghouse Electric & Mfg. Co., Los Angeles, Cal., item 1, \$6,175, East Pittsburgh, Pa., 95 days; 2, \$4,400, same delivery, 75 days; 3, \$2,066, same delivery, 85 days; 4, \$477, same delivery, 70 days.

Ridgway Dynamo & Engine Co., Ridgway, Pa., item 1, \$6,119, Ridgway, 75 days; 2, \$1,840, East Pittsburgh, 80 days; 3, \$2,272, same delivery, 90 days; 4, \$524, same delivery, 90 days.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 2, \$3,648, Pittsburgh, 90 days.

Moloney Electric Co., St. Louis, Mo., item 2, \$3,660, St. Louis, 90 to 100 days.

Wagner Electric Mfg. Co., St. Louis, Mo., item 2, \$5,202, St. Louis, 56 days.

Grand Junction, Colo., Construction, March 5.

The following firms have applied for plans and specifications of the work to be done at Grand Junction, Colorado:

M. Yeager & Son, Danville, Ill. W. H. Maxwell, Phoenix, Ariz. W. D. Lovell, Minneapolis, Minn. Campbell Building Co., Salt Lake City, Utah.

King Lumber Co., Charlottesville, Va. J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Grant Fee, 2449 16th street, San Francisco, Cal.

Wise Granite Co., Richmond, Va. Hiram Lloyd Building & Construction Co., Odd Fellows' Building, St. Louis, Mo.

George W. Stiles Construction Co., Rookery Building, Chicago, Ill. J. H. Wiese, Omaha, Neb.

Connors Bros. Co., Lowell, Mass. Dieter & Wetzel Construction Co., Wichita, Kans.

W. C. Boyer, P. O. Box 373, Grand Junction, Colo.

J. S. Lumsden, P. O. Box 57, Grand Junction, Colo.

Inter-State Construction Co., Saginaw, Mich.

Shallenberger Construction Co., Tulsa, Okla.

Morrison Contracting & Mfg. Co., Cooper Building, Denver, Colo.

Pueblo-Bonito Indian School.

The following bids were received February 12 by the Commissioner of Indian Affairs, Washington, D. C., for the erection of a brick school house at the Pueblo-Bonito Indian School, N. Mex.:

W. G. Wilson, Gallup, N. Mex., \$10,976; for omitting finished flooring and substituting maple or other hard wood, add \$110; for omitting stone foundation walls and substituting concrete, deduct \$200.

Thomas W. Hall, Farmington, N. Mex., \$10,200; for omitting finished flooring and substituting maple, \$10,300; for omitting stone foundation walls and substituting concrete, \$10,823.

Wm. Bruce, San Francisco, Cal., \$13,900; for omitting finished flooring and substituting maple, add \$175; for omitting stone foundation walls and substituting concrete, add \$1,700.

W. D. Lovell, Minneapolis, Minn., \$9,500; for omitting finished flooring and

substituting maple, add \$150; for omitting stone foundation walls and substituting concrete, add \$500.
Lyon & Axtell, Pueblo, Colo., \$11,21.98; for omitting finished flooring and substituting maple, add \$117, for omitting stone foundation walls and substituting concrete, \$375.

Gear Wheels, Etc.

The following bid for furnishing gear wheels, etc., was received by the light house inspection, 19th district, Honolulu H. T., Dec. 16, 1912:
De Laval Steam Turbine Co., \$213.60; accepted.

Canal Requisitions.

Bids will be called for at an early date by the general purchasing officer, Isthmian Canal Commission, Washington, D. C., for furnishing 70,000 lineal feet tile square, 3 1/2-inch single duct.

Steel Bridges.

The contract has been awarded to the U. S. Steel Products Co., of New York city, under bids opened January 11 for steel bridges to be constructed in the Philippines. The award was made on the second item only, which calls for fabricated steel and field rivets for seven 160-foot spans for Lacang bridge.

Lumber for Manila.

A contract amounting to \$88,637.69 has been awarded to the Balfour Guthrie Trust Co., of Portland, Oreg., for furnishing 3,317,737 feet of lumber for the Philippines under bids opened January 20 by the quartermaster at Seattle, Wash., divided as follows:
For Lumber, \$47,227.69; for freight to C. F. Manila, \$41,410.

Reclamation Service, Cement.

No action has as yet been taken by the reclamation service in regard to purchasing 210,000 barrels of Portland cement, bids for which were opened on January 6.

Hydraulic Apparatus.

The reclamation service has not yet taken any action on bids received January 22 for furnishing hydraulic apparatus for use in connection with the St. Marys storage unit, Milk River project, Montana.

Lander, Wyo., Shelving.

Bids for installing metal vault shelving in the U. S. post office at Lander, Wyo., were received February 3 at the office of the supervising architect, Treasury Department, Washington, D. C., as follows:

Crown Metal Construction Co., Jamestown, N. Y., \$267.
Art Metal Construction Co., Jamestown, N. Y., \$284.
Watson Mfg. Co., Jamestown, N. Y., \$318.
Canton Art Metal Co., Canton, Ohio, \$348.50.
Berger Mfg. Co., Canton, Ohio, \$373.
Steel Fixture Mfg. Co., Topeka, Kans., \$450.
Van Dorn Iron Works, Cleveland, Ohio, \$538.

Puget Sound, Grading.

Bids were received February 8 at the bureau of yards and docks, Navy Department, Washington, D. C., for grading at the navy yard, Puget Sound, Wash.:

Item 1, net price for work, complete,

in accordance with plans and specifications; 2, net price per cubic yard for material excavated from the high bank on the east or the northeast corner of the grounds and deposited on the westerly line of the fill.

Andrew Peterson, 321 Pioneer Building, Seattle, Wash., item 1, \$7,000; 2, 27 1/2 cubic yard.

S. E. Haisden, 6528 Woodlawn avenue, Seattle, Wash., item 1, \$7,280; 2, 27.50.

Eckerson Construction Co., 25 Downs Building, Seattle, Wash., item 1, \$8,500.

E. A. McDonald, Charleston, Wash., item 1, 27 1/2 cubic yard.

Agassiz & Hadley, 1172 1st avenue, South Seattle, Wash., item 1, \$5,980; 2, 27 1/2.

Rufus Buck, 821 17th street, Seattle, Wash., item 1, \$8,490; 2, 100.

Stonne Bros., 1717 Belmont avenue, Seattle, Wash., item 1, \$7,280; 2, 28 1/2.

V. & D. Pending Projects.

The following projects, bids for which were opened on dates indicated below, are pending in the office of the supervising architect:

Jan. 4, railway and highway bridge at the navy yard, Portsmouth, N. H.

Feb. 8, 1 1/2-ton locomotive crane for delivery at the navy yard, New York.

Feb. 8, grading at Puget Sound.

Port Townsend, Wash., Floor.

The contract for laying a new maple floor in workroom of the U. S. post office at Port Townsend, Wash., has been awarded to Hensler & Purlong at \$692.50.

Pending Projects.

The following projects, bids for which were opened on dates indicated below are pending in the office of the supervising architect:

Billings, Mont., construction, complete, January 23.
Sioux Falls, S. D., elevator, Feb. 3.

GARAGES.

BERKELEY, ALAMEDA CO., CAL.—Garage, 1 story, brick and steel, \$5,000. Are. Hect. A. Merrill Bowser, 1007 Broadway, Oakland, Owner. F. M. Seeglin, The building has been designed for a commercial garage. Foundation will be of concrete and exterior walls of brick, faced with pressed brick. Floor will be of cement. There will be metal covered doors, metal window frames and sash. Interior finish will be of pine throughout. Plans are complete and the architect is taking segregated figures for the various parts of the work. The building will cover an area of 50x125 feet.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete, \$35,000. Architect, G. Albert Lansburgh, 705 Mission St., S. F. Owners, Hug Estate. The building will be erected on Bush street west of Mason, and is designed for a commercial garage. Construction will be fireproof throughout with concrete floors, metal window sash and frames. There will be special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Interior will be finished in pine throughout. Plans are now being prepared and bids will be called for shortly.

LOS ANGELES, CAL.—Garage, 2 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan,

Story Bldg., 1. A. Owner, J. A. Graves. The building has been designed for a commercial garage. The front portion of the building will be arranged for a sales room, floor will be of the concrete floors will be used throughout the rest of the building. Interior trim will be of hardwoods and pine. Metal window sash and frames will be used. Considerable structural steel is specified. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Separate bids are wanted for plumbing, electric wiring and elevators.

SAN FRANCISCO—Garage, 2 story and base reinforced concrete. Cost not stated. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Mrs. Edward P. Burns. This building, which has been designed for a commercial garage and store, will be erected at the northwest corner of Bush and Taylor streets. There will be three stories besides the garage. Interior finish will be of pine throughout. Stores will have plate glass windows and patent fronts. The exterior of the building will be faced with cement plaster. Plans are being prepared.

HALLS AND SOCIETY BUILDINGS.

SANTA ROSA, SONOMA CO., CAL.—City hall, 2 story and base, brick and steel, \$35,000. Architect, L. M. Turton, Napa. Owners, City of Santa Rosa. Bids for the construction of this building were opened by the City Council on February 18th. The work was segregated and no report of the lowest man has been received. All bids for the work will be found in this issue under Marin, Contra Costa and Sonoma Counties.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Municipal auditorium, 2 story, reinforced concrete, \$35,000. Architect, C. K. Kirby, Jr., Fresno. Owners, City of Fresno. Contractors, McElroy & Higgins, Fresno. Contract price, \$36,600. Two other bids were received for this work, one from B. A. Hanson, Fresno, \$41,887, and the other from Trewitt & Suldis, Hanford, for \$49,816. The contract was awarded to McElroy & Higgins.

SANTA ROSA, SONOMA CO., CAL.—City Hall, 2 story and base, brick and steel, \$40,000. Architect, L. M. Turton, Napa. Owners, City of Santa Rosa. The following contracts for this structure have been awarded by the City Council:

Gallagher & Wygant, S. F., general construction, \$24,250.

Ralston Iron Works, S. F., structural steel, \$1,253.

M. G. West Co., S. F., vault and cell work, \$2,766.75.

John G. Sutton Co., S. F., heating, \$1,770.

LOS ANGELES, CAL.—Museum building, 1 story and base, reinforced concrete. Cost not stated. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Southwest Museum. Contractors, C. J. Kubach Co., Pacific Electric Bldg., L. A. Contract price not stated. Note, This is the first of a group of buildings which has been planned by this institution and contracts for the balance of the work will follow shortly.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$130,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Mary, W. M. and Joseph Hyman. This building, which has been designed for a commercial house, will be erected at the southwest corner of Eddy and Taylor streets. The building lot covers a large area. Plans so far prepared show a total of 170 rooms, fifty per cent of which will have connecting baths. There will be steam heat, elevator service, vacuum cleaning and a hot water plant. Interior finish will be of pine, redwood and hardwoods. Some oak and ornamental plaster will be used in the office and lobby. There will be a concrete foundation, brick walls and considerable structural steel used. Plate glass and patent store fronts will also be specified. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, Sidney B. Newsum, Nevada Bank Bldg., S. F. Owner's name withheld. Preliminary plans are being prepared for a three-story commercial structure, which will shortly be erected on MacDonald avenue. There will be stores and the hotel lobby on the first floor and in the neighborhood of 60 rooms on the upper floors. The building will cover an area of 30x112 feet. Interior finish will be of pine and redwood. A central heating system and hot water plant will be installed. The exterior will probably be faced with pressed brick. Plans are still in the preliminary stage.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and concrete. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, A. W. Rhodes. The building will cover an area of 60x140 feet, and is to be arranged with stores on the first floor and in the neighborhood of 50 rooms and 25 baths on the upper floors. Interior finish will be of pine and redwood with some oak in the lobby. There will be steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architects.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, Peter W. Ehlers, Delta Bldg., L. A. Owner, Charles R. Cates. The building is to cover an area of 38x146 feet and will contain a total of 100 guest rooms. There will be public baths on each floor. Interior finish will be of pine, redwood and some hardwood. Plans include a central heating system, vacuum cleaning, elevator service and steam heat. Ornamental plaster will be used in the entrance and lobby. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel and restaurant, 5 story and base, reinforced concrete, \$22,000. Architects, Rhodes & Marish, 3372 16th St., S. F. Owner, C. F. Hornung. The building will be erected on Valencia street, the first floor being arranged for an up-to-date restaurant and upper floors for a rooming house. The building will cover an area of 30x38 feet. Interior finish will be of pine, redwood and hardwoods. There will be a central heating system,

elevators and vacuum cleaning. The exterior will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, Joseph F. Rhodes, Central Bldg., L. A. Owner, Eugene Pourrey. Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price not stated. Note: This building will contain a total of 65 rooms.

LOS ANGELES, CAL.—Hotel, 3 story and base, reinforced concrete. Cost not stated. Architect, none. Owner, William S. Hook. Contractors, Richard-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price not stated. Note: This building will contain 69 rooms and cover an area of 50x145 feet.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Constructing roads. Cost not stated. Engineer, Director of Works, P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific Exposition Co. Plans for constructing roads adjacent to the Service building at the Fair site have been completed and bids and now being called for by the Buildings and Grounds Committee. Bids will be opened on February 25th. The official proposal appears in another column of this issue.

SAN FRANCISCO—Conduit system, \$8,460. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific Exposition Co. Bids for constructing a Conduit system in the concessions district at the Fair site were opened by the Buildings and Grounds Committee, and show James O'Brien low at \$4,460. He will be awarded the contract.

RAILROAD CONST., STATIONS AND EQUIPMENT.

PRINCE RUPERT, B. C.—Passenger station, 2 story and base, reinforced concrete, \$500,000. Architect, David J. Myers, Central Bldg., Seattle. Owners, Grand Trunk Pacific R. R. Co. Under the direction of Consulting Engineer Virgil Bogue plans have been prepared for the big passenger station at the western terminus of the new transcontinental line. Construction will be of reinforced concrete throughout. Bids will be called for within a short time for this work.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$20,000. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, G. A. Bos. The dwelling will be erected in the north line of Green street east of Leavenworth, and will contain twelve rooms, several baths, laundry and a garage. Interior will be finished in pine, hardwoods and white enamel. There will be furnace heat, open fire places and brick and tile mantels. Bath rooms will be finished in tile with composition floors. An automatic water heater will be installed and a vacuum cleaning system. The exterior of the house will be covered with rustic and cement plaster on

metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$3,500 each. Architect, Joseph Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. These houses will be erected in Ingleside Terrace and each will contain seven rooms and bath. Interior finish will be of pine, redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,000. Architect, none. Owner, C. Jacobsen, 812 Hampshire St., S. F. The house has been designed for a six-room bungalow with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be open fire places and brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with shiplap and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, O. E. Evans, 2132 Mission St., S. F. Owner, James Welsh, 214 20th St. The house has been designed for a seven-room dwelling with all modern conveniences. Interior will be finished in pine and redwood with some elm panels. Floors will be of oak in the principal rooms. There will be open fire places and brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, Sidney B. Newsum, Nevada Bank Bldg., S. F. Owner's name withheld. This dwelling will be erected in the Marine View Terrace at 32nd avenue. Plans will be prepared to meet all the requirements of a modern city home. There will be in the neighborhood of ten rooms, three baths and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will probably be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, G. Dall Olmo. The house will be erected on Railroad avenue, 26¼ feet north of Quesada, and will contain eight rooms and bath. All interior finish will be either of pine or redwood. Hardwood floors will be used in four of the rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—

Residence, 2 story and base, frame, \$1,000. Architect, A. Merrill Bowser, 1007 Broadway, Oakland. Owners, Richard Waidle Co. The house will be erected in North Berkeley and will contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$1,000. Architects, Hermann Bros., Timken Bldg., San Diego. Owner, W. G. Appleton. The house has been designed for a six-room dwelling with bath and sleeping porch. All interior finish will be of pine and white enamel. There will be open fire places and brick mantels. Floors throughout will be of oak. A Niposet roof will be used. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$1,000. Architect, none. Owner, John A. Bishop, 1353 Channing Way, Berkeley. The house has been designed for an eight-room dwelling with bath. Interior will be finished in pine with hardwood floors in the principal rooms. There will be open fire places and brick or tile mantels. An automatic water heater will be installed. Tile will be used in the kitchen and bath room. The exterior of the dwelling will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, Charles C. Beynton, La Loma and Cedar Sts., Berkeley. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Harry Howard. The house has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with oak floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect,

Edward G. Bolles, 650 Market St., S. F. Owner, Mrs. Susie Noble. The dwelling will contain six rooms, sleeping porch and bath. The interior will be finished in pine throughout with hardwood floors in the living room and dining room. There will be open fire places, furnace heat and an automatic water heater. Mantels will be of brick. Tile will be used in the bath room. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Cottages, 3, 1 story and base, frame, \$2,000 each. Architect, none. Owner, E. Hiatt, 24 Brooks Ave., San Jose. These houses will be erected in various parts of the city. Each will contain five rooms and bath. All interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and tile or brick mantels. The exteriors will be covered with rustic shingles and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 1½ story and base, frame, \$3,000. Architect, L. M. Newsom, 832 Broadway, Oakland. Owner, D. Lundholm. The dwelling will contain six rooms and bath. Interior finish will be of pine and redwood throughout. There will be some hardwood floors. Open fire places and brick mantels will be used in the living and dining rooms. Tile will be used in the bath and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, C. M. Cook, Rialto Bldg., S. F. Owner, Mr. Marshall. The dwelling will contain eight rooms and bath. All interior finish will be of pine. There will be furnace heat and open fire places. Mantels will be of brick. Oak floors will be used in the principal rooms. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, H. L. Cunningham. The dwelling will contain nine rooms, baths and sleeping porch. Interior finish will be of pine, redwood and hardwoods. The plans call for a central heating system, open fire places and brick mantels. An automatic water heater will be installed. Hardwood floors will be used throughout. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Conservatory and palm houses, Class A construction, \$210,000. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owner, E. L. Delany. The following contracts for this work have been awarded: Concrete, masonry and carpenter work to James H. Jacobs & Co., granite to Bly Bros., skylights and sheet metal work to the California Cornice Works, struc-

tural steel to Llewellyn Iron Work, interior finish to Weber Sawcase and Fixture Co., marble and tile work to Joseph Wessleme.

SCHOOLS.

BURLINGAME, SAN MATEO CO., CAL.—School, 1 story and base, reinforced concrete, \$55,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Burlingame School District. Plans for a new school which is to be erected in Burlingame have just been accepted by the Board of School Trustees. There will be four class rooms. A central heating system is to be installed. Interior of the building will be finished in pine. Maple floors will be used. The exterior of the structure will be faced with cement plaster. A red clay tile roof is specified. Plans will be completed as rapidly as possible and bids will be called.

OAKLAND, CAL.—School, 2 story and base, reinforced concrete, \$66,500. Architect, J. J. Donovan, Security Bldg., Oakland. Owners, City of Oakland. Bids opened on February 17th for the construction of the Perry School show Van Sant-Houghton Co. low at \$66,468. A complete list of all figures received for this work appears in this issue under Oakland and Alameda County.

SANTA MONICA, LOS ANGELES CO., CAL.—Gymnasium building, brick, \$60,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica Polytechnic High School. This building will have concrete foundations, brick walls, faced with tapestry brick, maple floors, modern plumbing, including shower baths and a central heating system. Besides the building there will be an athletic field surrounded by a brick wall ten feet in height, with two ornamental gates of brick and stone. Plans for this work are complete and figures will be called for at once.

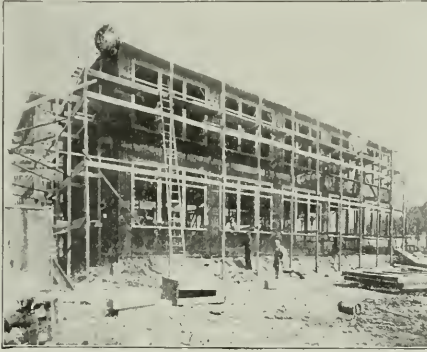
TACOMA, WASH.—School, 2 story and base, brick, \$50,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, City of Tacoma. Plans have been ordered for another two-story school building containing from eight to ten class rooms, and which will be known as the Hawthorne School. There will be a central heating system and modern plumbing. Interior will be finished in pine and hardwoods. There will be an assembly hall besides the class rooms. Exterior will probably be faced with pressed brick. The architects have started the working drawings.

STORES & OFFICE BUILDINGS

ALAMEDA, ALAMEDA CO., CAL.—Stores, 1 story, frame and corrugated iron, \$5,000. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner, P. Jorgenson. The building will be erected on Webster street and will be arranged for several stores. Interior will be finished in pine throughout. There will be plate glass display windows and patent store fronts. The street elevation will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

SAN FRANCISCO—Stores, 1 story and base, Class A construction, \$100,000. Architect, Sylvain Schnaltzacher, First National Bank Bldg., S. F. Own-

"Self-Sentering"



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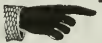
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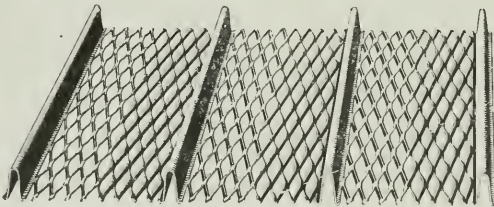
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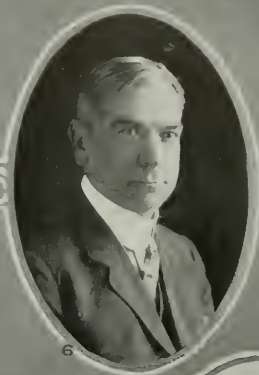


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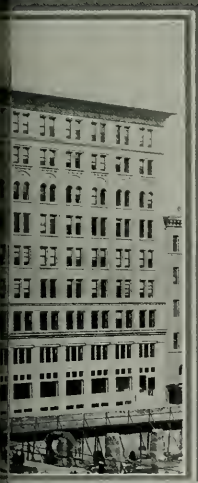


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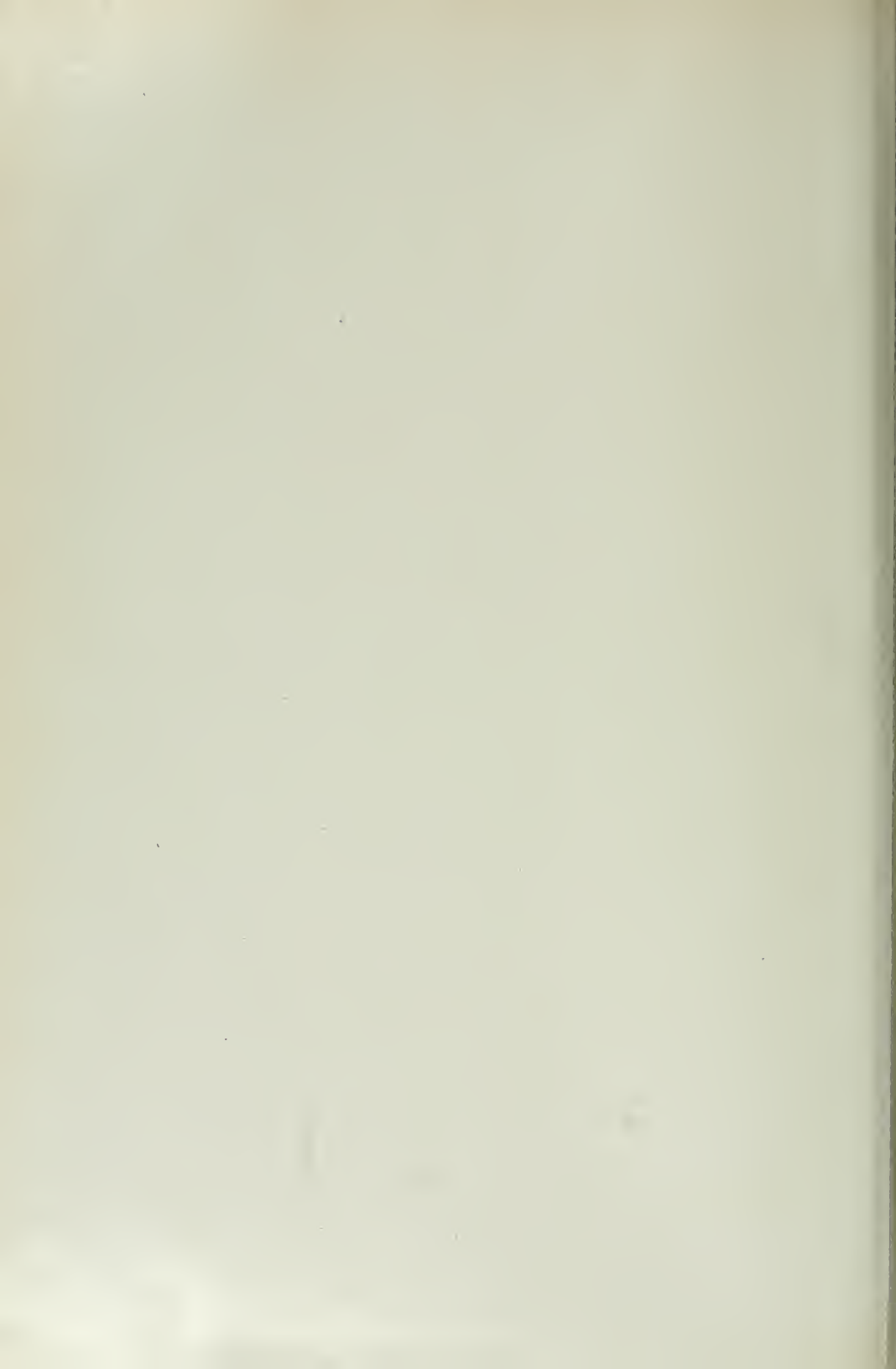
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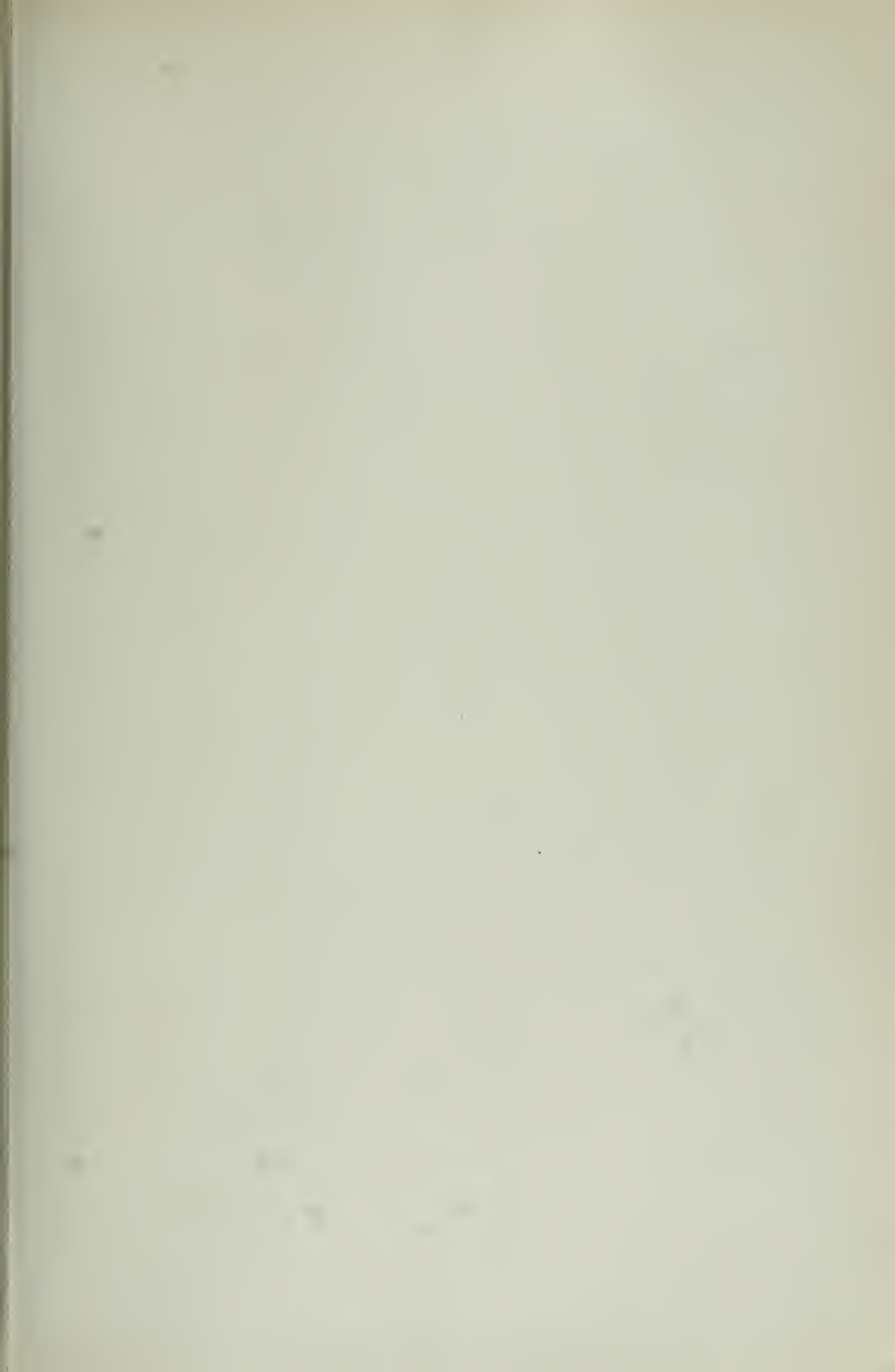


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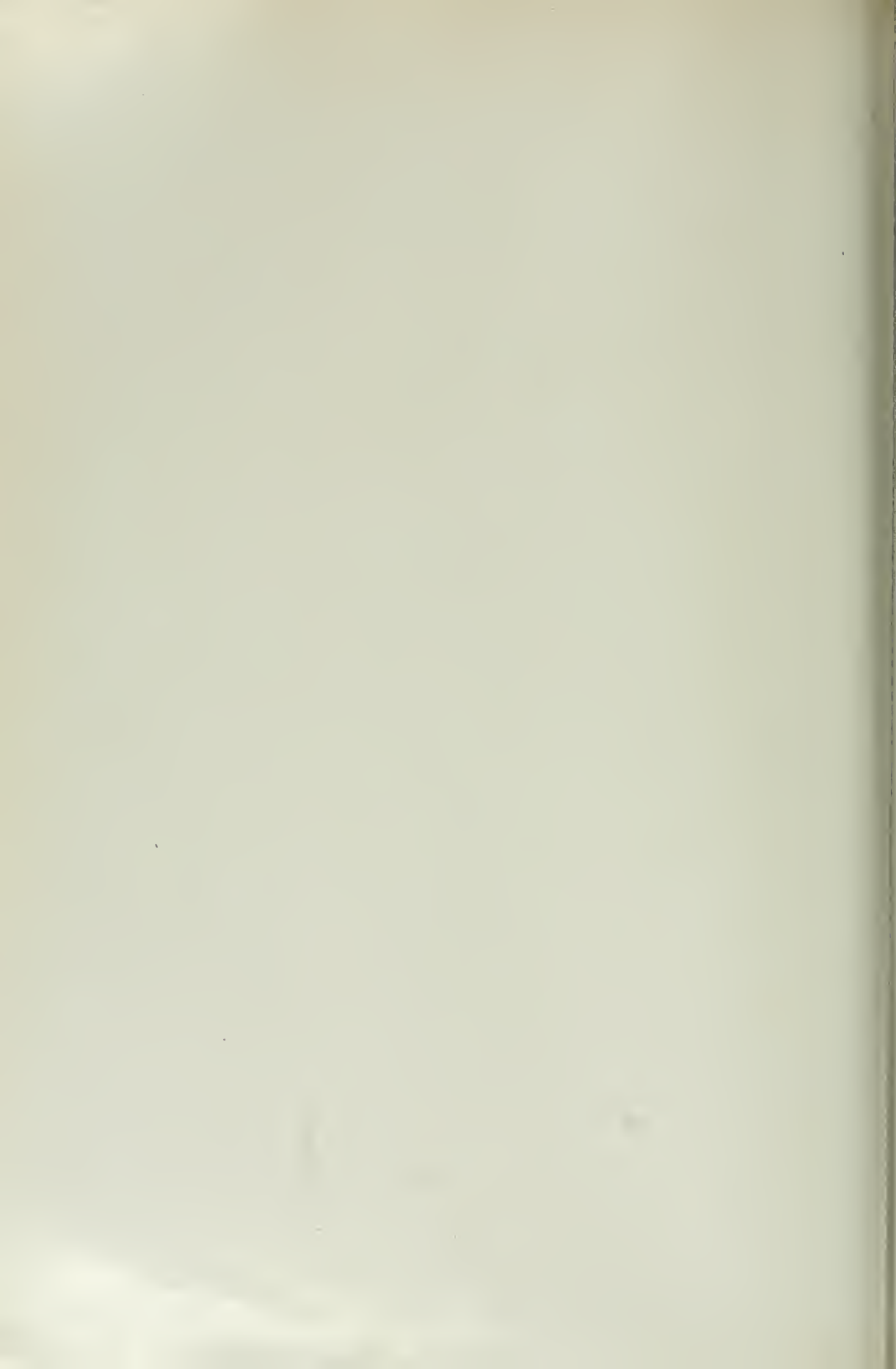


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THEATRES.

ERS, Aronson Realty Co. The Aronson Realty Co. have just taken the large corner property located at the north-east corner of New Montgomery and Mission streets over in exchange for their improved property on Sutter street, and have announced the selection of an architect to prepare plans for a large store building. The new building, which is to be designed to carry five additional stories, will have a frontage of 145 feet on Mission street, 160 feet on New Montgomery and 138 feet on Jessie. There will be eight stores fronting New Montgomery street and two larger stores fronting Mission street. Construction will be fireproof. Plans are being prepared and will shortly be ready for figures.

OCEAN PARK, LOS ANGELES, CAL.—Stores and picture theatre, 3 story and base, brick. Cost not stated. Architect, Frank T. Kexley, Jr., Consolidated Realty Bldg., L. A. Owners, Messrs. Stinehan and Kramer. The building has been designed to contain several stores and a motion picture theatre on the first floor and rooms on the floors above. Interior finish will be of pine and redwood. A central heating system and hot water plant will be installed. There will be fire escapes and pressed brick facing. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and offices, 3 to 10 story and base, reinforced concrete. Cost not stated. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, F. W. Braun. The proposed structure is to be erected on Broadway, between 8th and 9th streets, and will cover an area of 50½x159 feet. Only preliminary plans have been prepared and the owner is not decided on the height to which the building will be carried. In any case the structure will be of the class A type. The first floor will be arranged for modern stores and upper floors for offices. A lease on the site is pending. The exterior of the building will probably be faced with cement plaster. Full particulars will be given in these columns as the plans progress.

LOS ANGELES, CAL.—Stores and lofts, 3 story and base, brick and steel. Cost not stated. Architects, Eisen & Son, Wilcox Bldg., L. A. Owners, George W. Walker and A. Fleishman. The building will be erected on Broadway, and will have a frontage of 50 feet and depth of 146 feet. The first floor will be arranged for two stores. There will be patent store fronts, plate glass windows and hardwood trim. The upper floors will be arranged for light lofts. There will be elevator service and fireproof doors. Metal window sash and frames are specified. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEATTLE, WASH.—Stores and lofts, brick and steel construction. \$50,000 and \$45,000. Architects, Bebb & Mendel, Haight Bldg., Seattle. Owners, Times Bldg. and Denny Bldg. Both of these structures were recently damaged by fire and plans for the rebuilding of the damaged portions of both buildings will be prepared by the above named architects. This work will include plastering, interior trim, new plumbing and electric work. But little exterior facing in either case is to be restored. Plans for the work will be completed as rapidly as possible and bids will be called.

TACOMA, WASH.—Theatre, 1 story and base, reinforced concrete, \$50,000. Architect, Max Umbrecht, Globe Block, Seattle. Owner, Eugene Levy. The new building, which is to be designed for a modern moving picture theatre will be erected on the site of the old Circuit and Scenic theatres in Tacoma. Construction will be fire proof throughout with concrete foundations, floor, walls and roof slabs. Interior finish will be of metal, marble and tile. The exterior of the building will be faced with cement plaster. Plans are being prepared.

SEATTLE, WASH.—Theatre, Class A construction, \$250,000. Architect, Max Umbrecht, Globe Block, Seattle. Owner, Eugene Levy, Grand Opera House. Mr. Levy has just instructed his architect to complete preliminary sketches for a new and modern picture and vaudeville theatre building, which is to be erected at once on property in 3rd avenue. Details of the construction have not been settled and cannot be given at this time. Further mention of the work will be made in these columns as the plans progress. Mr. Levy hopes to have plans out for figures by April 15th.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by the Directors of the Indian Valley Bank for the erection of a one-story reinforced concrete building, to be erected on their building lot, in the town of Greenville, California, as per plans and specifications, now on file at the Banking office, and at the office of the Architect, J. B. (Gibson) Richmond, California. All bids to be filed not later than **March 31st, 1913**, with the architect, or with the Directors of the bank in Greenville. The Board reserves the right to reject any or all bids.

INDIAN VALLEY BANK. (*)

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 762—Proposals for Galvanized Sheet Steel, Planchist Iron, Babbitt Metal, Boiler Tubing, Steel Pipe, Stovepipe, Bolts, Chisels, Pliers, Hamps, Tacks, Buckets, Coal Baskets, Water Coolers, Bedroom Mats, Metallic Tapes, Whitewash Brushes, Paint Brushes, Emery Cloth, Belt Lacing, Hoes, Packing, Sash Cord, Rope, Mop Heads, Twine, Cotton Sheetting, Cheesecloth, Magnesia Pipe Covering, Chipped Soap, Borax, Muratic Acid, Aluminum Paint, Burnt Sienna, Asphaltum, Varnish, Turpentine, Cardboard, Paper, Tie Plugs, Switch Ties and Piles.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. March 5, 1913**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 762) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. ROGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR WINDOW SCREENS

SCREENS—Treasury Department, office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until **March 3, 1913**, for door and window

screens for the U. S. post office at Lewiston, Idaho. For further information address O. WENDEROTH, supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 763—Proposals for Furnishing and Erecting Coal-Handling Machinery and Accessories for Two Coal Plants—Sealed proposals will be received at the office of the general purchasing officer Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. April 14, 1913**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 763) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. ROGGS, Major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR ROSE COUPLINGS.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners, duly passed January 17, 1913, sealed proposals will be received in open session of the Board on **Friday, February 28, 1913**, from **8:30 to 9 o'clock a. m.**, for furnishing 120 or more sets of 3-inch hose couplings for use in the San Francisco Fire Department, in strict accordance with the specifications and conditions contained in proposal blanks prepared by the Board of Fire Commissioners on file and which may be had at the offices of the Board in the Temporary City Hall, Eighth and Market streets, San Francisco.

FRANK T. KENNEDY,
Secretary Board of Fire Commissioners.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Building and Grounds Committee of the Panama-Pacific International Exposition Company at the Board Room No. 415 Exposition Building, Pine and Battery streets, San Francisco, California, at **11 o'clock A. M. Tuesday, February 25th, 1913**.

For Constructing The Roadways Adjacent to the Service Buildings in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, on the same which will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of \$50,000 per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Building and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company. Plans and specifications for the work may be obtained from the Director of Works, at Room 407 Service Building, Fillmore and Chestnut Streets, by depositing \$5.00 in cash which will be refunded upon the return of the plans and specifications in good condition.

By order of the Building and Grounds Committee,
WILLIAM H. CROCKER,
Chairman (*)

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame and concrete \$15,000. San Francisco. Architect, Sidney B. Newson, Nevada Bank Bldg., S. F. Owner, E. Islandi, 550 Montgomery St., S. F. The building will be erected at the northwest corner of Union and Jones streets and will cover an area of 45x137½ feet. There will be a total of thirty apartments arranged in two and three room suites with private baths and wall beds. Besides the suites the building will contain a large social room and dance hall and a large roof garden. Interior finish will be of pine, redwood and hardwoods. Bath rooms will be finished in tile and will have composition floors. There will be steam heat, an automatic elevator and vacuum cleaning system. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$17,000. San Francisco. Architect, C. M. Cook, Rialto Bldg., S. F. Owner, Mr. Bender. The building will be arranged for twelve three-room suites with baths and wall beds. Interior will be finished in pine with some elm panels. There will be a central heating system. Entrance vestibule will be finished in tile and marble. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures have been taken. A contract will be awarded within a day or two.

APARTMENT HOUSE—10 story and base. Class A construction. Cost not stated. San Francisco. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owners, Hug Estate. The building will be erected at the southwest corner of Bush and Stockton streets. Plans are being prepared for a high-class structure which will be arranged for both apartments and single rooms. All modern conveniences will be installed, including wall beds, elevator service, a vacuum cleaning system and steam heat. Interior will be finished in pine, redwood and hardwoods. Bath rooms will be wainscoted with tile and will have composition floors. Suites will consist of two, three and four rooms each. All single rooms will have connecting bath. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Rousseau Realty Co. The building will have a frontage of 30 feet and a depth of 88 feet. Interior will be arranged for six apartments of three rooms each. Interior finish will be of pine and redwood with some oak floors. Furnace heat will be installed. All suites will have wall beds and connecting baths. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—5 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, G. P. Bernard. The building will be erected on Gough street between Page and Lily alley. The structure has been arranged for a number of two and three room suites with private bath rooms and wall beds. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. Plans include steam heat, elevator service and a vacuum cleaning system. Entrance will be finished in tile and marble. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, A. Harrington, 5th and Judah Sts., S. F. The building will be erected on 17th street west of Belvedere and will have a street frontage of 25 feet and a depth of 60 feet. There will be three modern five and six room flats. Interior trim will be of pine, redwood and hardwood. Oak floors will be used in several of the rooms. There will be either gas grates or open fire places. Mantels will be of tile or brick. The exterior of the building will be covered with rustic and cement plaster on metal lath. Tile will be used in the bath rooms and kitchens. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Julia A. Brown, 1580 Jackson St., S. F. The building will cover an area of 25x10 feet. There will be two flats of five and six rooms each with bath. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms. The exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Charles Katz, 1200 Dolores St., S. F. Plans for raising the present building and constructing two stores under the same are complete. The upper floors will also undergo extensive alteration. The new work will include plumbing, electric work, plastering, painting and mill work. Interior finish will be of pine and redwood. There will be open fire places and brick mantels. Plate glass will be used in the store fronts. The exterior of the new portion of the building will be covered with shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco. Architect, M. Mattanovich, David Hayes Bldg., S. F. Owner, F. Rabinovitch. The building will cover an area of 25x55 feet and will be erected on Leland street near Alpha. Interior finish will be of pine throughout. There will be two flats of five and six rooms each. Open fire

places and brick mantels will be used. Baths and kitchens will have tile wainscot. Oak floors will be used in the principal rooms. The exterior of the building will be covered with rustic. Plans for the work are being prepared.

HOTEL—5 story and base, brick and steel, \$130,000. San Francisco. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Mary, W. M. and Joseph Hyman. This building, which has been designed for a commercial house, will be erected at the southwest corner of Eddy and Taylor streets. The building lot covers a large area. Plans so far prepared show a total of 170 rooms, fifty per cent of which will have connecting baths. There will be steam heat, elevator service, vacuum cleaning and hot water plant. Interior finish will be of pine, redwood and hardwoods. Some oak and ornamental plaster will be used in the office and lobby. There will be concrete foundation, brick walls and considerable structural steel used. Plate glass and patent store fronts will also be specified. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$20,000. San Francisco. Architect, Lewis P. Hobart, Crocker Bldg., S. F. Owner, G. A. Bos. The dwelling will be erected in the north line of Green street east of Leavenworth, and will contain twelve rooms, several baths, laundry and a garage. Interior will be finished in pine, hardwoods and white enamel. There will be furnace heat, open fire places and brick and tile mantels. Bath rooms will be finished in tile with composition floors. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—3, 2 story and base, frame, \$3,500 each. San Francisco. Architect, Joseph Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. These houses will be erected in Ingleside Terrace and each will contain seven rooms and bath. Interior finish will be of pine, redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are being prepared and when complete the work will be done by Day Labor.

RESIDENCE—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, C. Jacobsen, 812 Hampshire St., S. F. The house has been designed for a six-room bungalow with bath. All interior finish will be of pine or redwood. Some oak floors will be used. There will be open fire places and brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with shiplap and rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, O. E. Evans, 2132 Mission St., S. F. Owner, John Welsh, 214 20th St. The house has been designed for a seven-room dwelling with all modern conveniences. Interior will be finished in pine and redwood with some elm panels. Floors will be of oak in the principal rooms. There will be open

fire place and brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, cost not stated, San Francisco. Architect, Sidney R. Newsom, Nevada Bank Bldg., S. F. Owner's name withheld. This dwelling will be erected in the Marine View Terrace at 32nd avenue. Plans will be prepared to meet all of the requirements of a modern city home. There will be in the neighborhood of ten rooms, three baths and sleeping porch. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will probably be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$4,000, San Francisco. Architect, none. Owner, G. Dall Oino. The house will be erected on Railroad avenue, 26 1/2 feet north of Quesada, and will contain eight rooms and bath. All interior finish will be either of pine or redwood. Hardwood floors will be used in four of the rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and ship-lap. Plans are in the hands of the owner and the work will be done by Day Labor.

Stores—1 story and base. Class A construction, \$100,000, San Francisco. Architect, Sylvain Schnaittacher. First National Bank Bldg., S. F. Owners, Aronson Realty Co. The Aronson Realty Co. has just taken the large corner property located at the northeast corner of New Montgomery and Mission streets over in exchange for their improved property on Sutter street, and have announced the selection of an architect to prepare plans for a large store building. The new building, which is to be designed to carry five additional stories, will have a frontage of 145 feet on Mission street, 160 feet on New Montgomery and 138 feet on Jessie. There will be eight stores fronting New Montgomery street and two larger stores fronting Mission street. Construction will be fireproof. Plans are being prepared and will shortly be ready for figures.

CONSTRUCTING ROADS—Cost not stated, San Francisco. Engineer, Director of Works, P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific Exposition Co. Plans for constructing roads adjacent to the Service building at the Fair site have been completed and bids are now being called for by the Buildings and Grounds Committee. Bids will be opened on February 25th. The official proposal appears in another column of this issue.

CONDUIT SYSTEM—\$8,460, San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific Exposition Co. Bids for constructing a conduit system in the concession district at the Fair site were opened by the Buildings and Grounds Committee and show James

O'Brien low at \$8,460. He will be awarded the contract.

APARTMENT HOUSE—3 story and base, frame, \$12,000, San Francisco. Architects, Rhodes & Marish, 3372 16th St., S. F. Owner's name withheld. The building has been arranged for twelve apartments of two and three rooms each. There will be private baths and wall beds. Interior finish will be of pine and redwood with some elm panels. Apartments will have gas grates or open fire places. Tile will be used in the baths. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$11,000, San Francisco. Architects, Rhodes & Marish, 3372 16th St., S. F. Owner, C. F. Hornung. The building will be erected at the southwest corner of 16th and Dehon streets and will cover an area of 55x50 feet. The first floor will be arranged for stores and the two upper floors for ten apartments of two and three rooms each. All suites will have connecting baths and wall beds. Interior finish will be of pine, redwood and some elm panels. Stores will be finished in pine, with plate glass display windows. Rector vacuum gas radiators will be installed. The exterior will be covered with brick veneer and cement plaster on metal lath. Plans are nearly complete and will shortly be out for figures.

APARTMENT HOUSE—4 story and base, brick and steel, \$40,000, San Francisco. Architect, C. S. McNally. Mechanics' Institute Bldg., S. F. Owner, Mr. Wood. The building will be erected on Sutter street near Hyde and will contain a number of well arranged two and three room suites with baths and wall beds. Interior will be finished in pine and hardwoods. Bath rooms will have composition floors. There will be steam heat, elevator service and a vacuum cleaning system. The work has been mentioned in these columns before. Plans have been out for figures, but have been revised to some extent and will be refigured within a few weeks.

GARAGE—2 story and base, reinforced concrete, \$35,000, San Francisco. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owners, Hug Estate. The building will be erected on Bush Street west of Mason, and is designed for a commercial garage. Construction will be fireproof throughout with concrete floors, metal window sash and frames. There will be special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Interior will be finished in pine throughout. Plans are now being prepared and bids will be called for shortly.

GARAGE—2 story and base, reinforced concrete. Cost not stated, San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner, Mrs. Edward F. Burns. This building, which has been designed for a commercial garage and stores, will be erected at the northwest corner of Hush and Taylor streets. There will be three stores besides the garage. Interior finish will be of pine throughout. Stores will have plate glass windows and patent fronts. The exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTEL AND RESTAURANT—5 story and base, reinforced concrete,

E. H. Williams Chalmer Munday

Munday & Williams
Attorneys-at-Law

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Lloyd S. Ackerman

Attorney-At-Law

Rooms 414-418 Nevada Bank Bldg.
14 Montgomery St., S. F.

\$22,000, San Francisco. Architects, Rhodes & Marish, 3372 16th St., S. F. Owner, C. F. Hornung. The building will be erected on Valencia street, the first floor being arranged for an up-to-date restaurant and upper floors for a rooming house. The building will cover an area of 30x88 feet. Interior finish will be of pine, redwood and hardwoods. There will be a central heating system, elevators and vacuum cleaning. The exterior will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

FLATS—2 story and base, frame, \$5,000, San Francisco. Architect, W. G. Vadden, 1015 Cole St., S. F. Owner, Thomas Vadden. The building will be erected on 15th avenue, and has been designed to contain two modern flats of five and six rooms each. The interiors will be finished in pine, redwood and hardwood. Oak floors will be used in the principal rooms. There will be open fire places and brick mantels. Tile will be used in the baths and kitchens. The exterior of the building will be covered with cement plaster on metal lath and rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

BUILDING SUPERINTENDENT.
Glacken, Edw. E. General building superintendent, architectural and structural supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 563 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
516	Rousseau	Rousseau	7900
517	Schilling	Schilling	800
548	Nilsen	Nilsen	450
549	Schultz	Hatch	400
550	Nicotra	Draga	400
551	Knight	Knight	1500

574	The Oak Co. Bay City Iron	1160	Schilling, 2209 Jackson,	Old building moved and base-
575	John and	1630	San Francisco.	ment studs and 1st floor joists
576	Puccinelli	6800		on
577	Lacey	6200	Architect	Brown coated
578	McGuigan	1200	None.	Finished
579	Wurthmann	3000	Day's work.	Usual 35 days
580	McGettigan	800		TOTAL COST, \$1650.00
581	Demartini	5900	(518) S CASELLI 175 W Douglass.	Bond, \$825. Sureties, G. E. Holman and
582	Sorbi	1000	Altr and add to dwelling.	V. L. Meyer. Limit, 60 days. Forfeit,
583	Guglielmo	300	Owner	\$2. Plans and specifications filed.
584	Greenwood	3000	Robert Nilson, 35 Caselli	
585	Rousseau	9500	Ave., San Francisco.	
586	Benedict	1000	Architect	
587	Prasso	1500	None.	
588	Marquise	5000	Day's work.	
589	Demianovic	5000		
590	Harris	2800	(519) NO. 423 TWENTY-FIRST AVE.	
591	Dellerich	1500	Move dwelling and build new founda-	
592	Yarni	1625	tion.	
593	Levy	1531	Owner	
594	Schuppert	3475	Chas. J. H. Schultz, Prem.	
595	Newbauer	1531	Architect	
596	Shreve	3750	None.	
597	Kolander	21400	Contractor, H. L. Hatch, 359 5th Ave.,	
598	Dorn	6850	San Francisco.	
599	Sane	5374		
600	Peninsular	25000		
601	Warden	1800		
602	Leavitt	100	(520) NO. 217 COTTER. Repair and	
603	Halton	400	alter dwelling.	
604	Olmo	4000	Owner	
605	Hinds	8000	A. Nimotra, Premises.	
606	Wright	12000	Architect	
607	Remond	600	None.	
608	Lacy	2000	Contractor, A. Draga, 733 Chenery,	
609	Phylic	5000	San Francisco.	
610	Martino	4600		
611	Wise	3975		
612	Schmidt	1900		
613	West Coast	400	(521) N ROLPH 125 W Munich. One-	
614	Torrano	2000	story and basement frame dwelling.	
615	Kleczewski	2000	Owner	
616	Thiel	1900	C. L. Knight, 4093 Mission,	
617	Anglo & London	1823	San Francisco.	
618	Wigwam	7150	Architect	
619	Sam	7460	None.	
620	Colton	2075	Day's work.	
621	Illett	5800		
622	Cassella	5000		
623	Jacobson	2000	(522) W MEACHAM PLACE 74-6 S	
624	Compandico	1160	Post S 62-6XW 56. Move stock and	
625	Welsh	3000	breaching now at corner Spear and	
626	McGeorge	1500	Folsom streets and erect same at	
627	Dobner	800	owner's power plant.	
628	Demartini	3000	Owner	
629	Bushey	1000	Pacific Gas & Electric Co.,	
630	Bailey	2500	445 Sutter San Francisco.	
631	Pope & Talbot	3500	Architect	
632	Green	8000	None.	
633	Green	8000	Contractor	
634	Green	8000	Wm. D. Halket (as Bay	
635	Col St. Railway	9500	City Iron Works), 1243 Har-	
636	Barbagelata	6800	rison, San Francisco.	
637	Ball	2280		
638	Gatzert	4475	Filed Feb. 15, '13. Dated Feb. 13, '13.	
639	Pacific Oil	11400	On completion	
640	P. P. I. E.	4870	Usual 35 days	
641	Same	55205	TOTAL COST, \$1460	
642	Brown	2600	Bond, \$730. Surety, Pacific Coast	
643	Schmitz	700	Casualty Co. Limit, 3 weeks. Forfeit,	
644	Tietjen	460	none. Plans and specifications filed.	
645	Kreig	160		
646	Nordstrom	1500	(523) E LEAVENWORTH 24 S Union	
647	Sherry	400	S 24x E 87-6. All work except sheds,	
648	Janson	1200	mantels, gas and electric fixtures and	
649	Crossetti	500	gravel tar roof for three-story frame	
650	Risso	3500	flats.	
651	Southern Pacific	5000	Owner	
652	Harrington	2000	Victor Puccinelli, 558 Fil-	
653	Hooper	963	bert, San Francisco.	
654	Heinemann	1300	Architect	
655	Hamilton	200	Norio Cavaglia, 946 Green-	
656	Moore	600	wich, San Francisco.	
657	Reatty	200	Contractor	
658	Koenig	600	Davide Demartini, 637	
659	Walsh	500	Greenwich, San Francisco.	
660	S. P. Co.	700	Filed Feb. 15, '13. Dated Feb. 14, '13.	
661	Sicher	400	Frame up and roof on	
662	Green	600	Brown coated	
663	Schradner	5000	Completed and accepted	
664	Vodden	950	Usual 35 days	
665	Lindburg	1425	TOTAL COST, \$6800	
666	Voorman	1100	Bond, \$3400. Sureties, Jno. P. Demar-	
667	Horb	1800	tini and A. Pessano. Limit, 90 days.	
668	Cap Archb. Central Iron	2724	Forfeit, none. Plans and specifications	
669	McGeorge		filed.	
670	American Can			

(546) E LARKIN 35 S Pacific. Three-	
story and basement frame apartments	
Owner	Rousseau Realty Co. 597
Monadnock Bldg., S. F.	
Architect	A. P. & C. M. Rousseau.
597 Monadnock Bldg., S. F.	
Day's work.	COST, \$7900
(547) S JACKSON 120 6-12 N Buchan-	
an. One-story and basement frame	
dwellg.	
Owner	Mary C. W. and E. H.

(548) N. ALBERT 164 1/2 W Devisadero. Two-story and basement frame residence. Owner

(549) S VALLEJO 71-6 W Kearny. Three-story and basement frame (6) flats. Owner

(550) W EDINBURGH 20 08 Persia. One-story and basement frame residence. Owner

(551) NO. 1709 GRANT AVE. Alter rooms. Owner

(552) W MISSION 160-9 1/2 S 23rd. Alterations to store and flats.

Owner.....W. H. Greenwood, 3877
Army, San Francisco.
Architect.....M. J. Welsh, SE 22nd and
Mission, San Francisco.
Day's work.....COST, \$3000

(63) E LEAVENWORTH 87-6 S Pine.
Three-story and basement frame (6)
flats.
Owner.....Rousseau Realty Co., 597 Mon-
adnock Bldg., S. F.

Architect.....A. F. & C. M. Rousseau,
597 Monadnock Bldg., S. F.
Day's work.....COST, \$9500

(64) NE POLK AND CALIFORNIA.
Install steam heat with boiler.
Owner.....Mrs. Emily W. Benedict,
Maryland Hotel, S. F.

Architect.....Righetti & Headman,
Phelan Bldg., S. F.
Day's work.....COST, \$1000

(65) E JULIUS 77 N Lombard. Two-
story and basement frame flats.
Owner.....P. Prasso, 320 Lombard,
San Francisco.

Architect.....None.
Day's work.....COST, \$1500

(66) NO. 1221 GREENWICH. Add 2
rooms, alter front, install window
and build roof garden.
Owner.....Dr. F. P. Canoe Marquise,
Premises.

Architect.....P. Brouchoud.
Contractor.....Will G. Fahien, 1371
Greenwich, San Francisco.
COST, \$2000

(67) N LELAND 255 E Alpha. Two-
story frame flats.
Owner.....P. Radnanovich, 560 Third,
San Francisco.

Architect.....M. Mattanovich, Hewes
San Francisco.
Day's work.....COST, \$3900

(68) E FIFTEENTH AVE 150 N
Geary. Two-story and basement
frame dwelling.
Owner.....H. E. Harris, 432 Monad-
nock Bldg., S. F.

Architect.....None.
Contractor.....C. Schwartz, Phelan Bldg.,
San Francisco.
COST, \$2800

(69) E RAMONA 55 S 14th. All work
for three-story frame flats.
Owner.....H. Oellerich, 50 Shotwell,
San Francisco.

Architect.....John J. Binet Co., Inc.
Contractor.....John J. Binet Co., 68 Ra-
mona, San Francisco.

Filed Feb. 17, '13. Dated Feb. 6, '13.
2nd story joists on.....\$1250
Roof on.....1250
Brown coated.....1250
Completed.....1875
Usual 35 days.....1875

TOTAL COST, \$7500
Bond, none. Limit, 90 days after Feb.
10. Forfeit, \$1. Plans and specifications
filed.

(70) NW MISSION 81.4 SW Geneva
Ave NW 100xSW 25 m or 1 Ptn Blk
4 West End Map No. 1. Grading,
concrete, carpenter, mill, plumbing,
plaster, painting, chimneys, roofing,
tinning, tiling, gas piping, glass and
glazing for two-story frame store and
flat.

Owner.....Carlo Varni.
Architect.....C. O. Clausen, Phelan Bldg.,
San Francisco.

Contractor.....Jos. Perasso and Gaetano
Moretton.

Filed Feb. 17, '13. Dated Feb. 12, '13.

Frame up and roof on.....\$750
Brown coated.....750
Completed and accepted.....750
Usual 35 days.....750

TOTAL COST, \$3000
Bond, \$1600. Sureties, Simone Giuston
and Luigi Perasso. Limit, 90 days
after Feb. 25. Forfeit, none. Plans
and specifications filed.

(71) E TWENTY-NINTH AVE 225 N
Anza 25x E 120. All work except
mantel for one-story frame bungalow.
Owner.....Jos. B. and Fannie Levy.
Architect.....None.

Contractor.....W. A. Miller, 2503 Clement,
San Francisco.

Filed Feb. 17, '13. Dated Feb. 11, '13.
Foundation on.....\$225
Frame up.....400
Brown coated.....400
Finished.....200
Usual 35 days.....400

TOTAL COST, \$1625
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

(72) NE LAGUNA AND CEDAR AVE
N 51x E 25. All work except tinning,
plumbing, gas fitting and painting for
three-story and attic frame store and
flats.

Owner.....A. E. and Alice M. Schup-
pert, 1593 Post, S. F.
Architect.....John J. Foley, Monadnock
Bldg., San Francisco.

Contractor.....R. Pahy, 578 Noe, S. F.
Filed Feb. 17, '13. Dated Feb. 8, '13.

Frame up.....\$1365
Brown coated.....1368
Completed and accepted.....1368
Usual 35 days.....1371

TOTAL COST, \$5475
Bond, \$2575.00. Surety, National Surety
Co. Limit, 90 days. Forfeit, none.
Plans and specifications led.

(73) NE LAKE & TWENTY-FOURTH
Ave E 70 N 90 E 10 NE 36.4 N 35 W
90 S 160 Lots 16, 17, 18 W half 15.
West Clay Park. Carpenter, excavat-
ion, grading, brick, concrete, roofing,
galvanized iron, etc., hardware
for alterations to two-story frame
residence and garage.

Owner.....Hilda S. Newbauer.
Architect.....J. E. Krafft & Sons, Phelan
Bldg., San Francisco.

Contractor.....O. C. Holt, 366 6th Ave.,
San Francisco.

Filed Feb. 17, '13. Dated Feb. 15, '13.
Completed and accepted.....\$1100
Usual 35 days.....431

TOTAL COST, \$1531
Bond, \$800. Sureties, Chas. H. Hock
and Jos. Koberling. Limit, April 10, '13
Forfeit, \$10. Plans and specifications
filed.

(74) S BRYANT AND ZOE SW 125x
SE 160. Painting, staining, varnish,
silexwork, asbestos coating, tinning,
white washing, etc., for four-story
and basement Class "B" building.

Owner.....Shreve & Co.
Architect.....Nathaniel Blaisdell, 255
California, San Francisco.

Contractor.....J. St. Denis & Co., 1045
Sutter, San Francisco.

Filed Feb. 17, '13. Dated Feb. 14, '13.
On 1st and 15th of each month 75%
Usual 35 days.....25%

TOTAL COST, \$3750
Bond, \$1875. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 60 days.
Forfeit, \$25. Plans and specifications
filed.

(57) S SACRAMENTO 49 E Franklin
E 40xS 87-8 1/4. All work for three-
story frame apartments.

Owner.....Max and Dora Kolander,
24th Ave and "K" (Sunset)
San Francisco.

Architect.....E. H. Denke, 1317 Hyde
San Francisco.

Contractor.....F. G. Denke, Baker and
Grove, San Francisco.

Filed Feb. 17, '13. Dated Feb. 17, '13.
1st floor joists on.....\$3210
Enclosed and roof on.....3210
1st coat of plaster on.....3210
Standing finish on.....3210
Completed and accepted.....3210
Usual 35 days.....5350

TOTAL COST, \$21,400
Bond, \$10,700. Sureties, E. H. Denke &
Ella H. Denke. Limit, 100 days. For-
feit, none. Plans and specifications
filed.

(576) SE DAVIS AND WASHINGTON
E 137-6xS 91-8. Concrete work for
one-story and basement concrete
market building.

Owner.....N. A. Dorn, Phelan Bldg.,
San Francisco.

Architect.....None.
Contractor.....Jos. Pasqueletti, Humboldt
Bank Bldg., S. F.

Filed Feb. 17, '13. Dated Feb. 1, '13.
When work finished to point
where 17 in. wall commences 37 1/2%
When completed & accepted 37 1/2%
Usual 35 days.....25%

TOTAL COST, \$6850
Bond, \$3425. Sureties, Giuseppe Burroni
and Felice Rocca. Limit, 30 days after
pile drivers done. Forfeit, \$60. Plans
and specifications filed.

(577) CARPENTRY, GALVANI/ED
iron, tin work, plumbing, roofing,
glazing, mill work and hardware on
above.

Architect.....A. Arguella.
Contractor.....Robert Glaze, 755 Market,
San Francisco.

Filed Feb. 17, '13. Dated Feb. 1, '13.
1st floor joists on.....1/4
Roof on.....1/4
Building finished.....1/4
Usual 35 days.....1/4

TOTAL COST, \$5374
Bond, \$2662. Sureties, Chas. Van Dam-
me and A. F. Mahony. Limit, 50 days.
\$60. Plans and specifications filed.

(578) NW ELLIS AND FILLMORE.
One-story Class "C" stores

Owner.....Peninsular Realty Corpora-
tion, Butler Bldg., S. F.

Architect.....Reid Bros., Cal-Pacific
Bldg., San Francisco.

Contractor.....Stockholm & Allyn, Mon-
adnock Bldg., S. F.

COST, \$25,000
NOTE:—A notice of Non-Responsibility
has been filed on the above.

(579) E LAIDLEY 225 S Roanoke.
One-story and basement frame dwlg.
Owner.....Fred Warden, 149 Paris,
San Francisco.

Architect.....None.
Day's work.....COST, \$1800

(580) NO. 2511 OCTAVIA. One-story
brick garage.

Owner.....R. Leavitt, Premises.
Architect.....None.

Contractor.....H. Zimmerman, 1017 Bu-
chanan, San Francisco.
COST, \$400

(581) NOS. 547-49 BRANNAN. Repair roof and add.
Owner....Mr. Hulton, Premises.
Architect...None.
Contractor...M. G. Lemon, 2254 Leavenworth, San Francisco.
COST, \$400

(582) E RAILROAD AVE 26-7 1/2 N Quesada. Two-story frame store and dwelling.
Owner....G. Dall Olmo.
Architect...None.
Day's work. COST, \$1000

(583) W GUERRERO 50 S Dorland. Three-story and basement frame (6) flats.
Owner....M. Hinds, Care Baird Bros. Redwood City.
Architect...None.
Contractor...Baird Bros., Redwood City.
COST, \$8000

(584) NE LYON AND UNION. Two-story and basement frame dwlg.
Owner....Emma G. Wright, 2321 Van Ness Ave., S. F.
Architect...J. A. Dolliver, Royal Insurance Bldg., S. F.
Contractor...H. P. Hoyt, 822 Monadnock Bldg., San Francisco.
COST, \$12,000

(585) NO. 4339 CALIFORNIA. Alter and repair laundry.
Owner....E. Remond, Premises.
Architect...None.
Contractor...B. Becas, 915 Pacific, S. F.
COST, \$600

(586) W TWENTY-FIRST AVE 200 S Geary. Two-story and basement frame dwelling.
Owner....P. Lucy, 239 14th, S. F.
Architect...Rhodes & Marish, 3372 16th, San Francisco.
Contractor...J. Scanlan, 2466 Geary, San Francisco.
COST, \$2000

(587) FOOT OF ROUSSEAU. One-story frame shop.
Owner....Plymco Bros., 927 Grove, San Francisco.
Architect...None.
Contractor...W. Props, 1301 Gough, San Francisco.
COST, \$500

(588) S CHESTNUT 104-9 W Taylor (rear). Two-story and basement frame flats.
Owner....P. and L. Da San Martino, 931 Chestnut, S. F.
Architect...Louis Mastropasqua, 580 Washington, San Francisco.
Contractor...Ferroni & Son, 3045 Octavia, San Francisco.
COST, \$4600

(589) NO. 567 TWENTY-FIRST AVE. Alter and repair dwelling.
Owner....T. E. Wise, Premises.
Architect...None.
Day's work. COST, \$400

(590) W OAK GROVE 200 N Bryant. Two-story frame cabinet shop.
Owner....John Schmid, 327 Bryant.
Architect...None.
Contractor...J. M. Ploeger, 3265 26th, San Francisco.
COST, \$2975

(591) NE SIXTEENTH AND RHODE Island. Alter storage building.

Owner....West Coast Iron Co., 549 Monadnock Bldg., S. F.
Architect...None.
Day's work. COST, \$1200

(592) E VARENNES 56 N Union. Three-story and basement frame flats.

Owner....Tony Torrano, 380 Green, San Francisco.
Architect...None.
Contractor...F. C. Amoroso, 1333 Kearny, San Francisco.
COST, \$4000

(593) S MORAGA 120 E Ninth Ave. Alter and repair flats.
Owner....Z. Kleczewski.
Architect...None.
Day's work. COST, \$2000

(594) N FORTIETH AVE 75 N "A." All work for one and one-half-story frame building (five rooms and bath).
Owner....M. and A. Thell.
Designer...John F. Haner, 3579 19th, San Francisco.
Contractor...W. O. Nicolaidis and F. Burghardt, Daly City.
Filed Feb. 18, '13. Dated Feb. 11, '13.
Frame up and roof boards on...\$475
Brown coated and rough plumbing in...475
Completed and accepted...475
Usual 35 days...475
TOTAL COST, \$1900

Bond, none. Limit, 60 days from Feb. 15. Forfeit, \$2. Plans and specifications filed.

(595) NW SUTTER AND SANSOME Plumbing in Anglo & London Paris National Bank Bldg. and in Holbrook Bldg. on N Sutter, bet. Montgomery and Sansome.

Owner....The Anglo & London Paris National Bank
Architect...Albert Pissis, Flood Bldg., San Francisco.
Contractor...Boscus Bros., 957 Howard, San Francisco.

Filed Feb. 18, '13. Dated Feb. 12, '13.
On 1st of each month...75%
Usual 35 days...25%
TOTAL COST \$1623
Bond, \$81150. Surety, American Bonding Co. of Baltimore. Limit, as fast as progress of building will permit.
Forfeit, \$25. Plans and specifications, none.

(596) E MISSION 215 N 22nd N 88x122-6 MB 64. Tin and galvanized iron work, marquee, roofing, etc., for a theatre building.

Owner....The Wigwam Amusement Company.
Architect...Crim & Scott, 125 Kearny, San Francisco.

Contractor...Conlin & Roberts, 410 Natoma, San Francisco.
Filed Feb. 18, '13. Dated Feb. 14, '13.
1st of each month...75%
Usual 35 days, 25%...\$797.50
TOTAL COST, \$3190.00

Bond, \$1595. Surety, Pacific Coast Casualty Co. Limit, none. Forfeit, none. Plans and specifications filed.

(597) INTERIOR AND EXTERIOR fire proofing plaster, ornamental plaster and cementing on above.

Contractor...Hermann Bosch, 4420 20th, San Francisco.
Filed Feb. 18, '13. Dated Feb. 13, '13.
1st and 15th of each month...75%
Usual 35 days...25%
TOTAL COST, \$7460
Bond, \$3800. Surety, Massachusetts

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Bonding & Insurance Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(598) S WINFIELD 50 W Esmeralda. Two-story and basement frame dwlg.
Owner....Otto S. Rud, 105 Winfield Ave., San Francisco.
Architect...None

Contractor...Otto H. Anderson, 1207 Scott, San Francisco.
COST, \$2075

(599) W NINTH AVE 150 N California. Two-story and basement frame flats.
Owner....Franklin L. Colton, 625 6th Ave., San Francisco.
Architect...None.

Contractor...Walter G. Glunz, 738 6th Ave., San Francisco.
COST, \$5800

(600) W FORTY-FOURTH AVE 150 N Judah. One-story and basement frame dwelling.
Owner....J. C. Hiett, 1247 44th Ave., San Francisco.

Architect...None.
Day's work. COST, \$600

(601) E KEARNY 56-9 S Green. Three-story and basement frame (6) flats.
Owner....P. Casella, 1333 Kearny, San Francisco.

Architect...None.
Contractor...F. C. Amoroso, 1333 Kearny, San Francisco.
COST, \$5000

(602) NW HARRY AND LAIDLEY. One and one-half-story and basement frame dwelling.

Owner....C. Jacobsen, 812 Hampshire, San Francisco.
Architect...None.
Day's work. COST, \$2000

(603) W NAPLES 75 S Rolph. One-story and basement frame dwelling.
Owner....Attilio Campadino, 730 Naples, San Francisco.

Architect...None.
Contractor...J. Perasso & Co., 801 Athens, San Francisco.
COST, \$1100

(604) E TWENTY-SECOND AVE 325 S Lake. Two-story and basement frame residence.

Owner....James Welsh, 244 20th Ave., San Francisco.
Architect...O. E. Evans, 2132 Mission, San Francisco.
Day's work. COST, \$3000

(605) S SEVENTEENTH 100 E Mars. One-story and basement frame dwlg.



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of Mechanic's Liens

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Contractors' Association, United States Fidelity &
Guaranty Co., Daily Pacific Builder.

Owner J. M. McGeorge 1721 Val-
encia, San Francisco.
Architect None
Contractor H. Logan, 33 Yukon, S. F.
COST, \$1800

(606) E RHODE ISLAND 200 N 22nd.
One-story and basement frame bldg.
Owner.....E. W. M. Dohrner, 884
Kansas, San Francisco.
Architect...M. J. Welsh, SE 22nd and
Mission, San Francisco.
Day's work. COST, \$800

(607) NW GREENWICH & STEINER.
Alter store and lodgings, including
new concrete foundation.
Owner.....F. Frapolli, 724 Front,
San Francisco.
Architect...Righetti & Headman, 1168
Phelan Bldg., S. F.
Contractor...P. Carmignani, 1970 Lom-
bard, San Francisco.
COST, \$3000

(608) W TAYLOR 80 N Lombard.
Alter six flats into 12 apartments.
Raise, add fire escapes, remove rear
and enlarge light wells.
Owner.....Paul Demartini, 2227 Tay-
lor, San Francisco.
Architect...Louis Mastropasqua, 588
Washington, San Francisco
Contractor...L. Segale, 38 Arlington,
San Francisco.
COST, \$5000

(609) N BRAZIL 25 E Prague. One-
story and basement frame dwelling.
Owner.....M. Bushey, 15 Logan,
San Francisco.
Architect...None.
Day's work. COST, \$1000

(610) TWELFTH AVE 125 S Cement.
Two-story and basement frame dwlg.
Owner.....E. Bailey, 3630 18th Ave.,
San Francisco.
Architect...None.
Contractor...F. Pegel, 366 10th Ave.,
San Francisco.
COST, \$2500

(611) NO. 166 EMBARCADERO. Re-
pair roof, lay new floors, erect parti-
tion and raise sidewalk to grade.
Owner.....Pope & Talbot.
Architect...O'Brien & Werner, 68 Post,
San Francisco.
Contractor...Neil McLean, Chronicle
Bldg., San Francisco.
COST, \$3500

(612) N JACKSON 78-5½ E Laurel.
Two-story and basement and attic
frame dwelling.
Owner.....C. E. Green, Crocker Bldg.,
San Francisco.
Architect...Phillip Overman, Shreve
Bldg., San Francisco.
Contractor...Mahony Bros., Crocker
Bldg., San Francisco.
COST, \$3000

(613) N JACKSON 40 E Laurel. Two-
story, basement and attic frame dwlg.
Owner.....C. E. Green, Crocker Bldg.,
San Francisco.
Architect...Phillip Overman, Shreve
Bldg., San Francisco.
Contractor...Mahony Bros., Crocker
Bldg., San Francisco.
COST, \$2000

(614) N JACKSON 115-6½ E Laurel.
Two-story basement and attic frame
dwelling.

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SAN FRANCISCO

- Owner.....C. E. Green, Crocker Bldg., San Francisco.
 Architect...Phillip Overman, Shreve Bldg., San Francisco.
 Contractor...Mahony Bros., Crocker Bldg., San Francisco.
 Usual 35 days.....1118.75
 Bond, \$2238. TOTAL COST, \$4475.00
 Limit, 70 days. Surety, Fidelity Co.
 and specifications filed. Forfeit, \$5. Plans and specifications filed.
- (615) S CALIFORNIA 100 W Hyde.
 Two-story brick car house.
 Owner.....California St. Railway Co., Premises.
 Architect...G. A. Dodge, 101 Post, San Francisco.
 Day's work. COST, \$9500
- (616) N GREEN 23-9 E Larkin E 23x N 70-7½. All work for three-story and basement frame flats.
 Owner.....Giovanni Barbagelata.
 Architect...L. Traverso, 854 Union, San Francisco.
 Contractor...Benedetto Pagano, 48 Allen, San Francisco.
 Filed Feb. 19, '13. Dated Feb. 18, '13.
 Rough frame up.....\$1700
 Brown coated 1700
 Completed and accepted..... 1700
 Usual 35 days..... 1700
 TOTAL COST, \$6800
- Bond, \$3400. Sureties, S. Ciccone and N. Caprile. Limit, 90 days after Feb. 20 Forfeit, \$3. Plans and specifications filed.
- (617) W TWENTY-FIRST AVE 225 S Geary 25x120. All work except lighting fixtures and finish hardware for one and one-half-story frame cottage.
 Owner.....Glenn A. Ball, 7636 17th, San Francisco.
 Architect...None.
 Contractor...Geo. F. Cleese, 524 27th Ave., San Francisco.
 Filed Feb. 19, '13. Dated Feb. 19, '13.
 Frame up\$570
 Brown coated 570
 Completed 570
 Usual 35 days..... 570
 TOTAL COST, \$2280
- Bond, none. Limit, June 1, '13. Forfeit, none. Plans and specifications filed.
- (618) E FILLMORE 59-6 N Greenwich N 25x120. All work for two-story frame store and flat.
 Owner.....Conrad and Henry Gatzert, 1821 Fillmore, S. F.
 Architect...Fred J. Reinhardt, 892 Green, San Francisco.
 Contractor...A. Brisa & Co., 525 Vallejo, San Francisco.
 Filed Feb. 19, '13. Dated Feb. 18, '13.
 Frame up\$118.75
 Brown coated 118.75
 Completed 1118.75
- (619) No. 155 TOWNSEND. All work for approved system of Grinnell automatic sprinklers.
 Owner.....Pacific Oil & Lead Works.
 Architect...None.
 Contractor...Pacific Fire Extinguisher Co., 507 Montgomery, San Francisco.
 Filed Feb. 19, '13. Dated Feb. 18, '13.
 Payments on 15th of March... 75%
 Additional on April 15..... 75%
 Additional on May 15..... 75%
 Usual 35 days.....Balance
 TOTAL COST, \$11,400
- Bond, \$5700. Sureties, Winfield S. Davis and Burt L. Davis. Limit, July 1. Forfeit, none. Specifications only filed.
- (620) EXPOSITION SITE. Sewers in main roadway, Concession District.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...None.
 Contractor...Philip Schuyler, 2424 Grove, Oakland.
 Filed Feb. 19, '13. Dated Feb. 13, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$4870
- Bond, \$2500. Sureties, Elizabeth Chambers and Chas. E. Chambers. Limit, 60 days. Forfeit, none. Plans and specifications filed.
- (621) EXPOSITION SITE. Service water supply system.
 Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.
 Architect...None.
 Contractor...Philip Schuyler, 2424 Grove, Oakland.
 Filed Feb. 19, '13. Dated Feb. 13, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$55,305
- Bond, \$30,000. Sureties, Elizabeth Chambers and Chas. E. Chambers. Limit 180 days. Forfeit, \$50. Plans and specifications filed.
- (622) E SAN JOSE AVE 50 N Tingley Two-story and basement frame flats.
 Owner.....Julia S. Brown, 1580 Jackson, San Francisco.
 Architect...None.
 Day's work. COST, \$2600
- (623) NO. 578 HAYES. Alter front Owner.....Mr. Schmitz, Premises.
 Architect...None.
 Contractor...F. Crothers, 1426 10th Ave. San Francisco.
 COST, \$700
- (624) NE EIGHTEENTH & SANCHEZ Remove awning and alter front.
 Owner.....H. Tietjen, Premises.
 Architect...None.
 Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.
 COST, \$400
- (625) NO. 940 MARKET. Galvanized iron sign.
 Owner.....W. K. Kreig, Premises.
 Architect...None.
 Day's work. COST, \$400
- (626) W LUNDY LANE 125 N Virginia One and one-half-story frame dwlg.
 Owner.....David F. Nordstrom, 161 Lundy Lane, S. F.
 Architect...None.
 Day's work. COST, \$1500
- (627) NOS. 345-347 FRONT. Erect cold storage room.
 Owner.....Sherry-Freitas Co., Inc., Premises.
 Architect...None.
 Contractor...Jas. E. Burke, 1496 Guerrero, San Francisco.
 COST, \$400
- (628) W GENESEE 75 N Flood. One-story and basement frame dwelling.
 Own r.....J. M. Janson, 522 Flood Ave., San Francisco.
 Archt'M. W. Janson, 455 Spreckels Ave, San Francisco.
 Day's work. COST, \$1200
- (629) NO. 103 BANKS. Concrete foundation, add one room and stairs.
 Owner.....O. F. Crosetti.
 Architect...None.
 Contractor...Louis Dillon, 847 Duncan, San Francisco.
 COST, \$500
- (630) NO. 2745 GEARY Add and repair store.
 Owner.....John Nisso, Franises.
 Architect...None.
 Contractor...Paul Demartini, 421 5th Ave., San Francisco.
 COST, \$700
- (631) NE KENTUCKY & SOUTH One-story frame mill.
 Owner.....Southern Pacific Co., Flood Bldg., San Francisco.
 Architect...None.
 Day's work. COST, \$3500

N SEVENTEENTH 25 W Belve-
e. Two-story and basement
me flats.
er.....A. Harrington, NW Fifth
Ave and Judah, S. F.
itect...None.
s work. COST, \$5000

NO. 2020 HOWARD. Raise walls
l detach from building, change
sent boilers and install others,
ct steel and remove partitions and
crete floor.
er.....Geo. W. Hooper.
itect...None.
s work. COST, \$5000

N BUSH 147-6 E Gough E 60xN
0. Carpenter, plumbing, plaster,
nting, papering, electric work for
erations and additions to two-
ory frame building (flats) into
artments.
er.....Arthur J. Heineman, Extr
Est. Harry M. Heineman,
decd., 130 Bush, S. F.
itect...None.
ractor...Frank P. and Fred G.
r. Kronnick, 1656 O'Farrell,
San Francisco.

1 Feb. 20, '13. Dated Feb. 19, '13.
rtitions set\$500
own coated 500
ompleted and accepted..... 500
ual 35 days..... 500
TOTAL COST, \$2600
1, \$1000. Sureties, Wm. J. Smale &
Schreiber. Limit, 60 days. Forfeit,
Plans and specifications filed.

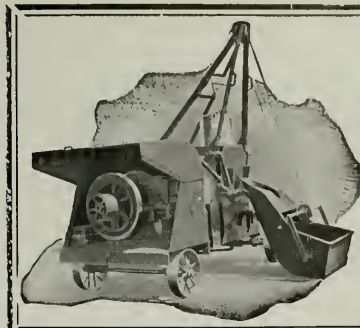
W SCOTT 92-6 S Green S 45xW
0. Grading, excavation, concrete,
menting, iron work and drains for
ont walls, steps and approach to
velling.
er.....Clara S. Hamilton, 2512
Fillmore, San Francisco.
hitect...Jno. R. Hamilton, Kohl
Bldg., San Francisco.
ractor...George Goodman Artificial
Stone Co., Lick Bldg., S. F.
d Feb. 20, '13. Dated Feb. 20, '13.
ompleted and accepted.....\$720
ual 35 days..... 243
TOTAL COST, \$963
d, \$482.50. Sureties, John Faubel &
Casaretto. Limit, 18 days. For-
\$5. Plans and specifications filed.

E EDINBURGH 150 N East Bay
oulevard. One-story and basement
ame dwelling.
er.....Wm. L. Moore, 520 Crocker
Bldg., San Francisco.
hitect...None.
s work. COST, \$1900

NO. 1138 FOLSOM. Add wash
om and repair laundry.
er.....W. Beatty, 1405 Call Bldg.,
San Francisco.
hitect...None.
ractor...S. Steinauer, 3926 Sacra-
mento, San Francisco.
COST, \$500

NO. 2372 MISSION. Alter front.
er.....Chas. W. Koenig, 520
Church, San Francisco
hitect...None.
y's work. COST, \$600

E KENTUCKY, bet. Merimac
and South. Remove front part of
aint shop.
er.....Southern Pacific Co., 1068
Flood Bldg., S. F.
hitect...None.
y's work. COST, \$500



Milwaukee Concrete Mixers

Concrete Hoists
Barrows and Carts
Portable Sawblades
Brick Presses
Block Machines
Contractors Supplies

Graves-Spears Road Machinery Co.
Phone, Sutter 755
1041 Monadnock Bldg. S. F., Cal.

(640) NO. 302 MOULTRIE. Alter, add
and repair dwelling.
Owner.....John F. Walsh, Premises.
Architect...None.
Contractor...A. T. Janson, 3827 Army,
San Francisco.
COST, \$700

(641) NO. 44 EDDY. Add rooms.
Owner.....Buär & Sicher, Premises.
Architect...None.
Contractor...W. Horstmeier, 33 Eureka
San Francisco.
COST, \$400

(642) NO. 22 VULCAN. Repair and
add three rooms to dwelling.
Owner.....A. Green, Premises.
Architect...None.
Day's work. COST, \$600

(643) NE KIRKHAM AND SEVENTH
Ave. Two-story frame flats.
Owner.....Otto R. Schrader, 56 Wal-
ter, San Francisco.
Architect...W. L. Schmolle, 166 Geary.
Day's work. COST, \$4500

(644) E EIGHTEENTH AVE 109-4 S
Lake. Two-story and basement
frame flats.
Owner.....Thomas Vadden, 1015 Cole,
San Francisco.
Architect...W. G. Vadden, 1015 Cole,
San Francisco
Day's work. COST, \$5000

(645) LOT 21 BLK "A" Mission Ter-
race. All work for one-story frame
dwelling.
Owner.....Harold C. and Anna R.
Lindburg.
Architect...Plans by Contractor.
Contractor...N. F. Nilsson, 355 Cole-
ridge Ave., S. F.
Filed Feb. 21, '13. Dated Feb. 17, '13.
Owner is to place \$2250 in hands
of Baldwin & Howell and con-
tractor to draw upon same at
will during progress of constr.,
\$250 of said amount to remain in
hands of Baldwin & Howell until
35 days after completion.....
TOTAL COST, \$2250

Bond, none. Limit, 120 days. Forfeit,
\$1. Plans and specifications filed.

(646) NE MISSION AND FOURTH N
80x E 80. Terrazzo work for seven
story and basement Class "C" hotel
and store building.
Owner.....Voorman Co., 110 Market,
S. F. by P. J. Walker Co.,
Monadnock Bldg., S. F.
Architect...Washington J. Miller, 45
Kearny, San Francisco.
Contractor...Henry Gervais, 1737 Mis-
sion, San Francisco.

Filed Feb. 21, '13. Dated Feb. 19, '13.
Payments on 1st and 15th of
each month 75%
Usual 35 days..... 25%
TOTAL COST, \$1438

Bond, \$717. Sureties, Valentine Franz
and F. P. Fischer. Limit, none. For-
feit, none. Plans and specifications
filed.

(647) N NINETEENTH 175 E Sanchez
E 25xN 114 MB 93. Carpenter, mill,
plaster, plumbing, tinting, painting,
hardware, shades, tiling, mantels,
concrete and excavating for two-
story and basement frame residence.
Owner.....Jos. & Linda E. Herb, 1165
Howard, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Contractor...Siegfried Malmburg 3934
23rd, San Francisco.

Filed Feb. 21, '13. Dated Feb. 7, '13.
Rough frame up.....\$1025
Brown coated 1025
Completed and accepted..... 1025
Usual 35 days..... 1025
TOTAL COST, \$4100

Bond, \$2650. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

(648) SW COR. SIXTEENTH AND
Dolores. Structural steel work,
painting manufacture and assem-
bling and erecting of same for church
Owner.....Roman Catholic Arch-
bishop, 1100 Franklin,
San Francisco.

Architect...None.
Contractor...Central Iron Works, 651
Florida, San Francisco.
Filed Feb. 21, '13. Dated Oct. 15, '12.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$83 per ton

Bond, Guaranty bond in favor of
owner. Sureties, Geo. S. Green and
Natale Olivotti. Limit 60 days after
March 1. Forfeit, none. Plans and
specifications, none

(649) S SEVENTEENTH 100 E Mars.
All work for one-story and basement
frame dwelling.
Owner.....J. M. McGeorge, 1721 Val-
encia, San Francisco.

Architect...H. Logan.
Contractor...H. Logan, 35 Yukon, S. F.
Filed Feb. 21, '13. Dated Feb. 14, '13.
Frame up \$450
Plastered 450
Completed 450
Usual 35 days..... 450
TOTAL COST, \$1800

Bond, \$900. Surety, Massachusetts
Bonding & Insurance Co. Limit, 40

days. Forfeit, none. Plans and specification filed.

NOTE—First report Feb. 20th, contract No. 605.

(650) NINETEENTH & HARRISON.
Sheet metal for three-story warehouse.
Owner, American Can Co., 556 Clay, S. F. by The Clinton Pipeproofing Co., Mutual Bank Bldg., S. F.
Engineer, N. M. Loney, Mills Bldg., San Francisco.
Contractor, The Capitol Sheet Metal Works, 1927 Market, S. F.
Filed Feb. 21, '13. Dated Feb. 21, '13.
On 10th of each month..... 75%
TOTAL COST, \$2724
Bond, \$1362. Surety, Southwestern Surety Ins. Co. Limit, forfeit, plans and specifications, none.

COMPLETION NOTICES.

San Francisco.

Feb. 15, 1913—E TWENTY-FIFTH Ave 184-8 S Anza S 25xE 120. I Paul C Funk to whom it may concern.....Feb. 1, 1913
Feb. 15, 1913—S CLIPPER 290 W Castro W 25xS 114. Geo W Palmer to Joseph C Stromswold.....Feb. 13, 1913
Feb. 15, 1913—E ROTTECK 135-8½ E Bosworth S 50xE 100, Lots 15 and 16 De Boom Tct. Edward D Swift and James F Heffernan to James F Heffernan.....Feb. 14, 1913
Feb. 15, 1913—W DRUMM 91-8 S Sacramento S 21-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. John A Lennon to S F Elevator Co.....Feb. 13, 1913
Feb. 15, 1913—E MISSION 203 S 23rd 10x122-6. Elizabeth M Morehouse to Ira W Coburn Inc.....Feb. 6, 1913
Feb. 17, 1913—S UNION 32-6 E Baker S 18 E 2-8 S 45-6 E 24-9 N 63 W 27-6. Julius Reimer to Henry T Grieb.....Feb. 15, 1913
Feb. 17, 1913—N PARNASSUS AVE 100 E Schrader + 700 E 27-6 S 100 W 27-6. Mrs Mary Peel to Ed Zinkand & Son.....Feb. 17, 1913
Feb. 17, 1913—LOT of LAND NEAR Junction of Sloat Boulevard and Great Highway. The Park Commissioners to Vermont Marble Co.....Feb. 7, 1913
Feb. 17, 1913—E TWELFTH AVE 250 N Balboa 25x120. A R Lapham to whom it may concern.....Feb. 15, 1913
Feb. 17, 1913—E PRESIDIO AVE (Central Ave) 127-8½ N Washington S 36 E parallel with N Washington 90-11 N 36 W 90-11. Alexander and Harry Levison to whom it may concern.....Feb. 13, 1913
Feb. 17, 1913—SE LISBON 175 SW Persia Ave SW 50x100. Sarah M and Harry E Bowers to Fred Warden.....Feb. 13, 1913
Feb. 17, 1913—BLK BDED BY BALBOA, 47th Ave, Sutro Heights Ave and 48th Ave. Golden Gate Orchist Farm (cpn) to Commercial Bldg Co.....Feb. 11, 1913
Feb. 17, 1913—SE TWENTY-FIRST 26-9 NE Douglass NE 25 S parallel with E Douglass to a pt which is perpendicularly dist 260 N from 22d W 25 m or 1 N 112-2. John Bjorkman to whom it may concern.....Feb. 15, 1913
Feb. 18, 1913—W TWENTY-SIXTH Ave 120 N California N 25xW 120. Charles Symons to George F Cleese.....Feb. 17, 1913
Feb. 18, 1913—SE NAPLES 275 NE France Ave N E25xSE 107 Lot 3 Blk 57 Excel Hld. William Zentell to Stephenson & Parry.....Feb. 8, 1913
Feb. 18, 1913—S CUMBERLAND 80 E Sanchez E 25xS 89. Martin Nelson and Martin Persen to whom it may concern.....Feb. 15, 1913
Feb. 19, 1913—E POWELL 137-6 N Rush N 64xE 113-6. Charles W Rehman to John Schmidt & Son.....Feb. 8, 1913
Feb. 19, 1913—N PULTON 137-6 W Fillmore W 30xN 137-6. C Furlong to whom it may concern.....Feb. 10, 1913
Feb. 19, 1913—E COMMONWEALTH Ave, bet California and Euclid Ave No. 44 Commonwealth. Antoinette Porter to L L Berger.....Feb. 17, 1913
Feb. 19, 1913—E NINTH AVE 150 S Cabrillo (C) E 120xS 25. Christ R D Hansen to J Harold Johnson.....Feb. 18, 1913
Feb. 19, 1913—COMG. 24 E from NE Bryant and Chelsea — 52 N 90 E 4 N 25 W 80 S 70 E 24 S 45. Elizabeth Casey to Mat V Brady.....Feb. 10, 1913
Feb. 19, 1913—MARKET NO. 831 (in Commercial Bldg) S line of Market bet 4th and 5th. Marks Bros to Richard Leach.....Feb. 15, 1913
Feb. 19, 1913—S "K" (South) & 4th Ave SW 200 SE 108-1 th following SE line of Butchers' Franchise as follows: N 44 12 min E 60-6 m or 1; N 56 12 min E 64-6 S 70 48 min E 54-6; S 63 48 min E 287-6 N 83 42 min E 45 m or 1 NW 550-3 m or 1 all Blk 79 South San Francisco, within boundaries of Butchers' Franchise. San Francisco Disposal Co to Mortensen Constr Co.....Feb. 17, 1913
Feb. 19, 1913—W DOUGLASS 166 S 17th S 25xW 136. L G V Bottarini to Joseph Gezzi.....Feb. 18, 1913
Feb. 19, 1913—N O'FARRELL 103-1½ W Mason W 61-10½xN 137-6. Samuel Knight to Van Sant-Houghton Co.....Feb. 10, 1913
Feb. 19, 1913—W FILLMORE 203-37 N Chestnut N 200xW 310 m or 1 Panama-Pacific International Exposition Co to F P & L L Fischer.....Feb. 17, 1913
Feb. 19, 1913—POINT LOBOS & 5th Aves (French Hospital). The French Hospital to J Narberbury.....Feb. 3, 1913
Feb. 20, 1913—W TENTH AVE 175 N Lawton N25x120. Bridget Brennan to whom it may concern.....Feb. 15, 1913
Feb. 20, 1913—E TWENTY-FIRST Ave 33-4 N Ulloa N 33-4xE 120. Parkside Home Bldg Co to whom it may concern.....Feb. 19, 1913
Feb. 20, 1913—SE HOWARD 175 SW Third SW 20xSE 80. A H and Marie C Rochfort to R W Moller.....Feb. 19, 1913
Feb. 20, 1913—GEARY NO. 34. The Golden Pheasant to Braas & Kuhn.....Feb. 13, 1913
Feb. 20, 1913—SW MARKET & 8TH W 55-10x80. Miss A F Martel and Mrs E M Stovel to J I Mitrovich Bldg Co.....Feb. 15, 1913
Feb. 20, 1913—NE SIXTH & MINNA N 80xE 100. C Meyer Estate to Beach & Heffernan.....Feb. 13, 1913
Feb. 20, 1913—E MISSION 215 N 22nd N 88xE 122-6. The Wigwam Amusement Co to The Judson Iron Works.....Feb. 18, 1913
Feb. 20, 1913—DIAMOND 197-6

N 21st N 25xE 100 Blk 191 Horner Add'n. Bay Cities Home Bldg Co Inc to whom it may concern.....Feb. 19, 1913
Feb. 20, 1913—DIAMOND 247-6 N 21st N 25xE 100. Bay Cities Home Bldg Co to whom it may concern.....Feb. 19, 1913
Feb. 20, 1913—DIAMOND 222-6 N 21st N 25xE 100 Blk 191, Horner Add'n. Bay Cities Home Bldg Co to whom it may concern.....Feb. 19, 1913
Feb. 21, 1913—E EIGHTH AVE 12 N Irving 25x120. Wm J McKillo to whom it may concern.....Feb. 21, 1913
Feb. 21, 1913—E EIGHTH AVE 12 N Irving 25x120. Wm J McKillo to whom it may concern.....Feb. 21, 1913
Feb. 21, 1913—E EIGHTH AVE 15 N Irving 25x120. Wm J McKillo to whom it may concern.....Feb. 21, 1913
Feb. 21, 1913—E EIGHTH AVE 17 S Irving 25x120. Wm J McKillo; to whom it may concern.....Feb. 21, 1913
Feb. 21, 1913—NW SACRAMENTO 6 Powell N 52x W91-6. Clay M Green et al to Bradley & O'Reilly.....Feb. 19, 1913
Feb. 21, 1913—SW NIAGARA AVE 289-53 NW Mission 25x80-10. Louis J Roberts and John B Woolfrey to whom it may concern.....Feb. 1, 1913
Feb. 21, 1913—BLK BDED BY ARMY Valencia, Duncan and San Jose Ave. St. Luke's Hospital to Man grum & Otter.....Feb. 18, 1913
Feb. 21, 1913—SW CALIFORNIA 6 Sansome W 57-6xS 87-6. The Fire man's Fund Insurance Co to Stanquist & Forbes.....Feb. 15, 1913
Feb. 21, 1913—COMG. 153 SW FAH Ave and -49 SE Mission — 25 SE 73-6 NE 25 SW 73-6. J C Stroms wold to whom it may concern.....Feb. 20, 1913
Feb. 21, 1913—N SUTTER AND ORO tavia. The Coleson Co to L A Rosc.....Feb. 1, 1913
Feb. 21, 1913—NW TWENTY-FIFTH and Castro. Charles E Reinhar to Christensen & Smith.....Feb. 19, 1913
Feb. 21, 1913—N BROADWAY 63-4 W Webster W 148-9xN 275. James L Flood to E M Huie & Co.....Feb. 13, 1913
Feb. 21, 1913—S BRYANT AND ZOE SW 125xSE 160. Shreve & Co to H H Larsen & Bros.....Feb. 13, 1913
Feb. 21, 1913—NW MARKET 218-1½ SW Van Ness Ave N parallel with Van Ness Ave 56-7 parallel with Oak 22-0½ S parallel with Franklin to a pt on NW Market 245-6½ from W Van Ness Ave and Marke NE 27-4½. Elizabeth R Lillis to Continental Fireproofing Co.....Dec. 14, 1912

San Francisco.

LIENS FILED.

Feb. 19, 1913—LOT 25 BLK 17, Fair mount. Jacob Peterson vs Geo F Voight.....\$135
Feb. 21, 1913—W TWENTY-SIXTH Ave 300 S Clement S 25 W 120-2½ m or 1 N 25 m or 1 to a pt 300 E from S Clement E parallel with Clement 122-9½ m or 1, Leonard Lumber Co vs I L and J W Coher.....\$279
Feb. 21, 1913—S BUSH 139-6 E Franklin E 25xS 120. Daniel Sullivan vs D R Webster, N Kagami and P A Smith Realty Co.....\$208

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and concrete and frame, \$60,000. Oakland, Cal. Architect, none. Owner, Dr. V. Caldwell, 2113 Harrison Blvd., Oakland. The building will cover a considerable ground area and will be used for two and three room suites. All suites will be equipped with wall beds and will have connecting baths. There will be steam, vacuum cleaning and other modern improvements. Interior finish will be of pine, redwood and hardwoods. All rooms will have composition floors. Entrance lobby and reception hall will be finished in tile and marble. The exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of owner and he will let all contracts.

APARTMENT HOUSE—3 story and concrete and frame, \$27,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, John Spellman. The building will be erected at corner of 25th and Telegraph avenues. The building will be 48x112 feet and will be arranged to contain 54 apartments of two and three rooms each. All suites will have private bathrooms and wall beds. Interiors will be finished in pine, redwood and hardwood veneer. Oak floors will be used in the principal rooms. Steam heat and a hot water plant are provided. Bath rooms will be finished in tile and will have composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans for the building are being prepared.

BANK AND OFFICES—11 story and concrete. Class A construction, \$300,000. Oakland, Cal. Architect, L. B. Dutton, Conicle Bldg., S. F. Owners, First State and Savings Bank. This institution has just announced the selection of an architect to prepare plans for the building which is to be erected at corner of 16th and San Pablo avenues. The entire first floor of the building will be occupied by the bank. Upper floors will be subdivided into a large number of modern offices. Plans include steam heat, elevator service, mail chutes and a vacuum cleaning system. There will be hollow tile interior partitions, concrete floors and tall window frames and sash. A complete steel frame will be erected. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared and the work will be started as soon as specifications and plans can be completed.

APARTMENT HOUSE ALTERATIONS AND ADDITIONS—3 story, frame. Cost not stated. San Francisco. Architect, William H. Crim Jr., Kearny St., S. F. Owner, Wesley Sheffield. An addition of three stories will be built adjoining the present building, and the interior of the old structure will undergo extensive alterations. Work will include new masonry, plastering, electric work and painting. Interior finish in the new portion will be of pine and redwood. The exterior of the building will be covered with shiplap and rustic. Plans are now being taken by the architect.

APARTMENT HOUSE—3 story and concrete and frame. Cost not stated. San

Francisco. Architect, none. Owner, J. Pattonson, 2060 Fell St., S. F. The building will be erected on Parnassus avenue having a frontage of 80 feet and a depth of 30 feet. Interior will be arranged for four four-room suites on the upper two floors and a larger apartment on the first floor. Interior finish will be of pine and redwood. Furnace heat will be installed. There will be wall beds and private baths with each apartment. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared by the owner and when complete the work will be done by Day Labor.

APARTMENT HOUSE—8 story and base, brick and steel, \$55,000. San Francisco. Architects, Phillip Schwerdt & Co., Phelan Bldg., S. F. Owners, Benj. and H. Hersch. The building will be erected at the northwest corner of Post and Taylor streets and will contain in the neighborhood of 66 rooms and baths. A part of the building will be arranged for small apartments and the balance for a commercial hotel. Plans include steam heat, a hot water plant, wall beds and vacuum cleaning system. Interior finish will be of pine and hardwood. Elevator service will also be included. The exterior of the structure will be faced with tapestry brick and terra cotta. Plans are being prepared and the excavation has been started.

APARTMENT HOUSE—3 story and base, frame, \$17,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, William Mann. The building, which is to be erected at the southeast corner of 5th avenue and East 14th street, will contain a total of 50 rooms, which are to be arranged in two and three room suites. All suites will have private baths and wall beds. Interior finish will be of pine and redwood with some hardwood. There will be a central heating system and a hot water plant. Tile and marble will be used in the entrance and reception room. Bath rooms will have composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

COLD STORAGE WAREHOUSE—2 story and base, reinforced concrete, \$60,000. Oakland, Cal. Architect's name not given. Owners, Pacific Coast Canning Co., 12th and Pine streets, Oakland. This building will be erected in the west line of Pine street between 11th and 12 streets. Construction will be of reinforced concrete throughout, including walls, floors and roof. A large amount of special machinery will be ordered. Plans call for considerable structural steel. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are in the hands of the owners and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$30,000. Oakland, Cal. Architect, Phillip Schwerdt, Phelan Bldg., S. F. Owner, Fred Hennings. The building will be erected at the corner of 6th and Allen streets, and in addition to the flats will contain a garage. Plans provide for thirteen rooms, baths and sleeping porches. Each flat will consist of four or five rooms. Interior will be finished in pine, redwood and hardwood. Oak floors will be used in some rooms. A central heating system will be installed. There will be open fire places

and brick mantels. Tile will be used in the bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$3,000. Oakland, Cal. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner, B. Saucella. There will be one store on the first floor of the building and two modern four-room flats on the upper floor. Interior trim will be of pine and redwood. Some oak floors will be used. Tile will be used in the bath rooms. The exterior of the building will be covered with rustic. Plans are complete and figures are now being taken by the architect.

GARAGE—1 story, brick and steel, \$5,000. Berkeley, Alameda Co., Cal. Architect, A. Merrill Bowser, 1007 Broadway, Oakland. Owner, F. M. Seeggin. The building has been designed for a commercial garage. Foundation will be of concrete and exterior walls of brick, faced with pressed brick. Floor will be of cement. There will be metal covered doors, metal window frames and sash. Interior finish will be of pine throughout. Plans are complete and the architect is taking segregated figures for the various parts of the work. The building will cover an area of 50x125 feet.

RESIDENCE—2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, A. Merrill Bowser, 1007 Broadway, Oakland. Owners, Richard Wadlie Co. The house will be erected in North Berkeley and will contain seven rooms, bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architects, Herrmann Bros., Tinklen Bldg., San Diego. Owner, W. G. Appleton. The house has been designed for a six-room dwelling with bath and sleeping porch. All interior finish will be of pine and white enamel. There will be open fire places and brick mantels. Floors throughout will be of oak. A Neapolitan roof will be used. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, none. Owner, John A. Bishoff, 1353 Channing Way, Berkeley. The house has been designed for an eight-room dwelling with bath. Interior will be finished in pine with hardwood floors in the principal rooms. There will be open fire places and brick or tile mantels. An automatic water heater will be installed. Tile will be used in the kitchen and bath room. The exterior of the dwelling will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Charles C. Boynton, La Loma and Cedar streets,

Berkeley. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$1,500. Berkeley, Alameda Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Harry Howard. The house has been designed to contain seven rooms and bath. Interior will be finished in pine and redwood with oak floors in the living, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

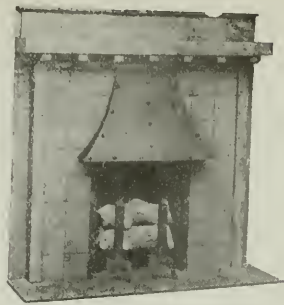
RESIDENCE — 2 story and base, frame, \$2,500. Oakland, Cal. Architect, Edward G. Bolles, 660 Market St., S. F. Owner, Mrs. Susie Noble. The dwelling will contain six rooms, sleeping porch and bath. The interior will be finished in pine throughout with hardwood floors in the living room and dining room. There will be open fire places, furnace heat and an automatic water heater. Mantels will be of brick. Tile will be used in the bath room. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

SCHOOL — 2 story and base, reinforced concrete, \$66,500. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened on February 17th for the construction of the Perry School show Van Sant-Houghton Co. low at \$66,448. A complete list of all figures received for this work appears in this issue under Oakland and Alameda County.

STORES — 1 story, frame and corrugated iron, \$3,000. Alameda, Alameda Co., Cal. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner, P. Jorgenson. The building will be erected on Webster street and will be arranged for several stores. Interior will be finished in pine throughout. There will be plate glass display windows and patent store fronts. The street elevation will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCE — 1½ story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, L. M. Newsom, 832 Broadway, Oakland. Owner, D. Lundholm. The dwelling will contain six rooms and bath. Interior finish will be of pine and redwood throughout. There will be some hardwood floors. Open fire places and brick mantels will be used in the living and dining rooms. Tile will be used in the bath and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$2,500. Berkeley, Alameda Co.,



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager

Mantels, Grates and Tiles. Fire Sets, Andirons

Portable Baskets and Grates. Floor and

Wall Tiling in Original Designs.

1727 TELEGRAPH AVE.

OAKLAND, CAL.

Phone Oakland 127

Residence Phone, Oakland 8622

Cal. Architect, C. M. Cook, Rialto Bldg., S. F. Owner, Mr. Marshall. The dwelling will contain eight rooms and bath. All interior finish will be of pine. There will be furnace heat and open fire places. Mantels will be of brick. Oak floors will be used in the principal rooms. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 3 story and base, frame, \$10,000. Piedmont, Alameda Co., Cal. Architects, Cunningham & Polito, First National Bank Bldg., S. F. Owner, H. L. Cunningham. The dwelling will contain nine rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwoods. The plans call for a central heating system, open fire places and brick mantels. An automatic water heater will be installed. Hardwood floors will be used throughout. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Bids For The Perry School Are Opened.

Oakland Board of Education Open Fifteen Bids For School. Van Sant-Houghton Co. Are Low Men.

Fifteen sets of figures were opened at the Monday evening session of the Oakland Board of Education for the construction of the Perry School. The lowest figure was presented by Van Sant-Houghton Co. of Oakland, at \$66,468 and this firm will probably be awarded the work although there were three other very close bids. The building is to be a two-story and basement reinforced concrete structure and will be erected in the west line of Grant avenue, between Perry and Santa Clara streets. Plans for the work were

prepared by Supervising Architect J. J. Donovan, Security Bank Bldg., Oakland. The following is a list of all figures received:

General Construction Perry School.

O. B. Ackerman & Son.....	\$71,697.00
Van Sant-Houghton Co.....	66,468.00
Boyd, Kerr & McLean.....	83,985.00
Cornaham & Mulford.....	70,439.00
Ward & Kahn.....	71,146.00
Thurston & Co.....	77,304.50
McLeran & Peterson.....	74,000.00
Central Cal. Constr. Co.....	73,950.00
Christensen Bros.....	73,985.00
R. W. Moller.....	68,810.00
C. Larsen.....	77,450.00
Nelson & Bauer.....	67,875.30
Stockholm & Allyn.....	74,493.00
J. L. McLaughlin.....	67,047.00

Building Contracts Awarded.

Oakland.

No.	Owner	Contractor	Am.
454	Langner	Langner	500
455	Freitas	Freitas	400
465	Graves	Lassen	2500
464	Penn	Penn	2000
466	Same	Same	920
467	Millhone	Bane	1000
468	Garretson	Lassen	2500
469	Coit	Coit	3500
470	Hartwig	Hartwig	2000
476	Coburn	Larner	2400
477	Goddard	Guldner	2350
478	Reeves	Helms	2000
479	Elmona	Brown	700
481	Folwick	Folwick	1400
482	McArthur	McArthur	2000
483	Pleitner	Pleitner	1400
484	Jackson	Jackson	1550
485	Pac Co Can'try	Owner	60000
486	Anderson	Anderson	400
494	Sutwell	Harris	400
495	O'Brien	O'Brien	750
496	Lucas	Faulkes	1550
497	Mann	Mann	17000
498	Starr	Trackwell	500
499	Westen	Wing	1200
500	Williams	Williams	400
501	Beatty	Gunter	1950
502	Young	Young	2600
503	Trefethen	Burnett	500
508	Benett	Allen	2000
509	Arfsten	Costodio	1800
510	Henry	Leithmann	1000
511	Pardee	Pardee	400
512	Miller	Price	4224
513	Hennings	Sprague	7000
515	Galgens	Legault	3600
516	De Val	Allen	500
517	White	Kennedy	150
521	Watson	Kennedy	80
521	Jones	Allen	3150

(454) W NINETY-SECOND AVE 40 N "D" Oakland. One-story two-room dwelling.

Owner.....Fred Langner, 1336 97th Ave., Oakland.
Architect.....None.
Day's work..... COST, \$500

(455) W PINE 150 N 8th, Oakland. Alterations.

Owner.....J. Freitas.
Architect.....None.
Day's work..... COST, \$400

(464) S THIRTY-NINTH 200 W Market, Oakland. One-story 6-room dwlg
Owner.....Sidney N Graves, 4320 Division, Oakland.

Architect.....None.
Contractor.....Lassen Bros., 4190 Shafter Ave., Oakland.
COST \$2500

(465) W FAIRFAX 140 S Wentworth, Oakland. One-story 5-room dwlg.
Owner.....Theo. Penn, 749 61st. Okd.
Architect.....None.
Day's work..... COST, \$2200

(466) W FAIRFAX 100 S Wentworth, Oakland. One-story 6-room dwelling.

- Owner.....Theo. Fenn, 749 61st, Okd.
 Architect...None.
 Day's work. COST, \$2200
- (67) SE SEVENTEENTH AVE AND E-15th, Oakland. One-story 5-room dwelling.
 Owner.....W. F. Millhone, 8320 E-14th, Oakland.
 Architect...None.
 Contractor...W. E. Bane, 1505 Madison, Oakland.
 COST, \$1000
- (68) W DIAMOND 75 N 41st, Oakland One-story 5-room dwelling.
 Owner.....N. P. Garretson, 57 Post, San Francisco.
 Architect...None.
 Contractor...Lassen Bros., 4190 Shafter Ave., Oakland.
 COST, \$2500
- (69) NE BROADWAY AND MANILA Oakland. Two-story 6-room dwlg.
 Owner.....C. B. Colt, 1522 Broadway, Oakland.
 Architect...A. A. J. Mazurette, 1522 Broadway, Oakland.
 Contractor...Roger Coit, 1522 Broadway Oakland.
 COST, \$3500
- (70) W FAIRFAX AVE 100 N Boulevard, Oakland. One-story 6-room dwelling.
 Owner.....Carl Hartwig, 1601 51st Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2000
- (76) N HUDSON 350 W Lawton. Oakland. Two-story 6-room dwlg.
 Owner.....Frank Colbourn, 5348 Shafter Ave., Oakland.
 Architect...None.
 Contractor...Edw. Larmer, 631 Poirier, Oakland.
 COST, \$2400
- (77) E THIRTY-FIFTH AVE 150 N Boulevard, Oakland. One-story five-room dwelling.
 Owner.....Ira Goddard, Merced, Cal.
 Architect...None.
 Contractor...E. F. Guldner, 518 22nd, Oakland.
 COST, \$1350
- (78) NE FIFTY-NINTH & DOVER, Oakland. One-story 5-room dwlg.
 Owner.....A. M. Tette, 3117 Grove, Oakland.
 Architect...None.
 Contractor...Wm. C. Helms, 1634 Felton Oakland.
 COST, \$2000
- (79) SE E-TWELFTH AND 42ND Ave., Oakland. One-story three-room dwelling.
 Owner.....R. E. Reeves, 3317 E-14th, Oakland.
 Architect...None.
 Contractor...E. F. Guldner, 518 22nd, Oakland.
 COST, \$500
- (80) W EIGHTY-EIGHTH AVE 90 S Olive, Oakland. One-story 4-room dwelling.
 Owner.....Herman Elmona, 1955 88th Ave., Oakland.
 Architect...None.
 Contractor...Tom Brown, 1641 89th Ave. Oakland.
 COST, \$700
- (81) E SEVENTY-THIRD AVE 300 S Spencer, Oakland. One-story five-room dwelling.
- Owner.....John Folwick, 610 Alleen, Oakland.
 Architect...None.
 Day's work. COST, \$1400
- (482) N FIFTIETH 225 E Shafter Ave., Oakland. One-story six-room dwelling.
 Owner.....Margaret McArthur, 392 51st, Oakland.
 Architect...None.
 Contractor...Chas. McArthur, 392 51st, Oakland.
 COST, \$2000
- (483) N LAUREL 100 E Maine, Oakland. One-story four-room dwlg.
 Owner.....H. A. Pleitner, 951 Fruitvale Ave., Oakland.
 Architect...None.
 Day's work. COST, \$1400
- (484) W VIOLA 175 S Penaman, Oakland. One-story 5-room dwelling.
 Owner.....C. A. Jackson, 2128 E-16th, Oakland.
 Architect...None.
 Day's work. COST, \$1550
- (485) W PINE, bet. 11th and 12th, Oakland. Two-story and basement reinforced concrete cold storage warehouse.
 Owner.....Pacific Coast Canning Co., 12th and Pine, Oakland.
 Architect...None.
 Day's work. COST, \$60,000
- (486) NO. 1004 TWENTY-SIXTH, Oakland. Alterations.
 Owner.....Jno. Anderson, 1422 Broadway, Oakland.
 Architect...None.
 Day's work. COST, \$400
- (494) MONTANA ST. Foot Fruitvale Ave., Oakland. Alterations. Montana and Sousel Creek, Okd.
 Architect...None.
 Contractor...Harris & Hudson, 1957 E-33th, Oakland.
 COST, \$400
- (495) N FIFTY-FIFTH 120 E Market, Oakland. One-story 3-room dwlg.
 Owner.....Geo. O'Brien, 880 55th, Okd.
 Architect...None.
 Day's work. COST, \$750
- (496) N APRICOT 500 E 107th Ave., Oakland. One-story 4-room dwlg.
 Owner.....Frank Lucas, San Leandro
 Architect...None.
 Contractor...J. R. Faulkes, 9828 E-14th, Oakland.
 COST, \$1550
- (497) SE FIFTH AVE AND E-14TH, Oakland. Three-story 50-room apartment building.
 Owner.....Wm. Mann, 1949 7th Ave. Oakland.
 Architect...A. W. Smith, 1010 Broadway, Oakland.
 Day's work. COST, \$17,000
- (498) NO. 9016 SUNNYSIDE, Oakland. One-story 3-room dwelling.
 Owner.....J. H. Starr, 2106 90th Ave., Oakland.
 Architect...None.
 Contractor...M. Trackwell, Sunnyside.
 COST, \$500
- (499) S SEQUOIA AVE 100 E Glen Court, Oakland. One-story 4-room dwelling.
- Owner.....Oscar C. Weston, 17 Echo Ave., Oakland
 Architect...None.
 Contractor...Winge, 62 Rio Vista, Oakland.
 COST, \$1200
- (500) NO. 2020 E-TWENTY-SIXTH, Oakland. Addition.
 Owner.....H. E. Williams, Premises.
 Architect...None.
 Day's work. COST, \$400
- (501) S FIFTY-THIRD 400 E Shattuck Ave., Oakland. One-story five-room dwelling.
 Owner.....D. L. Beatty, 1067 Broadway, Oakland.
 Architect...None.
 Contractor...R. Gunther, 4700 Fairfax Ave., Oakland.
 COST, \$1950
- (502) S AILEEN 66 W Dover, Oakland One-story 6-room dwelling.
 Owner.....Jas. H. Young, 702 Alleen, Oakland.
 Architect...None.
 Day's work. COST, \$1000
- (507) N JAYNE AVE 300 E Lee, Oakland. Garage.
 Owner.....Eugene E. Trefethen, 291 Jayne Ave., Oakland.
 Architect...None.
 Contractor...Bruce B. Burnett, 208 Pantages Bldg., Oakland.
 COST, \$500
- (508) E LOCKSLEY AVE 200 N Chilton, Oakland. One-story five-room dwelling.
 Owner.....John Benett, 5260 Locksley Ave., Oakland.
 Architect...None.
 Contractor...Roy Allen, 829 52nd, Okd.
 COST, \$2000
- (509) E PRINCETON 240 N Fairfax, Oakland. One-story 5-room dwlg.
 Owner.....A. Arfsten, 3032 E-12th, Oakland.
 Architect...None.
 Contractor...J. J. Costodio, 1704 55th Ave., Oakland.
 COST, \$1800
- (510) W RHODA AVE 250 N Carmel, Oakland. One-story three-room dwlg.
 Owner.....G. S. Henry, 3420 Wilson Ave., Oakland.
 Architect...None.
 Contractor...J. A. Leithmann, 2474 Montana, Oakland.
 COST, \$1000
- (511) NO. 1445 BROADWAY, Oakland. Alterations.
 Owner.....Dr. Geo. Pardee.
 Architect...None.
 Lessee...Rabjohn & Morcom, 412 14th, Oakland.
 COST, \$400
- (512) W BROADWAY 234 N 29th, Oakland. One-story brick and frame creamery.
 Owner.....F. E. Miller, 1724 Telegraph Ave., Oakland.
 Architect...A. P. Yerrick, Blake Bldg Oakland.
 Contractor...J. O. Price, 231 Blake Bldg Oakland.
 COST, \$4224
- (513) W MONTECITO AVE 300 N Bay Pace, Oakland. Two-story 4-room flats.
 Owner.....Fred K. Hennings, 600 Alice, Oakland.

BUILDING AND INDUSTRIAL NEWS.

Contractor... S. J. Sawyer, 11 Phelan Bldg., San Francisco.
Contractor... J. R. Sprague, 1632 46th Ave., Oakland.
COST, \$7000

(104) W RICHMOND AVE 224 S 24th, Oakland. One-story brick garage.
Owner... F. W. and J. H. Gaigens, 1530 Grove, Oakland.
Architect... J. H. Bochner, Delger Bldg., Oakland.
Contractor... Alfred Legault, 2929 West, Oakland.
COST, \$3600

(515) NO. 345 LENOX AVE, Oakland Garage.
Owner... W. M. Der Val, Premises.
Architect... None.
Contractor... F. E. Allen, 468 23th, Okd.
COST, \$500

(516) NOS. 711-713 HARRISON, Oakland. Repairs.
Owner... Myers & White, 17th and Broadway, Oakland.
Architect... None.
Contractor... P. T. Kennedy, 954 Rose Ave., Oakland.
COST, \$450

(517) NO. 138 EIGHTH, Oakland. Alterations.
Owner... Walter Watson, 811 Broadway, Oakland.
Architect... None.
Contractor... P. T. Kennedy, 954 Rose Ave., Oakland.
COST, \$800

(521) LOT 28 BL. K "A" Piedmont Vista Oakland. All work for one-story and basement and attic frame dwelling.
Owner... Hiram R. Jones, Piedmont.
Architect... None.
Contractor... F. E. Allen, 468 34th, Okd. Filed Feb. 21, '13. Dated Feb. 20, '13.
Frame up 14
Brown coated 14
Completed and accepted 14
Usual 35 days 14
TOTAL COST, \$3150
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
456	Downie	Peake	450
457	Whitlich	Grant	1200
458	Bruce	Bruce	400
459	Ingels	Ingels	1200
460	Pfrang	Pfrang	2000
461	Same	Same	200
462	Same	Same	2000
463	Same	Same	2000
464	Penning	Richter	600
465	Hinch	Hinch	2500
466	Michel	Michel	1500
467	Michel	Michel	1500
468	Scoggin	Scoggin	4000
469	Bosch	Porter	400
470	Macgregor	Poree	1100
471	Ghirardelli	Antony	4500
472	Williams	Hicks	1250
473	Holmes	Anderson	1325
474	Cal Ink	Moore	1200
475	Holmes	Turner	400
476	Moller	Birmingham	2500
477	Diggs	Diggs	3500
(450) E REGENT 270 S Stuart, Berkeley. Repairs. Owner... Chas. Downie, 2821 Regent, Berkeley. Architect... None. Contractor... F. R. Peake Co., 2127 University Ave., Berkeley. COST, \$450			

(457) S KITTREDGE 150 E Grove, Berkeley. One-story 4-room dwlg

Owner... J. H. Whittich, 2014 Center Berkeley.
Architect... L. S. Tibballs, 750 Sanchez, San Francisco.
Contractor... J. H. Grant and W. G. Parker, 1164 Hanover and 842 E-17th, Oakland.
COST, \$1200

(158) N DELAWARE 215 E Chestnut, Berkeley. Two-story factory.
Owner... Bruce Lumber & Mill Co., 1291 Delaware Berkeley.
Architect... None.
Day's work.
COST, \$400

(459) S HEARST 289 W Sacramento, Berkeley. One-story 4-room dwlg.
Owner... Erik A. Ingels, 1433 Hearst Ave., Berkeley.
Architect... None.
Day's work.
COST, \$1200

(460) W DELAWARE 258 9-12 W McGee, Berkeley. One-story 5-room dwelling.
Owner... C. J. Pfrang, 5454 Shafter Ave., Berkeley.
Architect... None.
Day's work.
COST, \$2000

(461) N DELAWARE 225 N McGee, Berkeley. One-story 5-room dwlg.
Owner... C. J. Pfrang, 5455 Shafter Ave., Berkeley.
Architect... None.
Day's work.
COST, \$2000

(462) N DELAWARE 326 W McGee, Berkeley. One-story 5-room dwlg.
Owner... C. J. Pfrang, 5455 Shafter Ave., Berkeley.
Architect... None.
Day's work.
COST, \$2000

(463) N DELAWARE 292½ W McGee, Berkeley. One-story 5-room dwlg.
Owner... C. J. Pfrang, 5455 Shafter Ave., Berkeley.
Architect... None.
Day's work.
COST, \$2000

(457) NW CEDAR & SIXTH, Berkeley. Complete upper story.
Owner... Henry Penning, 1528 6th, Berkeley.
Architect... None.
Contractor... T. C. Richter, 1912 Vine, Berkeley.
COST, \$600

(488) W KING 165 S Ashby Ave., Berkeley. One-story 5-room dwelling.
Owner... J. T. Hinch, 1542 Broadway, Berkeley.
Architect... None.
Day's work.
COST, \$2500

(489) NE MABEL AND SIXTY-SIXTH, Berkeley. One-story 4-room dwlg.
Owner... Adolf Michel, 1092 66th, Oakland.
Architect... None.
Day's work.
COST, \$1500

(490) E MABEL 130 N 66th, Berkeley. One-story 4-room dwelling.
Owner... Adolf Michel, 1092 66th, Berkeley.
Architect... None.
Day's work.
COST, \$1500

(491) E CLAREMONT AVE. opp Ashby Ave., Berkeley. One-story Class "C" garage.
Owner... F. M. Scoggin, 2512 Ashby Ave., Berkeley.
Architect... A. Merrill Bowser, 1007 Broadway, Oakland.
Day's work.
COST, \$4000

(492) S MONTEREY AVE W Alameda being Lot 34 Blk 3, Northbrae, Berkeley. All work for second story of frame residence.

Owner... Mr. Henry and Mrs. Edna Almira Bosch Jr., Bkly.
Architect... John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor... Porter Bros., Berkeley.
Filed Feb. 18, '13. Dated Feb. 13, '13.
Deed to Lot 11 Bk 3 Case Tract, Bkly., subject to single mortgage not in excess of \$500 at completion
TOTAL COST, \$400
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(493) E SHATTUCK AVE, bet Alston Way and Kittredge, Berkeley. All work for one-story addition to brick building.

Owner... Lucy W. G. MacGregor, Berkeley.
Architect... None.
Contractor... Porter Bros., Berkeley.
Filed Feb. 18, '13. Dated Feb. 17, '13.
Brick work completed \$265
Completed and accepted 365
Usual 35 days 370
TOTAL COST, \$1000
Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(502) N PLAZA DRIVE 300 E Encina Place, Berkeley. Two-story 8-room dwelling.
Owner... Gladys O. Ghirardelli, 2765 Prince, Berkeley.
Architect... Sidney E. Newsom, Nevada Bank Bldg., S. F.
Contractor... Anthony & Heyer, 465 Moss Ave., Oakland.
COST, \$4500

(504) S ASHBY AVE 120 E San Pablo Ave., Berkeley. One-story five-room dwelling.
Owner... Mrs. H. E. Williams, 526 36th Oakland.
Architect... None.
Contractor... A. L. Hicks, 5719 Dover, Oakland.
COST, \$1250

(505) S RUSSELL 340 E San Pablo Ave., Berkeley. One-story five-room dwelling.
Owner... A. Holmes, Rust, P. O.
Architect... None.
Contractor... S. W. Andersen, 2114 E-30th, Oakland.
COST, \$1325

(506) W FOURTH 200 N Camella, Berkeley. One-story one-room corrugated iron still.
Owner... California Ink Co., Third and Camella, Berkeley.
Architect... None.
Contractor... Moore & Burlingame, 2432 Grant, Berkeley.
COST, \$1200

(518) N FOREST AVE 430 E Piedmont Ave., Berkeley. One-story one-room garage.
Owner... E. Clarence Holmes, 2829 Forest Ave., Berkeley.
Architect... Albert Farr, Oakland Ave Piedmont.
Contractor... Turner, 2829 Forest Ave., Berkeley.
COST, \$400

(519) W ADELIN 150 N Ashby Ave., Berkeley. Two-story 2-room dwlg.
Owner... Mr. Muller, 2966 Adeline, Berkeley.

rchitect...None.
 ntractor...H. D. Birmingham, 3005
 Fulton, Berkeley.
 COST, \$2500

(20) S RUSSELL 450 W Claremont
 Ave., Berkeley. Two-story 8-room
 dwelling.
 wner...Marshall-Diggs, 2967 Ava-
 lon, Berkeley.
 rchitect...C. M. Cook, Rialto Bldg.,
 San Francisco.
 ay's work. COST, \$3500

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Am't.
71	Strang	Strang	2000
72	Woodbury	Dufour	500
73	Co-Op Bldg	Owner	2000
74	MacGregor	MacGregor	1800
75	Same	Same	1800
471	N.O. 1368 BURBANK, Alameda.		
One-story 5-room dwelling.			
Owner...	V. N. Strang, 2015 13th Ave		
	Oakland.		
Architect...None.			
Day's work.		COST, \$2000	
(472) NO. 1413 EVERETT, Alameda.			
Alterations.			
Owner...	Clark G. Woodbury, Prem.		
Architect...None.			
Contractor...	Wm. Dufour, 2528 Santa		
	Clara Ave., Alameda.		
		COST, \$5000	

(473) NO. 3295 CENTRAL AVE., Ala- meda. One-story dwelling.	Owner...Co-Operative Bldg. Co., 3014 Central Ave., Ala.	
Architect...None.		
Day's work.		COST, \$2000
(474) NO. 639 BUENA VIST AVE, Ala- meda. One-story dwelling.		
Owner...	C. M. MacGregor, 470 13th, Oakland.	
Architect...None.		
Day's work.		COST, \$1800
(475) NO. 641 BUENA VISTA AVE., Alameda. One-story dwelling.		
Owner...	C. M. MacGregor, 470 13th, Oakland.	
Architect...None.		
Day's work.		COST, \$1800

COMPLETION NOTICES.

ALAMEDA COUNTY.

Feb. 17, 1913—S 37 FT. 7 1/2 IN. LOT
 35 Blk 11 Map of Lands of Regent
 St. Homestead Ass'n, Bkly. George
 W. Hughes to Paul E. Woodburn.
Jan. 18, 1913

Feb. 17, 1913—LOT 83 Piedmont-by-
 the-Lake Tract, Okd. John J.
 Hammond to Anderson & Lundberg
Feb. 12, 1913

Feb. 17, 1913—LOT 11 North Chris-
 tianity Tract, Bkly. Peake-Munro
 Co to F R Peake.Feb. 14, 1913

Feb. 17, 1913—LOT 12 North Chris-
 tianity Tract, Bkly. Peake-Munro
 Co to F R Peake.Feb. 13, 1913

Feb. 18, 1913—N TWELFTH 100 E
 Franklin E 50xN 100, Okd. Martin
 E Marks to Carnahan & Mumford
Feb. 13, 1913

Feb. 18, 1913—S 1/2 BLK 1 Bishop
 Subdivision Piedmont Park, Pied-
 mont. R W Kinney to Oliver
 Duval & Son.Jan. 25, 1913

Feb. 18, 1913—S 1/2 BLK 1 Bishop's
 Subdivision Piedmont Park, Pied-

mont. R W Kinney to Oliver
 Duval & Son.Jan. 25, 1913

Feb. 18, 1913—LOT 11 BLK "N" Har-
 mon Tract N Ashby Ave 150 E Cal-
 ifornia, Bkly. R E Cotter to Erns-
 berger & Diddle.Feb. 15, 1913

Feb. 18, 1913—W CAMPBELL 20 N
 10th N 30xW 70, Okd. Marie and
 Jacob Barlin to Henry Ahnfeldt.
 Feb. 19, 1913—SE BARTLETT AVE
 53.25 SW Graffian SW 38xSE 100,
 Okd. Claude Scheek to whom it
 may concern.Feb. 11, 1913

Feb. 19, 1913—SE BARTLETT AVE
 91.25 SW Graffian SW 37xSE 100,
 Okd. Claude Scheek to whom it
 may concern.Feb. 11, 1913

Feb. 20, 1913—LOT 26 BLK "F" Map
 Mastick Park, Ala. Mark T Cole
 to whom it may concern.Feb. 17, 1913

Feb. 20, 1913—LOT 14 North Chris-
 tianity Tract, Albany. Peake-
 Munro Co to F R Peake.Feb. 15, 1913

Feb. 20, 1913—NE PALA AVE AND
 Monte Ave N along Monte Ave
 117.72 E 125 S 130.98 W 125.75,
 Piedmont. A H Higgins to J H
 Dingwell.Feb. 20, 1913

Feb. 21, 1913—ALL LOT 15 BLK 27
 and Lot 14 Blk 27 which SW line
 parallel to SW line Lot 14 and dis-
 tant at L 15 NE therefrom, Hav-
 encourt, Okd. Extension Bldg Co
 to R H Van Sant.Feb. 20, 1912

LIENS FILED.

ALAMEDA COUNTY.

Feb. 15, 1913—SW LINDA AVE and
 SE Glen Ave SW along Glen Ave
 40 SE 110 NE 47.50 NW 110.20, Okd.
 Pacific Mfg Co vs Joseph Gavello
\$236.10

Feb. 15, 1913—LOT 11 Map Cunha &
 Walker Pty, Brooklyn Tp. Brit-
 tain & Co vs B J Radcliffe.\$29.50

Feb. 18, 1913—SE BUENA VISTA AVE
 and Foley E along Buena Vista
 Ave 66 2-3xS 100, Ala. M Mazzini
 vs L Gottheim\$121.82

Feb. 18, 1913—SE BUENA VISTA AVE
 66 2-3 E Foley E 32 1-3xS 100, Ala.
 M Mazzini vs L Gottheim\$46.85

Feb. 18, 1913—W AYALA AVE 132.53
 N Herman N 64 W 97 S 71.42 E
 65.40, Okd. Standard Supply Co s
 William H Robinson.\$124

Feb. 19, 1913—LOT 10 Bachelor Tct.
 Oakland Tp. Pacific Architectural
 & Engineering Co vs Parthena D
 and Blinn S Bryant.\$107.50

Feb. 21, 1913—SE FRUITVALE AVE
 579.62 NE E-14th SE 165 SW 60 SE
 100 SW 35 NW 130 NE 50 NW 135
 NE 45, Okd. Inlaid Floor vs M
 J Medina and Alexander Mc-
 Donald\$78.27

Feb. 21, 1913—LOT 11 Map Cunha &
 Walker Pty, Brooklyn Tp. Cali-
 fornia Door Co \$204.60; George
 Berkel, \$87.25; J J Douglass and
 Clifford Meikel (Crescent Fix-
 ture Co), \$57.70; G H Andrews, \$25;
 C W Hamilton, \$43.25; F J Keegan,
 \$139.62 vs B J Radcliffe.

SAN JOSE AND THE SANTA CLARA VALLEY.

COTTAGES—3, 1 story and base.
 frame, \$2,000 each. San Jose. Santa
 Clara Co., Cal. Architect, none. Own-
 er, E. Hiatt, 24 Brooks Ave., San Jose.
 These houses will be erected in va-
 rious parts of the city. Each will con-
 tain five rooms and bath. At interior
 finish will be of pine and redwood, Oak

floors will be used in the living and
 dining rooms. There will be open fire
 places and tile or brick mantels. The
 exteriors will be covered with rustle-
 shingles and cement plaster. Plans are
 in the hands of the owner and the
 work will be done by Day Labor.

SCHOOL—1 story and base, rein-
 forced concrete, \$35,000. Burlingame,
 San Mateo Co., Cal. Architect, W H
 Weeks, 75 Post St., S. F. Owners, Bur-
 lingame School District. Plans for a
 new school which is to be erected in
 Burlingame have just been accepted
 by the Board of School Trustees. There
 will be four class rooms. A central
 heating system is to be installed. In-
 terior of the building will be finished
 in pine. Maple floors will be used. The
 exterior of the structure will be faced
 with cement plaster. A red clay tile
 roof is specified. Plans will be complet-
 ed as rapidly as possible and bids will
 be called.

Building Contracts.

SANTA CLARA COUNTY.

E EIGHTH, 2nd Lot S of San Carlos,
 San Jose. Five-room cottage.
 Owner...Edwin Comer, Premises.
 Architect...None.
 Day's work. COST, \$1800

NO. 38 S-MARKET, San Jose. Re-
 modeling store front.
 Owner...B. Myers & Sons, Premises
 Architect...None.
 Day's work. COST, \$400

ADJOINING GOLDEN GATE CAN-
 nery, 92 feet on Third and extending
 through to Fourth St., San Jose.
 Carpenter work on warehouse.
 Owner...H. B. Martin & Co, 65 S-
 Market, San Jose.
 Architect...Geo. W. Page, 51 Rea Bldg.,
 San Jose.

Contractor...J. H. Miller, San Jose.
 Filed Feb. 18, '13. Dated Feb. 18, '13.
 As work progresses. 75%
 Usual 35 days. 25%
 TOTAL COST, \$1990

Bond, \$1000 Surety, Fidelity & De-
 posit Co. of Maryland. Limit, 50 work-
 ing days. Forfeit, none. Plans and
 specifications filed.

BRICK WORK ON ABOVE.

Contractor...E. F. Smith, San Jose.
 Filed Feb. 18, '13. Dated Feb. 17, '13.
 Wall up scaffold high all around. \$500
 Walls up 2 scaffold high all
 around. 500
 Walls up 3 scaffold high all
 around. 500
 Wall up 4 scaffold high all
 around. 500
 Usual 35 days. 665
 TOTAL COST, \$2665

Bond, \$133250. Surety, Fidelity & De-
 posit Co. of Maryland. Limit, 30 work-
 ing days. Forfeit, none. Plans and
 specifications filed.

Completion Notices.

SANTA CLARA COUNTY

RECORDED ACCEPTED
 Feb. 18, 1913—SECTION 12 AND 13
 twp South Range 2 West, West of
 Town of Saratoga. Eri H Richard-
 son (Brick and tile) contract.
Jan. 4, 1913

Feb. 15, 1913—VINE NO. 129, San Jose.
 A Bressani to J B Lamb. Feb. 13, '13

Feb. 13, 1913—W WARE AVE about

of 1/2 mile S of dry creek road.
 Mrs. S. G. Roy to P. J. Schmidt.....
Feb. 3, 1913
 Feb. 10, 1913—SE NINTH & MARGA-
 ret, San Jose. Annie M. Swertner
 to J. B. Lamb.Feb. 10, 1913

Liens Filed.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 Feb. 19, 1913—FIFTH ST. near Elgle-
 bury, Gilroy. S. S. McLeod vs How-
 ard Willey\$315

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL—3 story and base, brick.
 Cost not stated. Richmond, Contra
 Costa Co., Cal. Architect, Sidney R.
 Newsum, Nevada Bank Bldg., S. F.
 owner's name withheld. Preliminary
 plans are being prepared for a three-
 story commercial structure, which will
 shortly be erected on McDonnell avenue.
 There will be stores and the hotel
 lobby on the first floor and in the
 neighborhood of 60 rooms on the upper
 floors. The building will cover an
 area of 30x112 feet. Interior finish will
 be of pine and redwood. A central
 heating system and hot water plant
 will be installed. The exterior will
 probably be faced with pressed brick.
 Plans are still in the preliminary state.

CITY HALL—2 story and base, brick
 and steel, \$35,000. Santa Rosa, Sono-
 ma Co., Cal. Architect, L. M. Turton.
 Napa. Owners, City of Santa Rosa.
 Bids for the construction of this build-
 ing were opened by the City Council
 on February 18th. The work was seg-
 regated and no report of the lowest
 man has been received. All bids for
 the work will be found in this issue
 under Marin, Contra Costa and Sonoma
 counties.

Contracts Awarded.

CITY HALL—2 story and base, brick
 and steel, \$10,000. Santa Rosa, Sono-
 ma Co., Cal. Architect, L. M. Turton.
 Napa. Owners, City of Santa Rosa.
 The following contracts for this struc-
 ture have been awarded by the City
 Council:

Gallagher & Wygant, S. F., general
 construction, \$24,250.

Ralston Iron Works, S. F., structural
 steel, \$4,253.

M. G. West Co., S. F., vault and cell
 work, \$2,766.75

John G. Sutton Co., S. F., heating,
 \$1,770.

Bids For City Hall At Santa Rosa Opened.

Separate Bids for General Construction, Heating, Structural Steel and Vault and Cell Work.

Bids for the construction of the new
 City Hall at Santa Rosa were opened
 on the 18th by the Board of Trustees
 and all figures were taken under ad-
 visement until the next meeting of the
 Board, which will be held on Thursday
 evening. The building is to be a two-
 story and basement steel frame struc-
 ture with exterior walls of pressed
 brick. Plans were prepared by Archi-
 tect L. M. Turton of Napa. Gallagher
 & Wygant of this city presented the

lowest bid for the general construc-
 tion. Separate figures were taken for
 the steel work, heating and vault and
 cell work. The following is a com-
 plete list of the figures as received:

General Construction.

Leech & Waters.....\$28,500
 Burt T. Owsley.....26,629
 J. O. Kuykendall.....26,344
 Gallagher & Wygant.....25,250
 Frank Sullivan (including
 steel work, heating, vault
 and cell work).....37,909
 Geo. Ittely (including steel
 work and heating).....32,400
 Roberts Bros. Co.....26,778
 Wold & Kuhn.....27,800

Structural Steel Work.

Gallagher & Wygant.....\$4,295
 Ralston Iron Works.....4,253
 Schrader Iron Works.....4,765
 Judson Mfg. Co.....5,725
 Brode Iron Works.....4,994
 Pacific Rolling Mills.....5,093
 Western Iron Works.....4,300
 Mortenson Constr. Co.....4,528

Vault and Cell Work.

Gallagher & Wygant.....\$3,500.00
 Ralston Iron Works.....2,828.00
 Judson Mfg. Co.....3,400.00
 M. G. West Co.....2,766.75
 Acme Iron & Wire Works. 3,737.00

Heating.

Charles E. Thomas Co.....\$1,911
 J. E. O'Mara.....1,777
 John G. Sutton.....1,770

Building Contracts.

MARIN COUNTY.

BELVEDERE. All work for one-story
 frame residence.

Owner.....Dr. Florence N. Ward by
 H. L. Burleson, Agt., Hyde
 and Bush, San Francisco.

Architect.....Herbert A. Schmidt, Royal
 Ins. Bldg., San Francisco.

Contractor.....R. L. Turner, 3127 Per-
 alta Ave., Oakland.

Filed Feb. 17, '13. Dated Feb. 8, '13.

Rafters in place.....\$853
 Ready for plastering.....853
 Plastered and sash glazed.....853
 Completed and accepted.....854
 Usual 35 days.....1137

TOTAL COST, \$4550

Bond, \$2275. Sureties, Arthur R. Slater
 and Chas. Bucholtz. Limit, 75 days.
 Forfeit, \$5. Specifications only filed.

SW FOURTH AND CLOS S 105 W 62
 N 105 E 62, San Rafael. All work
 for one-story addition to present
 garage building.

Owner.....W. I. Thayer, San Rafael.
 Architect.....T. O'Connor, San Rafael.
 Contractor.....Jos. P. Williams, San
 Rafael.

Filed Feb. 6, '13. Dated Feb. 5, '13.

Frame up.....\$224.45
 Enclosed and galvanized iron
 on742.45
 Completed and accepted.....342.40
 Usual 35 days.....342.43

TOTAL COST, \$1369.33

Bofid, \$342.45. Sureties, R. W. John-
 son and M. D. Butler. Limit, 25 days.
 Forfeit, \$5. Plans and specifications
 filed.

DEER PARK, Fairfax. All work for
 one-story and basement frame bldg.

Owner.....John Musso.
 Architect.....Emil D. Lecher.

Contractor.....G. Ferroul & Son.
 Filed Feb. 17, '13. Dated Feb. 13, '13.

Frame up, enclosed and roof on \$137

Brown coated and outside com-
 pleted437
 Completed and accepted.....437
 Usual 35 days.....438

TOTAL COST, \$1750

Bond, none. Limit, 60 days from re-
 cording. Forfeit, \$5. Plans and speci-
 fications, none.

NW MADRONE AVE 200 SW fm in-
 tersection of Madrone Ave with E
 line lot W, San Anselmo. All work
 except shades and electric fixtures
 for one-story and basement frame
 building.

Owner.....G. Pagano.
 Architect.....None.

Contractor.....L. N. Devincenzi and M. A.
 Perini.

Filed Feb. 18, '13. Dated Feb. 18, '13.

Rough frame up.....\$575
 Enclosed & ready for plastering 575
 Completed and accepted.....575
 Usual 35 days.....575

TOTAL COST, \$2300

Bond, none. Limit, 60 days from Mar.
 1. Forfeit, plans and specifications,
 none.

Building Contracts.

CONTRA COSTA COUNTY.

AT AVON. All work for brick setting
 for 5 70-h. p. boilers.

Owner.....Associated Oil Company.
 Engineer.....A. F. L. Bell.

Contractor.....J. T. Thorpe & Son, 527
 Anza, San Francisco.

Filed Feb. 19, '13. Dated Jan. 29, '13.

10th of each month.....75%
 Usual 35 days.....25%

TOTAL COST, \$1175

Bond, \$600. Surety, United States Fi-
 delity & Guaranty Co. Limit, forfeit,
 none. Plans and specifications filed.

DRAUGHTSMAN wants position.
 Three years' office experience, 1 1/2
 years' college course. General ex-
 perience. Can give references. ROY C.
 MILLER, 2426 Virginia St., Berkeley,
 Cal.

Completion Notices.

MARIN COUNTY.

RECORDED ACCEPTED
 Feb. 18, 1913—BGE A PT 150 SW

"L" and San Rafael Ave r a S 150

r a E 35 r a parallel with "D" N

150, San Rafael. Harry Fletcher

to Le Corne & Warden Feb. 13, 1913

Feb. 19, 1913—SAN ANSELMO (Mag-
 nolia Tet). The Shield Co to Boyd

& Kerr.....Feb. 8, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BANK—1 story and base, reinforced
 concrete. Cost not stated. Greenville,
 Plumas Co., Cal. Architect, J. B. Og-
 born. Richmond. Owners, Indian Val-
 ley Bank. This building has been men-
 tioned here before when plans were
 first completed. The structure will be
 a fireproof building designed in the
 classic style. Banking quarters will
 be finished in hardwoods, ornamental
 plaster and tile. There will be coin
 and safety deposit vaults. A central
 heating system is to be installed. Be-
 sides the public room, work space and
 vault room, plans provide for a private
 office and directors' room. The ex-
 terior of the building will be faced
 with cement plaster. Plans are con-

te and may be obtained from the architect. Bids will be opened on Feb. 31st.

Contracts Awarded.

APARTMENT HOUSE—1 story and se. brick and steel, \$65,000. Stockton, San Joaquin Co., Cal. Architect, Allen, Phelan Bldg., S. F. Owner, Home Builders' Security and Investment Co. The following contracts have been awarded on this building by architect Allen:

Brick work awarded to A. W. Cowell, Stockton, for \$12,125.

Structural steel awarded to Ralston on Works, San Francisco, for \$5,284. Ornamental iron work awarded to Alley Iron Works, Stockton, \$1,200.

Ornamental cement work awarded to E. Larsen, San Francisco, for \$450. Mill, cabinet work, stairs, glass, awarded to Cotton & Brandt, Stockton, for \$12,398.

Marble and tile awarded to H. P. Scher Marble and Tile Co., Stockton, for \$343.

Plumbing, heating and sheet metal work awarded to Edw. L. Gnekow, Stockton, for \$14,322.

Electric work awarded to the Electric and Machinery Equipment Co. for \$280.

Building Contracts.

SACRAMENTO COUNTY.

1/2 OF LOT 5 AND 5/4 OF LOT 6, U. V. 21st and 22nd Sts., Sacramento. Two-story dwelling and one-story garage.

Owner.....A. A. Merkle. Architect.....Seadler & Hoen, Gerber Bldg., Sacramento

Contractor.....G. S. Hayes. Filed Feb. 15, '13. Dated Feb. 10, '13. COST, \$10,962

60 FT. LOT 6, J, K, 13TH & 14TH STS., Sacramento. Three-story apartment house and one-story garage.

Owner.....J. D. Lauppe. Architect.....Seadler & Hoen, Gerber Bldg., Sacramento.

Contractor.....Lindgren Co., Monadnock Bldg., San Francisco. Filed Feb. 15, '13. Dated Feb. 12, '13. COST, \$41,536

E FIFTH AND J STS., LOT 8, I, J, 5th and 6th Sts., Sacramento. Sheet metal for five-story and basement Class "C" brick building.

Owner.....Young Men's Christian Association.

Architect.....E. C. Hennings, 1005 K St., Sacramento.

Contractor.....Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor.....Frank Ahl and W. J. McLaughlin (Ahl & McLaughlin).

Filed Feb. 13, '13. Dated Feb. 11, '13. COST, \$3150

85 FT. LOT 8, J, K, 14TH & 15TH STS Sacramento. Painting five-story and basement reinforced concrete apartment house.

Owner.....Chauncey Dunn. Architect.....Cuff & Diggs, Elks' Bldg., Sacramento.

Contractor.....Ransome Concrete Co. Sub-Contractor.....Capitol Paint Co.

Filed Feb. 17, '13. Dated Feb. 11, '13. COST, \$1900

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED

Feb. 20, 1913—JEFFREY SHOPS (roof work), Sacramento. Western Pacific Railway Co. to Malott, Peterson & Adams.....Feb. 12, 1913
Feb. 13, 1913—ELEVENTH AND K STS., Sacramento. B. Framer to Latonrette-Fical Co.....Feb. 7, 1913

Building Contracts.

SAN JOAQUIN COUNTY.

SW CALIFORNIA AND JEFFERSON, Stockton. All work for store and flat.

Owner.....Mrs. J. W. Wilkeson. Robert Island.

Architect.....R. P. Morrell, 226-227 Yosemite Bldg., Stockton.

Contractor.....Frank Tucker, 321 North Sierra Nevada, Stockton.

Filed Feb. 8, '13. Dated Feb. 10, '13.

Frame up.....\$800
Plaster completed.....800
Completed.....800

TOTAL COST, \$2400

Bond, \$1800. Sureties, C. Totten and R. C. Brandt. Limit, 40 days. Forfeit, \$5. Plans and specifications filed.

LOTS 10 AND 12 BLK 239 E, Stockton. Addition to frame building.

Owner.....Mrs. H. Jones. Architect.....None.

Day's work. COST, \$3500

LOT 12 BLK 65 E, Stockton. Remodel Pioneer Hall.

Owner.....San Joaquin Investment Co., Stockton.

Architect.....Walter King, Elks' Bldg., Stockton.

Contractor.....T. Lewis, 5 San Joaquin St., Stockton.

Filed Feb. 15, '13. Dated Feb. 10, '13. COST, \$25,000

LOT 6 BLK 186 E, Stockton. Frame building.

Owner.....L. C. Kennedy. Architect.....None.

Day's work. COST, \$1500

NO. 11 E-FLORA, Stockton. Add to frame building.

Owner.....Kyra D. Brien. Architect.....None.

Day's work. COST, \$150

LOT 1 BLK 98 W, Stockton. Frame building.

Owner.....Oscar Eldridge. Architect.....None.

Day's work. COST, \$2000

LOT 13 BLK 78 W, Stockton. Frame bungalow.

Owner.....John Moore, 993 N-Lincoln St., Stockton.

Architect.....None. Day's work. COST, \$2900

LOT 11 BLK 219 E, Stockton. Three-room bungalow.

Owner.....Elizabeth M. Barth. Architect.....None.

Day's work. COST, \$986

LINSAY AND SIERRA NEVADA STS., Stockton. One-story frame bungalow.

Owner.....Frank Tucker, 321 North Sierra Nevada, Stockton.

Architect.....R. P. Morrell, Yosemite Bldg., Stockton.

Day's work. COST, \$2200

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

WAREHOUSE—2 story and base. Brick and concrete. Cost not stated. Fresno, Fresno Co., Cal. Architects, Austin & Pencil, Wright & Callender Bldg., L. A. Owners, Stewart Fruit Co., Fresno. The building will cover and area of 69x125 feet. Construction will call for concrete foundation, concrete floors and brick exterior walls, faced with cement plaster. There will be metal window frames and sash. An automatic sprinkler system will be installed. No interior finish will be specified. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

MUNICIPAL AUDITORIUM—2 story, reinforced concrete, \$35,500. Fresno, Fresno Co., Cal. Architect, W. K. Kirby, Jr., Fresno. Owners, City of Fresno. Contractors McElroy & Higgins, Fresno. Contract price, \$35,500. Two other bids were received for this work, one from H. A. Hansen, Fresno, \$41,887, and the other from Trewhitt & Shields, Hanford, for \$40,816. The contract was awarded to McElroy & Higgins.

Award Contract For Fresno Auditorium.

Only Three Bids Were Received for Finishing Construction of Building But Job is Awarded.

Only three bids were received for the finishing construction of the Rowell Auditorium in Fresno by the City Council on Monday evening, Feb. 17th. The work was estimated to cost \$40,000 and all bids were well within the appropriation. Plans for the building were prepared by Architect C. K. Kirby Jr., of Fresno. This is the second time that the work has been out for figures, all bids received on former plans were in excess of the amount available and plans were revised. The structure is a two-story reinforced concrete building, now partly constructed. Besides being used as an auditorium the building will contain large play grounds and rooms for children. The following is a list of all figures received:

Finishing Construction.

H. A. Hansen, Fresno, .. \$41,887
Trewhitt & Shields, Hanford, 40,846
McElroy & Higgins, Fresno, 35,500
Final action was taken by the City Council and the contract was awarded to McElroy & Higgins for \$35,600.

Building Contracts.

FRESNO COUNTY.

E 100 FEET LOTS 11, 13, 16 BLK 86, Fresno. All work for one-story brick building.

Owner.....Pythian Castle Co., Fresno. Architect.....Starbuck & Clark, Fresno.

Contractor.....D. A. Cowan, Fresno. Filed Feb. 20, '13. Dated Feb. 18, '13.

75% of value of labor and materials (less previous payments) on 1st and 3rd Saturdays of each month.....

Usual 35 days balance..... 25%
TOTAL COST, \$13,600

and, \$4000. Sureties, Wm. Shaw and P. Nielsenberg. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

Building Contracts.

SACRAMENTO COUNTY.

LOT IN EAST LAWN CEMETERY.
Sacramento. Build and erect complete granite mausoleum.
Owner...Philip Scheld, 1165 L St., Sacramento.
Architect...None.
Contractor...I. L. Delano.
Filed Feb. 19, '13. Dated Feb. 13, '13.
COST, \$5300

ELMHURST. Painting, puttying, staining, varnishing and enamelling residence.

Owner...Julius Gattman, Hotel Sacramento.
Architect...Seidler & Hoan, 514 Forum Bldg., Sacramento.
Contractor...C. P. Blankinship, 2712 N St., Sacramento.
Filed Feb. 20, '13. Dated...
COST, \$1015

LOCATION NOT GIVEN. All work for cannery buildings, comprising receiving, preparation, cook, etc.

Owner...Libby, McNeill & Libby, Corporation.
Plans by...Philip Larnon Price.
Contractor...Thos. Day's Sons, Monadnock Bldg., San Francisco.
Filed Feb. 21, '13. Dated Jan. 7, '13.
COST, \$127,790

TWO BUILDINGS KNOWN AS CAN factory and can storage building on above.

Contractor...Thos. Day's Sons, Monadnock Bldg., San Francisco.
Plans by...Philip Larnon.
Filed Feb. 21, '13. Dated Jan. 7, '13.
COST, \$53,600

LOTS 1 AND 2 BLK 1, Leona Heights Fresno. All work for frame dwlg.

Owner...Mamie G. Victor, Fresno.
Architect...None.
Contractor...Ed. T. Temple, Fresno.
Filed Feb. 18, '13. Dated Feb. 14, '13.
Walls up...\$598
Roofed and plastered...598
When completed...598
Usual 35 days...598
TOTAL COST, \$2392

Bond, \$1196. Sureties, V. J. Cox and J. A. Dake. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

NE ¼ OF SW ¼ OF SEC 25 TP 13 S range 18 E M D B and M. All work for frame dwelling.

Owner...Wm. and Mary Onver, Kerman.
Architect...None.
Contractor...Christian Tedsen, Fresno
Filed Feb. 15, '13. Dated Feb. 10, '13.
In 15 days...\$500
In 30 days...500
In 45 days...500
In 60 days...400
TOTAL COST, \$1900

Bond, none. Limit, 60 working days. Forfeit, none. Specifications only filed.

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Feb. 11, 1913—LOT 103, San Pablo

Rancho. Thos Farlinger vs Madero
Glinocchio\$26.65
Feb. 13, 1913—LOT 103, San Pablo
Rancho. E M Maloney vs Madero
Glinocchio\$150

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Feb. 13, 1913—2½ ACRES IN SE Cor
Swamp and Overflow Land Survey
No. 171. W E Berry to The Jud-
son Dynamite & Powder Co and E
N Congdon and R Wriedt.....\$42.20

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, George M. Saston, Los Angeles Investment Bldg., L. A. Owner, Oscar Willson. The building will cover an area of 51x108 feet and will contain 49 rooms arranged in 20 suites with baths and wall beds. Interior finish will be of pine and redwood with some hardwood floors. There will be steam heat, vacuum cleaning and a hot water system. The exterior of the building will be faced with pressed brick. Metal window sash and frames are specified. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, R. R. Young & Son, Lankershim Bldg., L. A. Owner, W. W. Middlecoff. The building is to be erected on an inside lot. will be arranged for 90 rooms divided into two and three room suites. There will be wall beds, private baths and steam heat. Interior finish will be of pine throughout. Plans also include a vacuum cleaning system, elevator service and metal window sash and frames. The exterior of the structure will be faced with pressed brick. Plans are complete and figures are now being taken by the architects.

APARTMENT HOUSE—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architects, Ye Plantry Building Co., Title Insurance Bldg., L. A. Owner, Dr. E. C. Manning. The building will contain 75 rooms which are to be arranged in two and three room suites with wall beds and private baths. There will be steam heat, elevator service, a hot water system and a vacuum cleaning plant. Interior finish will be of pine, redwood and some hardwood. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—4 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner, M. E. Balisier. The building will have a street frontage of 55 feet and a depth of 171 feet, and will contain 116 rooms arranged in two and three room suites. There will be wall beds and private bath rooms for each of the apartments. The interiors will be finished in hardwood and pine. Besides the suites the building will contain a large lobby, amusement room and laundry. There will be steam heat, elevator service, a vacuum cleaning plant and dumb waiters. Entrance will be finished in marble and tile.

The will also be used in the bath rooms. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—4 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect J. E. Borgmeyer, Stimson Bldg., L. A. Owner, Julius R. Smith. The building will cover an area of 50x150 feet, and will contain 100 rooms arranged in two and three room suites with private baths and wall beds. There will also be a large amusement room, parlors, lobby and playroom. Plans include steam heat, elevator service, a vacuum cleaning system, dumb waiters and a hot water plant. Interior finish will be of pine and hardwoods. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick and terra cotta. A complete steel frame will be used. Plans are being prepared.

GARAGE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, J. A. Graves. The building has been designed for a commercial garage. The front portion of the building will be arranged for a sales room, floor will be of tile. Concrete floors will be used throughout the rest of the building. Interior trim will be of hardwoods and pine. Metal window sash and frames will be used. Considerable structural steel is specified. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken. Separate bids are wanted for plumbing, electric wiring and elevators.

WAREHOUSE—5 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Supervisor Baum, of the City Board of Education, L. A. Owners, City of Los Angeles. The building is to be located on San Pedro street and will cover a considerable ground area. Construction will be fireproof throughout. Metal window sash and frames will be specified. There will be elevator service and modern plumbing. Floors will be of concrete. Interior finish is to be of metal and pine. An automatic sprinkler system will be installed. The exterior of the building will be faced with cement plaster. Plans are being prepared and official bids will be advertised for within a few weeks.

HOTEL—3 story and base, brick and concrete. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, A. W. Rhodes. The building will cover an area of 60x140 feet, and is to be arranged with stores on the first floor and in the neighborhood of 50 rooms and 25 baths on the upper floors. Interior finish will be of pine and redwood with some oak in the lobby. There will be steam heat, a hot water system and vacuum cleaning. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the architects.

HOTEL—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Peter W. Ehlers, Delta Bldg., L. A. Owner, Charles R. Cates. The building is to cover an area of 38x146 feet and will contain a total of 100 guest rooms. There will be a number of public baths on each floor. Interior finish will be of pine, redwood and

one hardwood. Plans include a central heating system, vacuum cleaning, elevator service and steam heat. Ornamental plaster will be used in the entrance and lobby. The exterior of the building will be faced with pressed brick. Plans are being prepared.

MUSEUM BUILDING—1 story and ase, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, unit & Burns, Laughlin Bldg., L. A. Owners, Southwest Museum. Contractors, C. J. Kubach Co., Pacific Electric Bldg., L. A. Contract price not stated. Note: This is the first of a group of buildings which has been planned by this institution and contracts for the balance of the work will follow shortly.

SCHOOL GYMNASIUM BUILDING—rick, \$60,000. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Hilbernan Bldg., L. A. Owners, Santa Monica Polytechnic High school. This building will have concrete foundations, brick walls, faced with tapestry brick, maple floors, modern plumbing, including shower baths and a central heating system. Besides the building there will be an athletic field surrounded by a brick wall ten feet in height, with two ornamental gates of brick and stone. Plans for this work are complete and figures will be called for at once.

STORES AND PICTURE THEATRE—3 story and base, brick. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, Frank T. Kegley, Jr., Consolidated Realty Bldg., L. A. Owners, Messrs. Stinemman & Kramer. The building has been designed to contain several stores and a motion picture theatre on the first floor and rooms on the floors above. Interior finish will be of pine and redwood. A central heating system and hot water plant will be installed. There will be fire escapes and pressed brick facing. Plans are complete and figures are being taken.

STORES AND OFFICES—3 to 10 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, F. W. Braun. The proposed structure is to be erected on Broadway between 8th and 9th streets, and will cover an area of 50½x158 feet. Only preliminary plans have been prepared and the owner is not decided on the height to which the building will be carried, in any case the structure will be of the Class A type. The first floor will be arranged for modern stores and upper floors for offices. A lease on the site is pending. The exterior of the building will probably be faced with cement plaster. Full particulars will be given in these columns as the plans progress.

STORES AND LOFTS—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owners, George W. Walker and A. Fleishman. The building will be erected on Broadway and will have a frontage of 50 feet and a depth of 140 feet. The first floor will be arranged for two stores. There will be patent store fronts, plate glass windows and hardwood trim. The upper floors will be arranged for light lofts. There will be elevator service and fireproof doors. Metal window sash and frames are specified. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

HOTEL—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Joseph P. Rhodes, Central Bldg., L. A. Owner, Eugene Pourrey. Contractor, Joseph P. Rhodes, Central Bldg., L. A. Contract price not stated. Note: This building will contain a total of 65 rooms.

HOTEL—3 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, none. Owner, William S. Hook. Contractors, Richard-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price not stated. Note: This building will contain 69 rooms and cover an area of 50x115 feet.

CONSERVATORY AND PALM HOUSES—Class A construction, \$210,000. Los Angeles, Cal. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owner, E. L. Debeney. The following contracts for this work have been awarded: Concrete, masonry and carpenter work to James H. Jacobs & Co., granite to Bly Bros., skylights and sheet metal work to the California Corncor Works, structural steel to Leewhy Iron Works, interior finish to Weber Showcase and Fixture Co., marble and tile work to Joseph Wessolme,

site of the old Grand and Seattle theatres in Tacoma. Construction will be fireproof, throughout with concrete foundations, floor, walls and roof slabs. Interior finish will be of metal, marble and tile. The exterior of the building will be faced with cement plaster. Plans are being prepared.

THEATRE—Class A construction, \$250,000. Seattle, Wash. Architect, Max Umbrecht, Globe Block, Seattle. Owner, Eugene Levy Grand Opera House. Mr. Levy has just instructed his architect to complete preliminary sketches for a new and modern picture and vaudeville theatre building which is to be erected at once on property in 3rd avenue. Details of the construction have not been settled and cannot be given at this time. Further mention of the work will be made in these columns as the plans progress. Mr. Levy hopes to have plans out for figures by April 15th.

Contracts Awarded.

JAIL—2 and 3 story and base, reinforced concrete, \$223,165. Victoria, B. C. Architect, W. Ridgeway Wilson, Victoria. Owners, City of Victoria. Contractors, British Columbia Construction and Engineering Co., Victoria. Contract price, \$223,165.

SEATTLE AND WASHINGTON.

SCHOOL—2 story and base, brick, \$50,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, City of Tacoma. Plans have been ordered for another two-story school building containing from eight to ten class rooms, and which will be known as the Hawthorne School. There will be a central heating system and modern plumbing. Interior will be finished in pine and hardwoods. There will be an assembly hall besides the class rooms. Exterior will probably be faced with pressed brick. The architects have started the working drawings.

STORES AND LOFTS—Brick and steel construction, \$50,000 and \$45,000. Seattle, Wash. Architects, Behl & Mendel, Haight Bldg., Seattle. Owners, Times Bldg. and Denny Bldg. Both of these structures were recently badly damaged by fire and plans for the rebuilding of the damaged portions of both buildings will be prepared by the above named architects. This work will include plastering, interior trim, new plumbing and electric work. But little exterior facing in either case is to be restored. Plans for the work will be completed as rapidly as possible and bids will be called.

PASSENGER STATION—2 story and base, reinforced concrete, \$500,000. Prince Rupert, B. C. Architect, David J. Meyers, Central Bldg., Seattle. Owners, Grand Trunk Pacific R. R. Co. Under the direction of Consulting Engineer Virgil Fague plans have been prepared for the big passenger station at the western terminus of the new transcontinental line. Construction will be of reinforced concrete throughout. Bids will be called for within a short time for this work.

THEATRE—1 story and base, reinforced concrete, \$50,000. Tacoma, Wash. Architect, Max Umbrecht, Globe Block, Seattle. Owner, Eugene Levy. The new building, which is to be designed for a modern moving picture theatre, will be erected on the

PORTLAND AND OREGON.

APARTMENT HOUSE—1 story and base, brick and steel, \$100,000. Portland, Ore. Architects, Clausen & Clausen, Portland. Owner, Dr. W. L. Wood. The building is to be erected on a corner lot and will cover an area of 100 feet square. Suites will be arranged in two and three rooms each with wall beds and private baths. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service and a vacuum cleaning system. Tile and composition floors will be used in the bath rooms. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for shortly.

NOTICE TO CREDITORS.

IN THE DISTRICT COURT OF THE UNITED STATES IN AND FOR THE SOUTHERN DISTRICT OF CALIFORNIA.

IN THE MATTER OF G. H. GIBSON, doing business under the firm name of PHOENIX IRON & SHEET METAL WORKS, otherwise PHENIX IRON & SHEET METAL WORKS, bankrupt.

No. 7939 in Bankruptcy.

Take notice, that G. H. GIBSON, doing business under the firm name of PHOENIX IRON & SHEET METAL WORKS, otherwise PHENIX IRON & SHEET METAL WORKS has been duly adjudicated bankrupt under the Act of Congress of July 1, 1898, and that the first meeting of the creditors has been called to meet at the office of the undersigned in the U. S. Post office and Court House Building, San Francisco, California, on Saturday the 8th day of March, 1912, at the hour of 10 o'clock a. m., for the purpose of proving their claims against the estate of said bankrupt, and examining said bankrupt, and that at the same time and place all creditors whose claims have been duly proven and allowed shall appoint one or three trustees of said estate, and also may consider whether such trustee or trustees shall be authorized to sell the property of the estate.

Claims must be prepared in form required by the Bankruptcy Act, and sworn to.

Dated, San Francisco, Feb. 24, 1912.
ARMAND B. KREFT,
Referee in Bankruptcy in and for the City and County of San Francisco.

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PORTLAND CEMENT IN 1912.

Estimate by United States Geological Survey Shows Increase of Three and One-Half Million Barrels.

According to returns received by the United States Geological Survey up to January 15, 1913, it is estimated by Ernest F. Burchard, of the Survey, that the total quantity of Portland cement manufactured in the United States in 1912 was approximately 31,941,995 barrels. It is believed that this estimate is within 1.5 per cent of the exact figure. This quantity represents an increase of 3,413,261 barrels over the 78,328,637 barrels manufactured in 1911, or 4.3 per cent. The shipments of Portland cement during 1912 are estimated at 34,750,291 barrels, compared with 75,547,829 barrels in 1911, an increase of 3,202,462 barrels, or 12.2 per cent. The production in 1912 was thus held in check sufficiently to permit a material reduction in the stocks of cement at the mills at the close of 1911, which amounted to nearly 12,000,000 barrels.

The continued increase in the production of Portland cement is significant in view of the fluctuations in the output of other leading mineral products such as coal, iron, and copper. The curve of production of Portland cement, although not now rising at so rapid a rate as during 1909 and 1910, is still pointing upward and has yet to take its first downward drop.

Business Conditions and Prices.

Practically all mills report having to contend with adverse business conditions during the first six months of the year. Prices were lower than the average for 1911 during this period, and some plants reported that lowest prices for which they had ever sold cement. After the middle of the year conditions improved materially and generally during the last four months of 1912 the demand for Portland cement was sufficient to keep most mills running at full capacity. In the Lehigh district production was curtailed slightly in order to diminish accumulated stocks. Production and shipments in New York show the greatest proportionate increase of all districts. In the Southeastern States the increase in production and shipment was gratifyingly large, as it was also in the vicinity of Chicago, Ill., and in Iowa and Missouri.

Certain plants in Kansas were much hampered by the failure of the supply of natural gas, and were obliged to shut down temporarily while installing coal-burning devices. This feature contributed to the decrease in production in the Great Plains States. In the Pacific Coast States and in certain of

the Rocky Mountain States production did not keep pace with that of 1911, owing to the lack of demand for cement for large public works.

The average price for the whole country of Portland cement per barrel in bulk at the mills will probably show a slight decrease when complete returns are received, although at the close of the year prices were much better than they had been during the last two years.

Production by Districts.

In addition to estimating the total production and shipments of Portland cement during 1912 it is possible to present fairly complete statistics of production and shipments by districts.

Lehigh district—Eastern Pennsylvania and New Jersey, which together form the leading Portland cement manufacturing district of the United States, produced approximately 24,449,523 barrels of Portland cement in 1912, compared with 25,972,108 barrels in 1911. This represents a decrease of 1,522,585 barrels, or 5.9 per cent. The shipments of Portland cement in 1912 approximated 25,905,257 barrels, compared with 25,192,464 barrels shipped in 1911, an increase of 712,793 barrels, or 2.8 per cent. There were 20 mills reported as active in 1912, against 24 in 1911.

New York—Mills in the State of New York produced approximately 4,490,180 barrels of Portland cement in 1912, compared with 3,314,217 barrels in 1911. This represents an increase of 1,175,963 barrels, or 35.5 per cent. The shipments of Portland cement in 1912 approximated 4,547,195 barrels, compared with 3,058,463 barrels shipped in 1911, an increase of 1,488,732 barrels, or 48.7 per cent. There were 7 mills reported as active in 1912, the same number as in 1911.

Ohio and western Pennsylvania—In Ohio and western Pennsylvania there were produced approximately 7,239,775 barrels of Portland cement in 1912, compared with 6,756,313 barrels in 1911. This represents an increase of 483,462 barrels, or 7.2 per cent. The shipments of Portland cement in 1912 approximated 7,460,885 barrels, compared with 6,654,363 barrels shipped in 1911, an increase of 746,516 barrels, or 11.2 per cent. There were 9 mills reported as active in 1912, the same number as in 1911.

Michigan and northwestern Indiana—This district produced approximately 4,449,274 barrels of Portland cement in 1912, compared with 519,726 barrels in 1911. This represents a decrease of 70,452 barrels, or 1.6 per cent. The shipments of Portland cement in 1912 approximated 4,451,838 barrels, compared with 4,550,896 barrels shipped in 1911, a decrease of 99,058 barrels, or 2.2 per cent. There were 12 mills reported as active in 1912, the same number as in 1911.

Kentucky and southeastern Indiana—Mills near Ohio River in Kentucky and Indiana produced approximately 3,071,467 barrels of Portland cement in 1912, compared with 2,818,820 barrels in 1911. This represents an increase of 252,647 barrels, or 9 per cent. The shipments of Portland cement in 1912 approximated 3,134,874 barrels, compared with 2,800,526 barrels shipped in 1911, an increase of 334,348 barrels, or 11.9 per cent. Three mills were reported as active in 1912, the same number as in 1911.

Southeastern States—Mills in the States of Maryland, Virginia, West

Virginia, Tennessee, Georgia, and Alabama produced approximately 4,664,4 barrels of Portland cement in 1912, compared with 4,049,063 barrels in 1911. This represents an increase of 615,333 barrels, or 15.2 per cent. The shipments of Portland cement in 1912 approximated 4,961,662 barrels, compared with 3,723,183 barrels shipped in 1911, an increase of 1,238,479 barrels, or 33 per cent. There were 9 mills reported as active in 1912, against 11 in 1911.

Iowa and Missouri—The output of Portland cement in Iowa and Missouri amounted to approximately 7,557,000 barrels in 1912, compared with 6,067,4 barrels in 1911. This represents an increase of 1,489,641 barrels, or 24.6 per cent. The shipments of Portland cement in 1912 approximated 7,792,111 barrels, compared with 5,932,856 barrels shipped in 1911, an increase of 1,859,255 barrels, or 31.3 per cent. There were 8 mills reported as active in 1912, against 7 mills active in 1911.

Great Plains States—In Kansas, Oklahoma, and central Texas approximately 5,760,938 barrels of Portland cement were produced in 1912, compared with 7,010,396 barrels in 1911. This represents a decrease of 1,249,458 barrels, or 17 per cent. The shipments of Portland cement in 1912 approximated 6,152,377 barrels, compared with 6,332,698 barrels shipped in 1911, a decrease of 180,321 barrels, or 2.8 per cent. There were 11 mills reported as active in 1912, against 17 mills active in 1911.

Rocky Mountain States—Colorado, Utah, Montana, and western Texas together produced approximately 2,298,649 barrels of Portland cement in 1912, compared with 2,124,930 barrels in 1911. This represents an increase of 173,719 barrels, or 8.2 per cent. The shipment of Portland cement in 1912 approximated 2,234,766 barrels, compared with 1,994,790 barrels shipped in 1911, an increase of 239,976 barrels, or 12 per cent. Seven mills were reported as active in 1912, and the same number in 1911.

Pacific Coast—The States of California and Washington produced approximately 7,258,524 barrels of Portland cement in 1912, compared with 7,278,277 barrels in 1911. This represents a decrease of 19,753 barrels, or 0.3 per cent. The shipments of Portland cement in 1912 approximated 7,483,852 barrels, compared with 6,770,242 barrels shipped in 1911, an increase of 713,610 barrels, or 10.5 per cent. There were 11 mills reported as active in 1912, the same number as in 1911.

BANK CLEARINGS FOR PAST WEEK

Bank clearings as reported to the California Development Board by the several Clearing House cities for the week ending February 13 1913, showing the increase or decrease from the amount of clearings for the corresponding week of 1912, (five banking days) follow:

San Francisco, \$45,249,600, decrease, \$7,123,610; Los Angeles, \$20,801,951, increase, \$288,513; Oakland, \$3,492,573, decrease \$121,290; Sacramento, \$1,781,375, increase, \$375,473; San Diego, \$3,062,282, increase, \$64,486; Fresno, \$894,306, increase, \$105,196; Stockton, \$814,435, increase, \$40,733; San Jose, \$606,575, increase, \$24,228; Pasadena, \$973,069, increase, \$90,203; Bakersfield, \$316,903.

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Thirteenth Year, No. 9.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
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THIS WEEK'S ILLUSTRATIONS:

New Hospital Group For St. Joseph's Hos-
pital, Stockton. Designed by Architect
Walter King, Stockton.

New Centerville Grammar School. De-
signed by Architect John J. Foley, San
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TUESDAY, MARCH 4, 1913.

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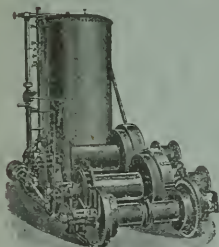
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Editorial Comment.

The action of the State Railroad Commission, or more properly the Public Utilities Commission, in preventing the unmerging scheme of the Southern Pacific and Union Pacific Railroads has caused the people all over the country to take notice. It is another illustration of what Governor Johnson has called a law with teeth in it and with men on the commission who have the ability and the integrity to look after the interest of the people. And in regard to the men on this commission an editorial in the Fresno Republican has an interesting biography of the President of the Commission:

Probably few of those who heard Railroad Commissioner Eshleman the other night at the Merchants' Association banquet realized that the speaker of the evening began his railroad career in Fresno, as a section hand, shoveling dirt on the very railroad whose president appeared before him this week appealing to him as arbiter of the destiny to that railroad in the greatest crisis that ever confronted it or any other railroad. From section hand to the president of the most famous state railroad commission in America is a sufficiently remarkable career, though characteristically American.

"Jack" Eshleman, thrown on his own resources with only a grammar school education, began work as a section hand, and rose to some minor position as straw boss or time clerk. During his service on the section, earning his living by manual labor in the daytime, he gave himself a high school education by studying at night in the camp. Then he made his own way through the university and graduated with honors. He studied law and began practice in Berkeley, where he was later elected city attorney. He also served for a time on the state labor bureau. Elected to the legislature from Berkeley, he first came to statewide notice as the author of the original race-track gambling law. The push, then in control of the legislature, succeeded in killing the bill, and nearly killed Eshleman in the process. He was taken from a Sacramento hospital and sent to the then just-opened Imperial Valley, in Southern California, to die of tuberculosis—a process in which he is still vigorously engaged, and gives promise of continuing for the next forty years. He is a living example of Oliver Wendell Holmes' aphorism that "the best guarantee of a long life is to get an incurable disease." As the Imperial settlement grew into Imperial county, Eshleman became its chief citizen, and was elected district attorney. They tried to run him for judge, and have since

tried to run him for Congress. He was chosen on the Lincoln-Roosevelt ticket to run for railroad commissioner, was elected and then chosen president of the board, wrote the railroad commission law of California, recognized as the most advanced legislation on the subject in the United States, and took the leadership in transforming California's railroad commission from at least efficient to the most efficient commission in the United States. He has made a state and national reputation, and now they are trying, against his protest, to boom him for governor. And he is not yet forty years old!

Such a career is a tribute to energy and ability. Still more, it is a tribute to American opportunity.

It is altogether probable that the Hetch-Hetchy permit will be decided today by Secretary Fisher. It should be without any question. It would seem to the casual observer that this question has been before the department long enough for everybody to know the merits of the case. Certain it is that if there had been but the single question to decide as to whether the government should allow the city to get a water supply the question would have been decided long ago.

This splitting of hairs and dispute about inconsequential things are disposed to make one weary of the whole affair and wonder when there will be a man in the interior department with the courage and integrity to solve a matter and decide like any man should in the premises.

Of all the vexatious delays that have ever harassed a long-suffering people this question of a water supply takes the medal. Not until the Freeman report has there been an engineer's statement of the case that a layman could understand or that had the stamp of comprehensive ability and common sense. If the Secretary brushes aside the cobwebs and decides the question in a comprehensive manner as he should, he will at least go out of office with the gratitude of a long suffering people as contrasted with the doubtful reputations of former politicians who have held the office before him.

"In grandma's day," observed the Joplin News-Herald, "the women used to smoke hams and raise children. Now they smoke cigarettes and raise hell."

A Siskiyou paper has learned from the agricultural college that "an abundance of humus makes a soil friable." The paper has noticed that pounding a steak with an ax or a mallet has the same effect. It makes it friable.

An exchange points out that the word sinned spelled backward, is the name of the man who doesn't advertise.

ISTHMUS COALING PLANTS.

Engineering Details of Storage and Loading Devices At the Canal Entrance.

Spaced in handling coal with the least possible amount of breakage is the main requirement of the coaling plants to be established at the Atlantic and Pacific entrances to the Isthmian Canal, at Cristobal and Balboa, respectively. Specifications for the machinery of the two plants have been completed and bids are now being called for.

It is planned to have a coal storage basin at Cristobal with a capacity of 200,000 tons, and one at Balboa with a capacity of 160,000 tons. In each place the storage will be within a large basin made of reinforced concrete, in which approximately half of the coal will be stored under water for use in time of war, and the other half above water to be added to and taken from continually for the ordinary uses of commercial and Government vessels. It is also planned, if the policy should be approved to be able to lease parts of the storage basin to such private coaling companies as may wish to maintain their own coal stores on the Isthmus, but in such cases all of the handling will be done by the Government plant, a suitable charge being made for the service.

The specifications are not hard and fast, but merely establish certain general methods and standards, leaving it to manufacturers to devise suitable machines. One of the limiting conditions is that the Government shall build the substructure or storage bin and place upon the walls such tracks as cranes and other movable machines may require. This substructure will cost more than the coal handling plant. The details will not be decided upon until the bids for the handling plant have been canvassed, because each plan will require its own special substructure, and one of the points considered in awarding the contract will be the cost of the substructure required under each plan.

In general, however, the specifications call for cranes that will unload coal from ships, a conveying system that will transfer it to bridges that will span the storage basin, and dump it at any place desired, and such a system of buckets operating upon these bridges as will make it possible to lift coal from the storage basin, and by means of conveyers raise it to loading machines that will dump it into colliers or lighters. The Cristobal plant must be capable of unloading 1,000 tons and loading 2,000 tons of coal each hour, and the Balboa plant 500 and 1,000.

In the ordinary operation of each of the plants vessels requiring bunker coal will not go alongside the wharves of the plants to receive such coal, but will be coaled while lying in the stream from barges laid alongside, these barges having been loaded by means of the reloaders forming part of the special handling machinery for each plant. The plants are to be capable, however, of rapidly loading colliers laid alongside the wharves by means of the above mentioned reloaders, the high capacities specified for outward bound coal being fixed with a view to requiring colliers to remain at

the plants for the shortest time practicable.

Atlantic Entrance Plant.

The coaling plant at the Atlantic entrance will be situated on the north end of the island formed by the old French canal, the American canal, and the Mindi River. It will be reached from the mainland by means of a bridge to be built by the Panama Railroad over the French canal south of the dry dock shops. The storage basin will be opposite dock No. 13 at Mount Hope, and it will be 1,000 feet long and 250 feet wide. The bottom of the basin will be 19 feet below mean tide, and the elevation of the decks of the wharves 10 feet above mean tide. There will be 41 feet depth of water alongside the wharves. The wharves will be founded upon steel cylinders filled with reinforced concrete resting upon hard rock. The maximum tidal oscillation in Limon Bay is 2.65 feet.

For this type of storage basin at least two layouts of coaling plant are feasible, the first being that in which the loading and unloading wharves occupy opposite sides of the basin parallel with one another, with the coal piles between them, and the second that in which the unloading wharf will be at right angles to the loading wharf. The normal capacity will be 240,000 tons, capable of increase to 290,000 tons by piling coal to ten feet additional height.

Pacific Entrance.

The coaling plant at the Pacific entrance will be on the quay wall south of the entrance to the large dry dock. The size of the basin will be 500 feet long and 250 feet wide for one design of plant and the same length and 340 feet wide for a second design. The extreme tidal difference here is 21.8 feet. As at the Atlantic entrance the loading wharf will be founded upon concrete cylinders resting upon hard rock; the unloading wharf will be gravity section concrete wall resting on rock. The normal capacity of the Balboa plant will be 135,000 tons, capable of increase to 160,000 tons, by piling coal ten feet above normal height.

The layout is somewhat different from that at the Atlantic entrance, although the methods of handling the coal will be similar. The unloading wharf will be situated at the outer end of the dry dock ship, while the line of the loading wharf makes an angle of about 45 degrees with that of the unloading wharf running out toward the canal prism from the end of the unloading wharf.

In the first plan a basin 500 feet long and 250 feet wide is provided for, with bottom at 18 feet below mean tide and top of wharf at 16½ feet above mean tide. The capacity of this plant must be not less than 500 tons of coal an hour to be unloaded and 1,000 tons per hour to be loaded aboard colliers or barges. Two unloaders will be required with conveyers and two single-stocking reclaiming bridges. Two reloaders will also be required. The operation of this plant is essentially

the same as that for the Atlantic entrance.

An alternate plan for the Balboa plant provides for the same location of the wharves but for a basin 500 feet long and 340 feet wide. The unloaders are the same as in other plans, but instead of dumping into conveyors they will discharge by means of the cantilever and directly into the basin, and large cantilever cranes will then pick up the coal and deposit it at any desired point in the storage basin. For reclaiming, these same cranes will pick up the coal and trolley it into their towers, where it will be dumped into cars or other conveyors, whence it will be carried away from the basin, along the front of the reloading wharf to the reloaders.

The purpose of this second plan is to make use of four beam cranes now in the placing of concrete at Miraflores locks, and thus save the expense of the stocking and reclaiming bridges. Whether they will be used depends upon the cost and general desirability of this plant compared with one having entirely new handling machinery.

Units of the Plants.

The following paragraphs refer particularly to the Cristobal plant, but with certain modifications, as indicated above, apply also to the Balboa plant.

Unloaders.

The unloading operation will consist of taking coal from a collier and depositing it at any desired place in the bin or basin. For this purpose unloading towers, a conveying system that will carry the coal lengthwise of the storage bin along the wharf, bridges spanning the basin, and a conveying system upon these bridges, which will take the coal from the first conveyors and dump it wherever required, are specified.

Four unloading towers of not less than 250 tons capacity per hour each, making a total capacity of 1,000 tons an hour, for the first unit of the unloading system. These towers must be capable of four operations: (1) Mining coal from a vessel and depositing it into a hopper built within the tower, whence it may be delivered by chutes to the conveying system, or to Panama Railroad cars running on a track beneath the tower. (2) Mining coal from a vessel and depositing it by the bucket or shovel into the storage bin behind the tower. (3) Mining coal from storage pile behind the tower and depositing it in the hopper in the tower. (4) Mining coal from the storage pile behind the tower and depositing it by the bucket or shovel aboard vessels.

Each tower will travel on two parallel pairs of rails between which at the level of the wharf deck there shall run a railroad track so located that cars may be run beneath the unloading tower and receive coal from its hopper. The speed of travel in either direction must be not less than 50 feet per minute against a wind pressure of ten pounds per square foot. The track travel must be by motors or engines within each tower, and cable drive will not be acceptable.

bucket or shovel by means of the tower will mine coal from the basin and will have a capacity of 100 tons of liquid fuel. This size is chosen because, although many colliers will have large hatches (equivalent to those of the latest naval type), a considerable portion of the coal will be piled to the isthmus in vessels like a larger bucket could not be used. Larger buckets may be offered, but, provided small buckets are supplied and a rapid means of effecting the change from one to the other is provided.

The tower will be fitted with a lifting and folding boom on the water side with a cantilever on the storage side. The cantilever may be movable if necessary to permit the passage of the reclaiming bridges. In the case of the track for the trolley of the bucket shall be horizontal and continuous between the extreme ends of the cantilever when both are in horizontal position, and the passage of the trolley over the hinge joints can be made easily and without difficulty. Suitable buffers will be fitted at each end of the trolley runway. The trolley, through which the trolley bucket will be capable of operation as follows: Maximum height of wharf level, Balboa and Cristobal, 20 feet; maximum depth for reeling coal from ships below wharf level, Balboa, 45 feet; maximum horizontal travel of bucket on water side beyond center of tower legs next to water, Balboa, 60 feet; maximum horizontal travel of bucket on land beyond nearest wall of coal basin, Balboa and Balboa, 35 feet; maximum depth below wharf level for reeling coal from storage on land at Cristobal, 29 feet; maximum depth below wharf level for reclaiming coal from storage on and side at Cristobal, 34½ feet.

In addition to these operations the trolleys will be able to dredge the bottom of the slip in front of the unloading wharf 51 feet below wharf level at Cristobal and 61½ feet at Balboa.

A hopper within the unloading tower will have a capacity of not more than 50 tons of coal. The boom on the water side will lift or fold by movement in a vertical plane in such a manner that when fully hoisted no part shall project more than four feet above the concrete face of the wharf, and descend lower than the top of the wharf.

Conveyors.

The conveying system must provide for the transfer of coal from the unloading towers along the wharf to the point at which the bridges may span the bin, and the transfer of the bridges to any point desired. It may be tripped into the storeroom. It must have sufficient capacity to handle the maximum amount of coal delivered by the unloading tower. It may consist of either cars or propelled by electricity or cable, or continuous conveyors of similar construction, or any other appliance, tried out, and guaranteed for doing the work, due regard being had to the basic requirement of breakage of coal in handling being reduced to a minimum.

At the Cristobal plant the conveying system must be capable of performing any of the eight operations listed below. At the Balboa plant

the requirements are similar, but are necessarily modified by reason of the smaller size of that plant and the use of the berm cranes referred to above:

(1) Receiving coal from single unloading tower or group of towers located anywhere on the unloading wharf, as for the unloading of a single vessel, and transporting it to any part of the storage pile. (2) Receiving coal from a single unloading tower or group of towers located anywhere on the unloading wharf, as for the unloading of a single vessel, transporting it direct to the reloaders, which may be spaced at any intervals along the reloading wharf, and delivering it to one only or distributing it among any number of reloaders, the proportionate distribution among the reloaders in action being of as wide a range, within the individual capacities of the reloaders, as practicable without undue complication and cost. It will be possible, in any event, to distribute the coal substantially equally among any number of reloaders in action. (3) Receiving coal from a single unloading tower or two towers, located anywhere on the unloading wharf, as for the unloading of a single vessel, and transporting it direct to the wharf bunker, the capacity of the conveying system leading to the wharf bunker being sufficiently great to handle the maximum discharge from two unloading towers. (4) Receiving coal from a single unloading tower, or group of towers, located anywhere on the unloading wharf, as for the unloading of a single vessel, and transporting it to storage at any part of the storage pile, while at the same time coal is being reclaimed from any other part of the storage pile, and being conveyed to the reloaders or to the wharf bunker.

(5) Receiving coal simultaneously from two vessels located anywhere along the unloading wharf, one, two, or three unloaders being at work on one vessel, and transporting it from both vessels to the same part of the storage pile, to the reloaders direct or to the wharf bunker direct, within the capacity of the conveyors supplying the bunker. If coal from both vessels is being transported to the storage pile it shall be possible simultaneously to reclaim coal from any other part of the storage pile by means of the remaining bridge or bridges, and transport it to the reloaders direct or to the wharf bunker direct. (6) Receiving coal simultaneously from two vessels, located anywhere along the unloading wharf, one, two, or three towers being at work on one vessel, and simultaneously transporting the coal from any one of the two vessels to any point in the storage pile and from the other vessel to any other point in the storage pile, or to the reloaders direct, or to the wharf bunker direct. (7) Receiving coal reclaimed from the storage pile by one or more bridges up to the full number, spaced at any intervals along the storage pile, and transporting it to the reloaders or to the wharf bunker. (8) Taking coal from any point in the storage pile and depositing it at any other point in the storage pile by use of the bridges.

Two duplex or four single bridges are required in the proposed plan for the Cristobal plant. The former are fitted with two shovels or buckets, and the latter only one each. These bridges will span the coal storage basin, over the coal piles, and move along the

walls longitudinally of the basin, so that they can cover any point in the basin. Upon them will be mounted the conveyors that will carry coal from the conveyors upon the walls to any point desired within the basin, and the shovels or buckets that will mine coal from the basin and carry it to the conveyors, which will transfer it to the wharf bunker and to the machines for loading it upon colliers or barges.—U. S. Government Advertiser.

AMERICAN INSTITUTE OF ARCHITECTS CO-OPERATES WITH THE NATIONAL FIRE PROTECTION ASSOCIATION IN FIRE PREVENTION PROPAGANDA.

Tour of Franklin H. Wentworth, February and March, 1913.

Members of the American Institute of Architects and others who attended the 46th annual Convention of the Institute in Washington last December will remember the forceful address delivered by Franklin H. Wentworth, Secretary of the National Fire Protection Association, in which he made a convincing appeal for the co-operation of the Institute in the work for which his Association stands.

Within a few weeks of that occasion Mr. Wentworth and D. Knickerbocker Boyd, the Chairman of the Institute's Committee on Public Information, after conference with the officers of the respective organizations, were considering the possibility of a speaking tour by Mr. Wentworth under the auspices of the Institute.

The proposition was placed before those Chapters of the Institute which Mr. Wentworth could reach in a month's travel and it only remained with them to signify their approval and to assure, on the part of each, an enthusiastic meeting devoted to Fire Prevention in order to determine the project.

In spite of the comparative short time which remained to conclude these arrangements, the responses from the Chapters addressed were so cordial and enthusiastic that no doubt remained as to the desirability of undertaking the tour and the start was promptly provided for.

Even after the itinerary was apparently completed, other possibilities disclosed themselves because of the interest manifested in the spreading of the Fire Prevention Propaganda, and additional Chapters were placed on the list, as well as State Architectural Associations, not integral units of the American Institute of Architects, in three States through which Mr. Wentworth would pass.

Announcement can now be made of the complete schedule, which is as follows, including those addresses which have already been given up to this writing. About one-third of the tour had been completed before the final arrangements had been made for the concluding portion of the trip:

Brooklyn Chapter, A. I. A., Brooklyn, January 27th.

New Jersey Chapter, A. I. A., Jersey City, January 30th.

Pittsburgh Chapter, A. I. A., Pittsburgh, February 3rd.

Buffalo Chapter, A. I. A., Buffalo, February 4th.

Cleveland Chapter, A. I. A., Cleveland, February 5th.

Michigan Chapter, A. I. A., Detroit, February 6th.
 Indiana Chapter, A. I. A., Indianapolis, February 8th.
 Illinois Chapter, A. I. A., Chicago, February 11th.
 Louisville Chapter, A. I. A., Louisville, February 12th.
 Cincinnati Chapter, A. I. A., Cincinnati, February 13th.
 St. Louis Chapter, A. I. A., St. Louis, February 17th.
 Kansas City Chapter, A. I. A., Kansas City, February 18th.
 Texas State Association of Architects, Dallas, February 19th.
 Louisiana Chapter, A. I. A., New Orleans, February 21st.
 South Carolina Association of Architects, Columbia, February 24th.
 North Carolina Architectural Association, Raleigh, February 25th.
 Baltimore Chapter, A. I. A., Baltimore, March 6th.
 Philadelphia Chapter, A. I. A., Philadelphia, March 7th.

While this tour has been arranged under the auspices of the Institute, through its Committees on Public Information in various parts of the country, to better inform the public on matters pertaining to architecture and sound building construction, too much credit cannot be given to Mr. Wentworth and his Association, but particularly to himself personally for his willingness to undertake the arduous task of such an extended tour.

Full details of the important results achieved will be given after the tour has been completed. For the present it need only be said that, in each instance, the local Chapter or State Association has arranged for the widest possible benefit from the Fire Prevention meetings. The public has been freely invited to hear Mr. Wentworth's addresses and the discussions by prominent city officials and various other authorities which will follow. In any case, the Mayor of the city and in some cases an entire State Assembly are expected to participate in the meeting, and in almost all of the cities the co-operation has been secured of important civic bodies, engineers' societies, builders' exchanges, fireunderwriters, firemen's associations, and where they exist, the Fire Prevention Commissions and the Fire Marshals. In some cases luncheons and dinners also been arranged as a part of the program.

The American Institute of Architects, through its Chapters, in thus bringing the public in general and architects and professional men in particular to the realization of what can be done by all of them in lessening the fire risk and in aiding in the conservation of human life and property, is placing itself before the country as a public human life and property, is placing it interested in the community welfare as in the advancement of the profession which it represents.

The San Francisco Call prints an extra Sunday edition of the paper in which one section is devoted to Bohemian life. In it pictures are given of most of the cafes in the Tenderloin district. This may be Bohemianism but it is not the kind of which the city is particularly proud nor is it anything distinctive. The management is evidently unable to distinguish true Bohemianism from the night life that frequents the demi monde of all large cities.

General Contractors Dedicate New Home.

Monster Installation Banquet Marks Opening of New Quarters in The Sharon Building.

The members of the General Contractors Association, to the number of five hundred, assembled at their new quarters, corner of New Montgomery and Jessie streets, last Saturday night to celebrate the formal opening of their new home.

The celebration was in the form of an elaborate banquet, to which all did ample justice.

The new quarters are by far the finest and the largest in the United States, and would do justice to any banking institution. The assembly room is on the ground floor of the Sharon Building, a class A building, in the very heart of the business life of the city. With mosaic floor, marble wainscoting, and hardwood trim, the assembly hall certainly presents an imposing and impressive appearance. Ample room is also provided for pri-

the invited speakers to be called upon, and after referring to the team work necessary to make San Francisco great, he told of the two big problems confronting the city, water and transportation. He said that the traffic expert hired by the city had estimated that San Francisco would have a million population in 1914, but for himself he believed with the development of the Sacramento and San Joaquin valleys, the opening of the canal and the exposition, this figure would be reached before 1920.

"It is up to us to make the city what it should be," said the Mayor, "and to do this we have got to have water and transportation. These are the two big problems confronting us. For twelve years we have been trying to get water from Hetch-Hetchy and tonight I have a telegram from Washington saying that the prospects for the granting of the permit by the Federal Government are not bright.

Sees Bright Future.

"We have built the Geary-street railway, it is in operation and is successful, at the present time paying off the sinking fund, interest on the bonds, operating expenses and showing a



CHAS. A. DAY, President



WM. A. AGUE, Secretary

vate rooms for estimating purposes, directors' rooms, committee rooms, secretary's offices, etc., etc., all of which are most handsomely furnished.

Following the banquet, President Day, who acted as toastmaster, made a short speech in which he gave the history of the organization since its start, its objects, etc.

"A talk of this kind would not be complete without referring to the labor situation," said the speaker. "That we find satisfactory. For the past two years there have been no strikes, and few misunderstandings which conferences with the Building Trades Council have soon dissipated. Wages in the building trades are higher than any city in the country, and this association believes they are high enough and will oppose any further increase, no matter how slight."

Mayor James Rolph was the first of

the speakers. In the near future we want this line extended to the Ferry and out Van Ness avenue to the exposition grounds, and I believe the people of this city will vote for the necessary bonds when the time comes."

The speaker then told of the work being done in harbor improvement, and finished his remarks by saying that the future for the city was bright, needing only team work among all the population to make it the greatest city on the Pacific Coast.

Other speakers were: Charles Vogel-sang, for C. C. Moore, "1915"; W. T. S. Shon, "Our Commercial Future"; A. C. Rolofson, "Home Industry"; George L. McDougall, "Modern Architecture"; Paul Bancroft, "Public Buildings"; F. J. Lynde, "California"; F. H. Masow, "Progress of our Organization," and Lewis F. Byington, "Building Industry."

During the evening vocal selections are rendered by Chas. F. Balotti, Jess Woodruff, Geo. D. Murphy, Eddie Ealy, and L. A. Larsen.

The banquet committee consisted of J. Lynch, Charles W. Gompertz and John Biller. The reception committee was as follows: C. J. Carillon, R. G. Graham, J. W. Hatch, L. A. Jordan, P. C. Masow, H. J. Balston, C. D. Stelger, T. Thurston, Charles Wright, W. H. Wright and Frank M. Heffernan, publicity manager.

The officers and directors are: President, Chas. A. Day; Vice-President, Chas. W. Gompertz; Treasurer, Chas. Lindgren; Secretary, Wm. E. Hague; Attorneys, Aitken & Aitken.

Directors: Chas. Wright, F. H. Masow, H. W. Beach, John Biller, A. K. Bergstrom, Grant Fee, P. J. Lynch, Edward Ginley, Directors Elect, Ralph McLeran, Frank P. Lansing, Clerks: Geo. A. Watson, Geo. A. Maas and E. A. McCallum.

Provisional President Huerta has announced that he will "rule with an iron hand." If that means that he will assassinate everybody opposed to him he is certainly starting in right. The killing of the former president and the prominent members of his party is certainly putting a savage aspect on the revolution which savors more of anarchy than anything else and is equalled only by the scenes of the French revolution. So far as anyone on the outside is able to judge there is no man in Mexico at present fit or able to govern the country. There is no chance for a Napoleon to arise in Mexico as he would not have the material out of which to build up a successful army. What the world generally looks for is whether or not this savagery, intrigue and counter revolutions will not extend to the murder and plunder of foreign residents by the mobs, and whether any of the so-called generals will be able to maintain order and protect lives and property. The succession of events in the Mexican capital will be watched with tense interest by all who have any interest in the Southern capital. The promise and the oremance of a Mexican general are about as far removed as anything could be an if a "provisional" president can trust his own brother it is because his head depends upon his being loyal.

So far as can be ascertained there is no great moral or industrial question upon which the people are divided and it is doubtful whether or not the people would have the backbone to stand by it if there were. The "generals" are simply soldiers of fortune seeking their own advancement by intrigue, murder, or assassination. Under this state of things it is doubtful if there will be any peace of a permanent nature for a long time to come. The question is whether or not these assassinations and intrigues will not be carried so far as to compel the intervention of the United States. That the world would profit generally by such intervention there can be no question. It remains to be seen what will be done by the bunch that now hold the reins of power in Mexico.

TO WHOM IT MAY CONCERN.

WANTED: A centrifugal pump with capacity of 15,000 gallons per hour, with sub base for direct motor constructions. State size, price and where pump can be seen. GALLAND MERCANTILE LAUNDRY, 317-37 8th St.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 6 story and base, brick and steel, \$75,000. Architects, O'Brien Bros., China Bldg., S. F. Owner's name withheld. The building will be erected on Bush street, west of Mason, and will be arranged for a number of two and three room suites. All suites will have connecting baths and wall beds. There will be steam heat, elevator service, a vacuum cleaning system and a hot water plant. Interior finish will be of pine, redwood and hardwoods. Bath rooms will be finished in tile and will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, William Bush. The building will be erected at the northeast corner of Hyde and Vallejo streets and will cover an area of 24x60 feet. The first floor will contain stores and the upper floors will be divided into six apartments of three rooms each. There will be private baths and wall beds. Interior will be finished in pine with some oak floors. A hot water plant will be installed. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$18,000. Architect, Albert Schroepfer, Foxcroft Bldg., S. F. Owner, William Menser. The building will cover an area of 32x77 feet, and is designed for six apartment flats with baths and wall beds. Interior finish will be of pine, redwood and hardwood. Bath rooms will have composition floors and tile wainscot. There will be steam heat and a hot water system. Entrance vestibule will be finished in marble and tile. The exterior of the house will be covered with tapestry brick veneer and rustic. Plans are complete and the work will be sublet by the architect.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$11,000. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, J. Eric Johanson. The building will be erected on Pine street and will cover an area of 28x72½ feet. The interior will be arranged for three-room suites with private baths and wall beds. A central heating system will be installed. Interior finish will be of pine with some hardwood floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic Ave., S. F. The building is to be erected at the corner of Fell and Cole streets, and will cover an area of 28½x90 feet. There will be nine apartments of three rooms and bath each. All suites will have wall beds and hot and cold run-

ning water. Interior finish will be of pine and redwood with some oak floors. Bath rooms will have composition floors. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, Hans Petersen. The building will contain eight apartments of three rooms and bath each. All suites will be equipped with wall beds and will have hot and running water. Interiors will be finished in pine and redwood with some oak floors. A central heating system will be installed. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, William Helbing, 1420 Market St. S. F. Owners, William Helbing and Oscar Curtis. The building will be erected at the corner of Post and Leavenworth streets and will cover an area of 112½x57½ feet. Interior will be arranged for a number of two and three room suites with private baths and wall beds. There will be steam heat, elevator service, a hot water plant and vacuum cleaning system. Interior finish will be of pine and redwood with some ornamental plaster used in the entrance. The exterior of the building will be faced with pressed brick. Plans are being prepared and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, J. F. Dunn, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. The building will contain twelve apartments of two and three rooms each, with wall beds and private baths. Interior finish will be of pine and redwood throughout. A central heating system will be installed and a vacuum cleaning plant. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the owners are taking figures on the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, Theodore E. Rulfs. The building will be erected on property recently purchased by Mr. Rulfs at the southeast corner of Pine and Leavenworth streets. The first floor will be arranged for stores and upper two floors for a number of two and three room apartments with private baths and wall beds. All interior finish will be of pine. Hardwood floors will be used in some of the rooms. Bath's will have composition floors. There will be steam heat, a vacuum cleaning system and hot water plant. The exterior of the building will be covered with brick veneer and ship lap. Plans are being prepared.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 6 story and base, reinforced concrete. Cost not

ated Architect Paul C. Pape, Union League Bldg., L. A. Owner, E. Tislerat. The building will be located on a corner and will contain a total of eighty rooms arranged in suites of from two to five rooms each. All apartments will have wall beds and private baths. Interior finish will be of pine and hardwoods. There will be steam heat, elevator service, hot water plant and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Interior partitions will be of hollow tile and metal lath and plaster. The exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

VENICE, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Patent store fronts will be S. Garrett, Currier Bldg., L. A. Owner, Dr. J. C. Elliott. The building is to be arranged for stores on the first floor and modern two and three room suites on the upper floors. The structure will cover an area of 77x60 feet. Interior will be finished in pine. There will be twenty baths with composition floors. Plans include steam heat and a vacuum cleaning system. The exterior will be faced with pressed brick. Patent store fronts will be used. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, E. J. Borgmeyer, Stimson Bldg., L. A. Owner, Mrs. John Featherington. The building will contain sixty rooms arranged in two and three room apartments. All suites will have running hot and cold water, wall beds and private baths. Interior of the building will be finished in pine. Baths will have composition floors and tile wainscot. There will be steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are now nearly complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, B. Cooper Corbett, Union Oil Bldg., L. A. Owner, Mr. Young. The building will cover an area of 50x140 feet, and will contain forty rooms which are to be arranged in suites of two and three rooms each with wall beds and private bath. Interior finish will be of pine throughout. Bath rooms will have composition floors. A hot water system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BANKS.

LOS ANGELES, CAL.—Bank and offices, 12 story and base. Class A construction. Cost not stated. Architects, William Curlett & Son, Phelan Bldg., S. F., and Title Insurance Bldg., L. A. Owners, Merchants' Fireproof Building Co. This building is to be erected at the northeast corner of 4th and Spring streets. The entire first floor has been leased to one of the leading financial institutions of Los Angeles. The building has been mentioned in these columns a number of time before when the architects were first commissioned. Plans are now complete and figures are being taken on the work.

BRIDGES, DAMS AND HARBOR WORK.

LA GRANGE, STANISLAUS CO., CAL.—Bridge, steel and concrete. Cost not stated. Engineer, County Surveyor E. H. Annear, Modesto. Owners, Stanislaus County. This bridge will be erected over the Tuolumne River at La Grange. No description of the work has been received and details are lacking. Plans have been approved by the Board of Supervisors and bids are now being taken. Bids will be opened by the Board of Supervisors at Modesto on March 11th. Complete information, plans and specifications can be obtained from the County Surveyor.

HUNTINGTON BEACH, LOS ANGELES CO., CAL.—Wharf, reinforced concrete, \$65,000. Engineer, City Engineer, Huntington Beach. Owners, Town of Huntington Beach. Plans for this work have been approved by the Town Trustees and bids are now being taken. All figures must be in the hands of the City Clerk, C. E. Laverling, by March 10. The wharf will be of reinforced concrete except the deck, which is to be of frame construction.

PORT ANGELES, WASH.—Bridge, steel and concrete, \$40,000. Engineer, J. M. Baird, White Bldg., Seattle. Owners, Clallam County. This structure will be erected over the Elwha River at Port Angeles. There will be concrete abutments and several steel spans. Plans are on file at the office of the engineer. Bids will be opened on March 10th.

CHURCHES.

SAN FRANCISCO—Church, Class A construction. Cost not stated. Architects, Shea & Lofquist, 550 Montgomery St., S. F. Owners, Mission Dolores. Contractors: Excavating has been awarded to J. J. Leonard, 180 Jessie St., S. F., and the structural steel work to the Central Iron Works, 651 Florida St., S. F., at \$83 per ton. Plans for the other parts of the work are being completed as rapidly as possible and bids will be called for shortly.

LONG BEACH, LOS ANGELES CO., CAL.—Church addition, 1 story, frame, \$10,000. Architects, Austin & Lochridge, 18 Locust Ave., Long Beach. Owners, Grace Methodist Church. The building will be in the nature of an addition to the present building. New portion will cover an area of 52x80 feet and will be used as the auditorium. The old portion of the building will be altered for Sunday School purposes. Interior finish will be of pine throughout. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse, 3 story and base, mill construction. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Warehouse Investment Co. This building, which is to be erected on King street, will cover a large ground area. Plans provide for an automatic sprinkler system, fireproof floors and metal window frames and sash. The exterior of the building will be faced with stock brick. The structure has been leased for a long

term to Castel Bros. Plans are complete and a contract for the excavation has been let. Other parts of the work are now out for figures.

NILES, ALAMEDA CO., CAL.—Factory, 3 frame buildings, \$50,000. Architect, G. W. Page, Ica Bldg., S. Jose. Owner, G. M. Anderson. This group of buildings has been designed for a moving picture manufacturing plant and will include the general factory, stables and offices. Construction will be of frame with a considerable amount of glass used. Complete details of the enterprise are lacking. Plans are being prepared and full particulars will be given later.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Studio building, reinforced concrete, \$50,000. Architect, J. Corbly Poole, Santa Barbara. Owners, American Film Co. Contractor, Magnus Johnson, Santa Barbara. Not. This contract has been taken on a percentage basis.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, M. Matanovich, David Hewes Bldg., S. F. Owner, F. Radmanovic. The building will contain three modern flats of four, five and six rooms. Interior finish will be of pine and redwood with some hardwood floors. There will be either open fire places or gas grate. Mantels will be of tile. Tile will be used in the bath rooms and kitchen. The exterior of the building will be covered with cement plaster and rustle. Plans are complete and figures are being taken on the work.

SAN FRANCISCO—Flats and store, 2 story and base, frame, \$5,000. Architect, none. Owner, Jacob Bachmann, 4644 Geary St., S. F. The building will cover an area of 25x74 feet. The first floor will be arranged for on store and the upper floor for modern flats. The interior finish will be of pine and redwood with some oak floor. There will be open fire places and brick or tile mantels. Store will have plate glass windows. The exterior will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,000. Architect, none. Owner, William Cadigan, 24 Steiner St., S. F. The building has been designed to contain two flats of five and six rooms each with bath. The building will cover a lot 25x44 feet. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. The exterior of the house will be covered with rustle and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flat alterations for new construction, \$2,500. Architects, Righetti & Headman, Phelan Bldg., S. F. Owner, L. Boggione. This work will include raising the present building and constructing a store on the first floor. Alterations will require new plaster, painting, plumbing, electric work and interior finish. The exterior will be covered with rustle. Plans are complete and the owner is doing the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame. Cost not stated. Architect, none. Owner, M. F. Muller, 69 Brosnan St., S. F. The building will cover an area of 25x60 feet, and has been designed to contain two modern flats of five and six rooms each with bath. Interiors will be finished in pine and redwood. Same oak floors will be used. There will be either open fire places or gas grates in the living rooms. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$10,000. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, Peter Cauby. This building will be erected on Green street near Leavenworth, and is to be designed for a number of high-class residential flats. Interiors will be finished in pine and hardwood with hardwood floors in the principal rooms. A central heating system will be installed. There will also be open fire places and brick or tile mantels. Bath rooms will have tile wainscot and composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architects.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,000. Architect, E. Young, 251 Kearny St., S. F. Owner, C. C. W. Haun. The building will be erected on Capp street, north of 21st street, and will cover an area of 27½x66 feet. The interior will be arranged for six apartment flats of four and five rooms each. All suites will have bath and wall beds. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and Dutch tile mantels. Bath will have tile wainscoting. The exterior of the building will be covered with brick veneer and rustic. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owner, Stephen Arnold. The building will be arranged for four flats of four and five rooms each. All bed rooms will be equipped with wall beds. Interior finish will be of pine throughout. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic. Plans for this work are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Flat alterations, frame construction. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mrs. L. E. Blanchard. A two-story dwelling now on the property will be altered into four modern flats. This work will require new interior finish, electric work and painting. Open fire places and tile mantels will be used. The exterior of the building will be covered with rustic. Plans for this work are being prepared.

GARAGES.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owner, Mrs. Marie Ham-mell. The building will be designed for a commercial garage and is to cov-

er an area of 50x110 feet. There will be a cement floor and brick exterior walls faced with enameled brick. Considerable structural steel will be used. Plans call for metal window frames and sash. Interior finish will be of pine throughout. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, California Real Estate and Building Co., L. A. Owners, May and Grimwood, 903 Security Bldg., L. A. The building has been designed for a commercial garage and will cover an area of 75x157 feet. Interior of the front portion of the building will be handsomely finished. There will be a cement floor and special gasoline storage tanks. Metal window frames and sash are called for in the specifications. The exterior of the building will be faced with glazed brick. Plans are being prepared.

SEATTLE, WASH.—Garage, 2 story and base, reinforced concrete, \$30,000. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner, L. W. Roe. The building will be erected on 12th avenue, and will cover a ground area of 121x118 feet. The structure has been designed for a commercial garage. Construction will be practically fireproof with a cement floor on the first story, metal window sash and frames and some metal trim. There will be special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Plans are complete and a contract will be awarded within a few days.

GOVERNMENT WORK AND SUPPLIES.

PRESIDIO OF SAN FRANCISCO—Oil distributing system and oil burners. Cost not stated. Engineers Constructing Q. M. Dept. Capt. E. S. Walton, Presidio, in charge Owners, United States Government. Plans and specifications have been completed for the construction of an oil distributing system and for furnishing oil burners for the Presidio and Fort Winfield Scott. Bids are now being taken and will be opened on March 13th. Plans and specifications can be secured from Capt. E. S. Walton, of the Q. M. Dept., Presidio of San Francisco.

Cement for Reclamation Work.

Of bids received by the Reclamation Service for furnishing 210,000 barrels of Portland cement, the Government has decided to purchase from the Southwestern Portland Cement Co., of El Paso, Tex., 50,000 barrels at \$1.40 per barrel for use on the Rio Grande project, and from the Colorado Portland Cement Co., of Denver, Colo., 31,000 barrels at 99c per barrel for use on the North Platte Uncomphrage Valley project.

San Francisco, Cal., Subtreasury.

As previously reported, the contract for the construction of the U. S. Subtreasury at San Francisco, Cal., was awarded to Grant Fee, San Francisco, at \$384,300. In the construction of the building the following fixtures and materials will be used: Plumbing fixtures, Crane Co.; direct radiators, American Radiator Co.; indirect radiators, do; radiator valves, Crane Co.; nonconducting coverings, Johns-Manville Co.; oil-burning apparatus, Fess System Co.; air valves for radiators, National Steam Specialty Co.; for end of steam mains, do; vacuum sweeping

system, F. H. S. Prentiss, San Francisco; cabinet and tablet, Frank Adam Electric Co.; conduits, Western Conduit Mfg. Co.; wire, John A. Roeding's Sons Co.; snap switches, Arrow Electric Co.; money lift, Otis Elevator Co.

Road Work, Vancouver Barracks.

Under bids opened Jan. 30 the contract for constructing 1,350 feet macadam road has been awarded to the Star Sand Co., of Portland, Ore., at \$3,568.

Puget Sound, Wash., Building.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing quarters for inspector of ordnance at the naval magazine, Puget Sound, Wash.:

Item 1, work complete; 2, deduct from item 1 if attic story is not finished.

Charles H. Schaar, 721 21st avenue, Seattle, Wash., item 1, \$7,300; 2, \$600. John W. Johnson, 1106 Hoge Building, Seattle, Wash., item 1, \$8,200; 2, \$175.

Endre A. Pofthus, 303½ 23rd avenue, Seattle, Wash., item 1, \$8,480; 2, \$8,064.

George Eckman, 616 Mutual Life Building, Seattle, Wash., item 1, \$8,267; 2, \$225.

Finne & Gjarde, 725 Northern Bank and Trust Building, Seattle, Wash., item 1, \$8,300; 2, \$428.

J. L. Murphy & Son, 313 N. Ferdinand street, Tacoma, Wash., item 1, \$8,225.86.

Ericsson & Dahl, 5011 Meridian avenue, Seattle, Wash., item 1, \$8,444; 2, \$8,444.80.

Joseph Mersch, 3012 Oakes street, Everett, Wash., item 1, \$9,500; 2, \$500.

Ben Calling, 811 20th avenue, South, Seattle, Wash., item 1, \$8,200.

Puget Sound Navy Yard, Grading.

The contract for grading at the navy yard, Puget Sound, has been awarded to Agassiz & Hadley, Seattle, Wash., at \$5,980.

Billings, Mont., Public Building.

The contract for the construction of the U. S. post office at Billings, Mont., has been awarded to J. H. Wiese, of Omaha, Neb., at \$109,748. Time for completion, September 1, 1914.

Puget Sound, Naval Magazine.

No action has yet been taken by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., regarding the award of contract for constructing a frame house at the naval magazine, Puget Sound, Wash.

Point Wilson Light Station.

Bids were opened by the lighthouse inspector, 17th district, Portland, Ore., for the construction of a light and fog signal building at Point Wilson, Wash., as follows:

H. E. Boering, Portland, Ore., \$8,349.60; accepted.

Fisher Engineering Corporation, \$14,800.

J. L. Murphy & Son, \$14,623.

J. W. Johnson, \$15,695.

Sound Construction and Engineering Co., \$12,376.

F. W. Grant, \$15,334.

Mark Odell & Co., \$13,797.

J. W. Stanchfield, \$12,665.

Spar Buys.

Bids were opened as follows by the High House Inspector, 17th district, Portland, Ore., for furnishing and delivering 40 spar buoys:

J. A. Eastland, Astoria, Ore., \$1,252; accepted.

Cowhitz Bridge Co., \$2,210.

Air Compressors.

Bids for furnishing two direct-connected kerosene engine-driven air compressors for the St. George Reef Light station were opened by the High House Inspector, 18th district, San Francisco, Cal., as follows:

Fairbanks, Morse & Co., \$3,627.

Doak Gas Engine Co., Oakland, Cal., \$3,425; accepted.

Wharf, E. P. Pio, Cal.

The big of the Mercereau Bridge & Construction Co., of Los Angeles, Cal., \$8,910 in amount, has been accepted for the construction of a wharf, etc., at Fort Pio Pio, Cal.

Puget Sound Dry Dock.

It is planned by the Navy Department to dock the U. S. S. Oregon in the new dry dock at Puget Sound about March 1. This will not be the official trial of the dock, which is to be used for the first time, it appears, as a matter of sentiment with the outgoing administration, which will thus be able "to point with pride" to the completion of this largest of naval docks before March 4. The official test will occur during the subsequent three or four weeks, when it will be possible to have the usual economy runs of the pumping equipment and otherwise conduct the docking of a ship in a way to ascertain whether the contract has been complied with.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Auditorium steel work, \$177,867. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. But one bid, that of the California Construction Co., was received for the structural steel work on the new Municipal Auditorium. No action was taken by the Council and the bid was referred to the City Attorney for an opinion.

MONTEREY, MONTEREY CO., CAL.—Club house, 5 story and base. Class A construction. Cost not stated. Architect, J. W. Chalmers, Mason Bldg., L. A. Owners, Los Angeles Capitalists headed by M. L. Foster, Mason Bldg., L. A. The building is to be designed for a private club, and will cover an area of 120x190 feet. Besides the large social halls, banquet room, dining rooms, billiard room, bowling alleys and sun parlor, the building will contain forty suites. Plans include a plunge and private baths. Interior will be handsomely finished in hardwoods and tile. There will be a complete steel frame with exterior walls of glazed terra cotta. Plans are being prepared.

ALHAMBRA, LOS ANGELES CO., CAL.—City hall, 2 story and base, brick and steel. Cost not stated. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Town of Alhambra. Plans for a building to house the municipal offices have been completed and approved by the Trustees. Bids are now being taken and will be opened on March 22nd. The

structure will cover an area of 50x150 feet, and will be of brick construction with the exterior walls faced with pressed brick and terra cotta. Interior will be finished in hardwood, marble and tile. A central heating system will be installed. Special concrete vaults are specified. Plans can be secured from the architects.

ROSEBURG, ORE.—Lodge hall, 2 story and base, brick. Cost not stated. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, Roseburg Elks' Hall Association. The building will be erected on a corner lot and will cover an area of 50x100 feet. The building will be arranged around an open court with stores on two sides. The court will be laid out in handsome gardens. Interior of the building will be arranged for lodge halls, banquet room and a number of sleeping rooms and suites. Interior finish will be of pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Considerable ornamental iron will be used. Tile will be used in all baths. Plans are being prepared.

BEAVER LAKE, ORE.—Club house, 2 story and base, frame. Cost not stated. Architect, D. L. Williams, Chamber of Commerce Bldg., Portland. Owners, Beaver Lake Club. The main floor will contain one large living room, kitchen and dining room. The main room will extend through the second floor, which will be more of a balcony effect and will be arranged for sleeping rooms and private baths. Two large open fire places are to be installed on the first floor. Mantels will be of brick. There will be a hot water system of heating. The exterior will be covered with logs and shakes. Plans are being prepared.

Contracts Awarded.

MODESTO, STANISLAUS CO., CAL.—Lodge hall, 3 story and base, brick, \$25,000. Architect, Ralph P. Morrill, Yosemite Theatre Bldg., Stockton. Owner, Mrs. Tully, Contractor, George Shannon, \$21,485. General construction only. Bids will be received later for the heating, plumbing and electric work. The following bids were received for the general construction: W. H. Arnold, \$25,450; Bishop-Steven-Wilson, 1113 Post St., S. F., Contract Ulrich & Howell, \$23,600; George Shannon, \$21,485.

LARKSPUR, MARIN CO., CAL.—City Hall, 2 story and base, frame, \$10,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, Town of Larkspur. Contractors, Peterson & Wilson, 112 Post St., S. F. Contract price, \$8,785. A complete list of these figures appears under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

HOSPITALS.

OXNARD, VENTURA CO., CAL.—Hospital, 2 story and base, brick and steel. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. The building will be 40x150 feet with two wings 50 feet each. It will contain the usual wards, both public and private, operating rooms, kitchens and dining rooms. Special nurses' quarters will also be provided. There will be a central heating system and vacuum cleaning plant. Interior finish will be of

pine and hardwood. Tile will be used in the operating rooms and baths. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base. Class C construction, \$30,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Louis Friedman. The building is to be erected at the northeast corner of Bush and Grant avenue. The first floor will be arranged for stores and the hotel lobby. Upper floors will contain a number of single rooms and several baths. Interior finish will be of pine and redwood. There will be a hot water system. Some tile will be used in the entrance. Patent store fronts are specified. The exterior of the building will be faced with cement plaster. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel and stores, 3 story and base, brick. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owners, Stockton, Ice and Fuel Co. The building will occupy a corner site and will cover an area of 50x100 feet. Construction will be of brick and steel. The first floor will contain several stores besides the hotel lobby. Upper floors will be arranged for single rooms and baths. Interior finish will be of pine throughout. Entrance will be finished in mosaic and tile. A central heating system and running hot and cold water will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, brick, \$30,000. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner's cover an area of 50x112 feet. There will be stores and the lobby and entrance on the first floor. Upper floors will be arranged for about forty guest rooms and several baths. Interior finish will be of pine and redwood throughout. The exterior of the building will be faced with pressed brick. A hot water system will be installed. Plans are nearly ready for figures.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, brick, \$20,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Girlach. The building will be erected at the corner of Richmond and Railroad avenues and will cover an area of 40x50 feet. The first floor will contain the hotel offices, lobby, dining room and a bar. Upper floors are to be arranged for a total of forty guest rooms and a number of baths. Interior finish will be of pine throughout. All rooms will be supplied with hot and cold running water. There will be patent store fronts. The exterior of the building will be faced with pressed brick.

SAN FRANCISCO—Hotel, 2 story and base, reinforced concrete. Cost not stated. Architect, Clay N. Rurrell, Albany Bldg., Oakland. Owner, Miss E. Rickard. This work has been mentioned here before when plans were being prepared. Foundations and walls are of sufficient strength to carry four additional stories. There will be a large store and hotel entrance on the first floor and about forty guest rooms on the upper floor. Interior finish will be of pine. Bath rooms will have the wainscot. There will be patent store fronts. The exterior of the building

will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architects, Butler Bros., Mason Bldg., L. A. Owner, E. B. Dukeman. The building will have a street frontage of 64 feet and a depth of 165 feet. Interior will contain a total of 120 guest rooms and 20 baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior finish will be of pine throughout. Metal lath and plaster partitions will be used. The exterior of the building will be faced with pressed brick. Some tile will be used in the bath rooms. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, Mrs. F. W. Sabich. The building will cover an area of 50x150 feet. The first floor will contain a number of stores besides the hotel entrance, lobby and offices. Upper floors will be arranged for a large number of single rooms. There will be several baths on each floor. Plans include steam heat, elevator service and hot and cold running water. Metal window sash and frames are to be used. The entrance will be finished in tile and marble. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel 8 story and base, reinforced concrete. Cost not stated. Architect, W. J. Saunders, International Bank Bldg., L. A. Owners, Biescar Estate. Preliminary plans only have been prepared for this work and none of the details of construction are available at this time. The building will be erected on Hope street north of 8th, and is to be fireproof throughout. Complete details will be given as the plans progress.

LOS ANGELES, CAL.—Hotel, 12 story and base, Class A construction, cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Rosslyn Hotel Co. This building has been mentioned in these columns before when plans were first started. Working drawings for the structural steel, concrete work, masonry and carpentry work and plumbing are complete and figures are being taken. Construction will be Class A throughout. The structure covers an area of 158x115 feet and will contain a total of about 475 guest rooms. Construction cannot be undertaken until its leases on the present buildings expire, which is in November.

LIBRARIES.

SEATTLE, WASH.—Library, 1 story and base, brick and stone, \$30,000. Architect, W. Marbury Somervell, White Bldg., Seattle. Owners, City of Seattle. The architect has just been commissioned to prepare plans for a one-story building of brick and stone which will be erected at the corner of Vesler Way and 23rd avenue. Other than the fact that the building is to be faced with terra cotta and stone no details have been decided upon. Complete information will be given in these columns as the plans progress.

PORT TOWNSEND, WASH.—Library, 1 story and base, brick and con-

crete, \$15,000. Architects, C. Lewis Wilson Co., Northern Bank Bldg., Seattle. Owner, City of Port Townsend. Plans for this building have been completed and figures were opened by City Clerk George Anderson at Port Townsend on March 4th. An award of contract will be made within a few days.

RAILROAD CONST. STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad construction, \$21,990. Engineers, City Dept. of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Contractor, P. Roland, 550 Montgomery St., S. F. Contract price, \$21,990. Note: This contract calls for the completion of the Municipal road from Third and Market streets to the outer tracks on Market street at Sansome.

DOUGLASS, ARIZ.—Passenger depot, 2 story and base, brick and steel, \$75,000. Architect's name not given. Owners, El Paso and Southwestern R. R. Co. Work is to be started at once under the Day Labor system on the construction of the superstructure of the new depot. The building covers a large area. Interior will be finished in pine and hardwoods. The exterior will be faced with pressed brick.

Contracts Awarded.

WYOMING—Railroad construction, \$7,000,000. Engineers, Engineering Department Burlington Route. Owners, Burlington R. R. Contractors, Twohey Bros., Portland. Contract price, \$7,000,000.

RESIDENCES.

SAN FRANCISCO—Residences, 6, 2 story and base, frame, \$2,000 each. Architect, none. Owner, J. Anderson, 423 16th Ave., S. F. These dwellings are to be erected in the west line of 17th avenue, south of Anza street. Each house will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. Tile will be used in the kitchens and baths. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic shingles and cement plaster. Work will be started under the Day Labor system as soon as plans can be completed.

SAN FRANCISCO—Residence, 2 story and base, frame, \$1,000. Architect, Theo. S. Boehm, David Hewes Hewes Bldg., S. F. Owner, O. E. Anderson. This dwelling has been designed for an eight-room house with bath. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Furnace heat and open fire places will be used. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling is to be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$3,000 each. Architect, Joseph A. Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. The houses will be erected in Ingleside Terrace, and each will be

arranged for a seven-room dwelling with bath. Interiors will be finished in pine and redwood with oak floors in the principal rooms. There will be open fire places and brick or tile mantels. The exteriors will be covered with shingles and rustic. Tile will be used in the kitchens and bath rooms. Plans are complete and the owners are purchasing all materials. The work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1 1/2 story and base, frame, \$2,500. Architect, none. Owner, Ralph J. Hutton, 1039 Franklin St., S. F. The house will contain six rooms and has been designed in the bungalow style. Interior will be finished in pine and redwood. Floors in the living and dining rooms will be of hardwood. There will be and open fire place and brick mantel. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and shingles. Some elm panels will be used. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,500 each. Architect, none. Owner, Fernando Nelson, 30 Presidio Terrace. These houses will be erected in the Richmond District. Each will contain seven rooms and bath. All interior finish will be of pine or redwood. Some oak flooring will be used. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with shiplap and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owner, R. H. Banning, Mission Terrace, S. F. The house has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be an open fire place in the living room with a brick or tile mantel. Tile will be used in the bath room. The exterior of the house will be covered with rustic and cement plaster on metal lath. The work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owners, Homeland Building Co., Merchants National Bank Bldg., S. F. The house will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the two principal rooms. Tile will be used in the bath room and kitchen. There will be an open fire place and brick mantel. The exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1 1/2 story and base, frame, \$2,000. Architect, none. Owner, Emil Nelson, 550 Jersey St., S. F. The house has been designed to contain six rooms and bath. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the bungalow will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2

and base, frame, \$3,000. Architect Joseph M. Geary, 23rd and Polman Sts., S. F. Owners, Parkside Building Co. The house has been designed for a seven-room dwelling with bath. Interior will be finished in pine and redwood with some elm panels. There will be open fire places and tile or brick mantels. Hardwood floors will be used in the dining and living rooms. The exterior of the dwelling will be covered with shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO — Residence, 2 story and base, frame, \$3,000. Architect none. Owner, Frank J. Taylor, 11 Presidio Terrace, S. F. The house will be designed to contain seven rooms, bath and laundry. All interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will also be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO — Residences, 4 city blocks to be improved. Cost not stated. Architect, none. Owner, Fernando Nelson, 30 Presidio Terrace, S. F. Fernando Nelson has just purchased a tract covering the four city blocks, bounded by 27th avenue, 33rd avenue, Lincoln Way and Irving street, and which is located in one of the choicest parts of the Sunset District. Mr. Nelson has probably built more houses than any other one individual and his work has been of a character which assures his success in the present undertaking. His Sunset property with the new houses which are to be erected on it will represent an investment of \$750,000, and is said by real estate men to be the largest deal in this kind of property in the history of San Francisco. Between \$15,000 and \$20,000 will be expended in street improvements, grading, sewers, etc., in each of the four blocks. Mr. Nelson intends to erect two-story houses containing seven rooms each, and which will cost on an average of \$3,500.

BERKELEY, ALAMEDA CO., CAL. — Residences, 2, 2 story and base, frame, \$3,500. Architect, none. Owners, Patrick Nelson Co., 2025 Addison St., Berkeley. These houses will be designed for seven rooms and bath each. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL. — Bungalows, 4, 1 story and base, frame, \$2,500 each. Architect, W. H. Hudson, Albany Block, Oakland. Owners, Morse Hargrave Co. These houses will be erected in Cottage Court near Seminary avenue, and each will be arranged for six rooms and bath. All interior finish will be of pine. There will be open fire places and tile or brick mantels.

Oak floors will be used in the principal rooms. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and the owners are now purchasing all materials and will do the work by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, \$6,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, A. B. Stephens. This dwelling will be erected in the Piedmont by the Lake Tract and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine, redwood and hardwood. Oak floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. There will be an automatic water heater. Exterior of the house will be covered with rustic. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL. — Bungalow, 1 story and base, frame, \$2,300. Architects, F. R. Peake Co., 2127 University Ave., Berkeley. Owner, L. R. Wilson. The house will contain 5 rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the dining and living rooms. There will be open fire places and tile or brick mantels. The exterior of the house will be covered with rustic. Plans are complete and the work is to be done by Day Labor.

OAKLAND, CAL. — Residence, 2 story and base, frame, \$3,500. Architect, A. Howard Peterson, Mills Bldg., S. F. Owner, E. H. Baker. The house will contain seven rooms and bath. Interior will be finished in pine throughout with some hardwood floors and hardwood panels in the dining and living rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and figures are being taken by the architect.

BERKELEY, ALAMEDA CO., CAL. — Residence, 2 story and base, frame, \$4,000. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owners, Marshall and Diggs. The house will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL. — Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, L. W. Button, 5930 Telegraph Ave., Berkeley. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are com-

plete and in the hands of the owner who will do the work by Day Labor.

MADERA, MADERA CO., CAL. — Residence, 2 story and base, frame, \$8,000. Architects, Parker & Kenyon, 241 Kearny St., S. F., associated with J. Carl Thayer, Fresno. Owner, Richard Roberts, Commercial Bank of Madera. The dwelling will contain eight rooms, baths and sleeping porch. Interior will be finished in pine, redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the baths and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO — Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, Adfred T. Merris, 616 9th Ave., S. F. The house will contain six rooms and bath. Interior finish will be of pine throughout. There will be an open fire place with tile or brick mantel in the living room. Some oak floors will be used. Tile will be used in the bath room and kitchen. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO — Bungalows, 4, 1 story and base, frame, \$1,500 each. Architect, none. Owner, M. Anderson, 291 Church St., S. F. These houses will be erected on Noe street, north of Duncan. Each will contain five rooms and bath. All interior finish will be of pine or redwood. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic and shingles. Plans are in the hands of the owner and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL. — Residence, 2 story and base, frame, \$2,500. Architect, R. B. Hotchkiss, Bacon Bldg., Oakland. Owner, Wilson Flagg, Bonita Ave., Berkeley. The houses will contain five rooms and bath. Interior finish will be of pine throughout. Some oak floors will be used. There will be an open fire place with the mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and figures are being taken by the architect.

RICHMOND, CONTRA COSTA CO., CAL. — Residence, 2 story and base, frame, \$3,500. Architect, J. B. Ogborn, Richmond. Owner, J. C. Shepherd. The house is designed to contain seven rooms and bath. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

HOLLYWOOD, LOS ANGELES CO., CAL. — Residence, 2 story and base, frame, \$20,000. Architect, R. Cooper Corbett, Union Oil Bldg., L. A. Owner, Mr. Perry. The dwelling will contain in the neighborhood of fourteen rooms and several baths. Interior finish will be of pine and hardwoods, oak floors will be used throughout except

the bath rooms which will have composition floors and tile wainscot. There will be furnace heat and an automatic water heater. There will be fire places and brick mantels. A tile roof is specified. The exterior of the dwelling will be covered in cement plaster on metal lath. Plans are being prepared for the work.

SCHOOLS.

KINGS CITY, MONTEREY CO., CAL.—School, 1 story and base, frame and concrete, \$22,500. Architect, H. B. Kelas, Watsonville. Owners, Kings City School District. The building will contain six class rooms and an assembly hall. The design is in the Mission style, the exterior to be faced with cement plaster on metal lath. There will be furnace heat and a program air system. Interior finish will be pine throughout. Plans are complete and figures for the construction were opened on Saturday last. A complete list of the bids will appear in our next issue.

LAFT, KERN CO., CAL.—School, 1 story and base, brick, \$30,000. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Conley School District. Plans have been accepted by the Board of School Trustees for this building and construction work will be undertaken early in March. The building contains six class rooms and an assembly hall. Interior finish will be of pine throughout. The exterior will be faced with cement plaster. Roof will be of red clay tile. Bids will be called by the Board of Trustees. Plans will be secured from the architect.

LONG BEACH, LOS ANGELES CO., CAL.—School, 3 buildings, 1 story and base, brick, \$110,000. Architect, A. Inside Sturgess, Long Bldg., L. A. Owners, City of Long Beach. Two of the buildings will contain six standard class rooms, auditorium to seat 300, offices, etc., and will cost about \$30,000 each. They will be erected at the Maple street and East Fourth street corners. The other building will contain ten standard class rooms, auditorium to seat 500, library, offices, etc., and will cost about \$50,000. The buildings will be of brick construction and will probably be plastered on the exterior. Seventeen sets of plans were received in competition by the Board of Education.

Contracts Awarded.

ORANGE, ORANGE CO., CAL.—Schools, 2, 1 story and base, brick and concrete. Cost not stated. Architect, H. Eley, Santa Ana. Owners, City of Orange. Contractor, George Buchel, general construction, \$26,774. American Heating Co., California Bldg., L. A., heating and ventilating, \$450.

SEATTLE, WASH.—School, 2 story and base, reinforced concrete, \$76,760. Architect's name not given. Owners, City of Seattle. Contractor, J. W. Lawson, High Bldg., Seattle. Contract price, \$76,760.

SEATTLE, WASH.—School, 2 story and base, reinforced concrete, \$77,474. Architect's name not given. Owners, City of Seattle. Contractors, Manhattan Co., Inc., Central Bldg., Seattle. Contract price, \$77,474.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO.—Water tank, etc., reinforced concrete. Cost not stated. Engineer, City Dept. of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for a large reservoir with a capacity of 750,000 gallons have been approved and ordered constructed. Bids will be opened by the Board of Public Works on March 12th. The reservoir will be erected on the block bounded by Jones, Le Roy Place, Sacramento and Clay streets. Separate bids will be taken for the construction and for furnishing the pipes, valves and specials. Plans can be obtained from the Engineering Department.

PUEBLO, LOS ANGELES CO., CAL.—Reservoir, reinforced concrete. Cost not stated. Engineer, George W. Harding, 634 Citizens' National Bank Bldg., L. A. Owners, Puente Water Co. The reservoir will be of reinforced concrete. The capacity of the big tank is to be 3,000,000 gallons. Plans are complete and figures are being taken by the engineer.

SAN DIEGO, CAL.—Water main extensions. Cost not stated. Engineer, H. A. Whitney, San Diego Water Department. Owners, City of San Diego. Plans are being prepared for a second high pressure pipe line from the Chollas Reservoir to San Diego. The line will be of 28-inch pipe and four and one-half miles long. Bids will be called for as soon as the plans can be completed.

STORES & OFFICE BUILDINGS

OAKLAND, CAL.—Stores and offices, 8 story and base. Class A construction. Cost not stated. Architect, John Galen Howard, 604 Mission St., S. F. Owners, Sather Estate. This building is proposed for the northeast corner of 12th and Castro streets. Only preliminary plans have been prepared and no details will be given out for some time. Construction is to be fireproof throughout with a complete steel frame and reinforced concrete walls and floors. Further particulars will be given as the plans progress.

LOS ANGELES, CAL.—Stores and lofts, 8 story and base. Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Metropolitan Fireproof Building Co. This building will be erected at the northwest corner of Broadway and 5th street. The first floor will be arranged for stores and the upper floors for lofts suitable for light manufacturing purposes. Interior will be finished in pine. There will be fireproof doors, metal lath and plaster interior partitions and metal window frames and sash. Plans provide for elevator service, mail chutes, a vacuum cleaning system and automatic sprinklers. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base. Class B construction. Cost not stated. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Edward D. Silent & Co. The building will cover an area of 60x51 feet with an L 39x109 feet. There will

be a steel frame with exterior walls of brick and terra cotta. The interior will be finished in pine and hardwood. There will be metal window sash and frames, elevator service, a vacuum cleaning system and steam heat. The wing portion of the structure will be but two stories in height. Plans are complete and figures are being taken.

Contracts Awarded.

SEATTLE, WASH.—Stores and offices, 2 story and base, brick and concrete, \$15,000. Architect, Charles Hayes, Melhorn Bldg., Seattle. Owners, John Ahlberg et al. Contractor, S. G. Combs, 521 5th Ave., Seattle. Contract price \$45,000.

SEATTLE, WASH.—Store and office repairs, \$55,000. Architects, Behl & Mendell, Haight Bldg., Seattle. Owners, Denny Bldg. and Times Bldg. Contractors have just been awarded for the repair of fire damage to these two buildings. Contractor Alexander Pearson, New York Bldg., secured both contracts, the work on the Times Bldg. Bldg. to \$25,000.

amounting to \$20,000 and on the Denny

SEALED PROPOSALS.

PROPOSALS FOR DUMP CARS.

DUMP CARS.—Sealed proposals, indorsed "Proposals for 20-year Air Dump Cars," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., April 5, 1913, and then and there publicly opened, for thirty 20-year air dump cars at the naval station, Pearl Harbor, Hawaii. Specifications can be obtained on application to the bureau or to the commandant of the naval station. H. R. STANFORD, chief of bureau.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 763-B.—Office of the General Purchasing Officer, Isthmian Canal Commission, Washington, D. C.—Sealed proposals will be received at this office until March 8, 1913, under proposal 763-B for furnishing binders' board, memorandum books, Bristol board, pad-board, onion skin paper, bond paper, book paper and strawboard. For further information address F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BUILDING.

BUILDING.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope: "Proposals for Frame Day School Building, Arapaho Day School, Wyo.," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian office until 2 o'clock p. m., March 15, 1913, for furnishing material and labor for the erection of a frame day school building at the Arapaho Indian day school, Shoshone reservation, Wyoming, in strict accordance with the plans, specifications, and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo.; the U. S. Indian warehouse at San Francisco, Cal.; and the Shoshone school. For further information apply to the superintendent of the Shoshone Indian school, Wind River, Wyo. F. H. ABBOTT, acting commissioner.

PROPOSALS FOR CEMENT.

CEMENT—U. S. Engineer Office, Portland Ore. Sealed proposals for furnishing 100,000 barrels cement will be received here until **11 o'clock a. m. March 10, 1913**, and then publicly opened. Information on application. **JAY J. MORROW**, major, engineers.

PROPOSALS FOR GENERATOR SETS.

GENERATOR SET AND SWITCHBOARD ACCESSORIES—Sealed proposals, Indorsed "Proposals for Motor Generating Set," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. March 22, 1913**, and then and there publicly opened, for one 200-kilowatt motor generator set and switchboard accessories at the naval station, Pearl Harbor, H. T. Specifications can be obtained on application to the bureau. **H. R. STANFORD**, chief of bureau.

PROPOSALS FOR BRIDGE WORK.

PURSUANT to an order of the Board of Supervisors of the County of Stanislaus, State of California, duly made on the 15th day of February, 1913, notice is hereby given that sealed bids will be received by the undersigned up to and not later than **10:30 a. m. of the 11th day of March, 1913**, for the erection and construction of a bridge over the Tuolumne River at the town of La Grange, Stanislaus County, California, in accordance with the plans and specifications therefor prepared by the County Surveyor of said county and now on file in the office of the County Clerk of said county, where the same may be seen by intending bidders during business hours.

All bids must be accompanied by a certified check on some solvent bank of the State of California, in a sum equal to 10 per cent of the amount bid, conditioned that the successful bidder will enter into such contract and furnish such bonds as may be required within ten days after the award, or failing so to do, will forfeit the amount of such check as liquidating damages for such failure.

The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of the County of Stanislaus, State of California. **H. BENSON**, Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal., 27th February, 1913.—Sealed proposals, in triplicate, for oil distributing system and oil burners at Fort Baker and Fort Mason, Cal., and oil burners at Presidio of San Francisco and Fort Winfield Scott, Cal., will be received here until **11 a. m. 13th March, 1913**, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals should be marked "Proposals for Installing Oil Burners" and addressed to **CAPTAIN E. S. WALTON**, Q. M. Corps. (*)

PROPOSALS FOR CONCRETE TANK. **OFFICE OF THE BOARD OF PUBLIC WORKS** of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on**

Wednesday, the 12th day of March, 1913, for doing the following work, to wit:

(1) The construction of one 750,000 gallon reinforced concrete tank on property between Leroy Place and Jones street, in the block bounded by Sacramento, Jones, Clay and Leavenworth streets.

(2) The furnishing, testing and delivering of Valves, Pipes, and Fittings, for one 750,000 gallon reinforced concrete Tank on property between Leroy Place and Jones street in the block bounded by Sacramento, Jones, Clay and Leavenworth streets.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications thereon on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar

days and completed within one hundred and thirty (130) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$10,000.00. All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposals will be furnished gratuitously upon application to the office of the City Engineer, and a proposal must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL**, Secretary.

Plans describing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, are carefully classified as to location. These same items are repeated in the far left part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

San Francisco.

RESIDENCES—6, 2 story and base, frame, \$2,000 each. San Francisco. Architect, none. Owner, J. Anderson, 123 16th Ave., S. F. These dwellings are to be erected in the west line of 17th avenue, south of Anza street. Each house will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living and dining rooms. Tile will be used in the kitchens and baths. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic, shingles and cement plaster. Work will be started under the Day Labor system as soon as plans can be completed.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, Theo. S. Boehm. David Hewes Bldg., S. F. Owner, O. E. Anderson. This dwelling has been designed for an eight-room house with bath. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Furnace heat and open fire places will be used. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling is to be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, Joseph A. Leonard. Phelan Bldg., S. F. Owners, Urban Realty Co. The houses will be erected in Ingleside Terrace and each will be arranged for a seven-room dwelling with bath. Interiors will be finished in pine and redwood with oak floors in the principal rooms. There will be open fire places and brick or tile mantels. The exterior will be covered with shingles and rustic. Tile will be used in the kitchens and bath rooms. Plans are complete and the owners are purchasing all materials. The work will be done by Day Labor.

BUNGALOW—1½ story and base,

frame, \$2,500. San Francisco. Architect, none. Owner, Ralph J. Butto 1039 Franklin St., S. F. The house will contain six rooms and has been designed in the bungalow style. Interior will be finished in pine and redwood. Floors in the living and dining rooms will be of hardwood. There will be an open fire place and brick mantel. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and shingles. Some clay panels will be used. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$2,500 each. San Francisco. Architect, none. Owner, Fernand Nelson. 30 Presidio Terrace. The houses will be erected in the Richmond District. Each will contain 7 rooms and bath. All interior finish will be of pine or redwood. Some open flooring will be used. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with shiplap and rustic. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, R. H. Bannion. Mission Terrace, S. F. The house has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be an open fire place in the living room with brick or tile mantel. Tile will be used in the bath room. The exterior of the house will be covered with rustic and cement plaster on metal lath. The work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, Homeland Building Co., Merchants National Bldg., S. F. The house will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the two principal rooms. Tile will be used in the bath room and kitchen. There will be an open fire place and brick mantel. The exterior of the dwelling will be covered

ed with rustic and shingles. Plans complete and the work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Emil Nelson, 580 Geary St., S. F. The house has been designed to contain six rooms and three baths. All interior finish will be of pine or redwood. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the bungalow will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Joseph M. Geary, 23rd and Folom Sts., S. F. Owners, Parkside Building Co. The house has been designed for a seven-room dwelling with bath. Interior will be finished with pine and redwood with some elm panels. There will be open fire places and tile or brick mantels. Hardwood floors will be used in the dining and living rooms. The exterior of the dwelling will be covered with shingles and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Frank J. Taylor, 4 Presidio Terrace, S. F. The house will be designed to contain seven rooms, bath and laundry. All interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Tile will also be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—4 city blocks to be improved. Cost not stated. San Francisco. Architect, none. Owner, Fernando Nelson, 30 Presidio Terrace, S. F. Fernando Nelson has just purchased a tract covering the four city blocks bounded by 27th avenue, 33rd avenue, Lincoln Way and Irving street, and which is located in one of the choicest parts of the Sunset District. Mr. Nelson has probably built more houses than any other individual and his work has been of a character which assures his success in the present undertaking. His Sunset property with the new houses which are to be erected on it will represent an investment of \$750,000, and is said by real estate men to be the largest deal of this kind of property in the history of San Francisco. Between \$15,000 and \$20,000 will be expended in street improvements, grading, sewers, etc., in each of the four blocks. Mr. Nelson intends to erect two-story houses containing seven rooms each and which will cost on an average of \$3,500.

APARTMENT HOUSE—6 story and base, brick and steel, \$75,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected on

Bush street west of Mason and will be arranged for a number of two and three room suites. All suites will have connecting baths. There will be steam heat, elevator service, a vacuum cleaning system and a hot water plant. Interior finish will be of pine, redwood and hardwoods. Bath rooms will be finished in tile and will have composition floors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, cost not stated. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, William Bush. The building will be erected at the northeast corner of Hyde and Vallejo streets, and will cover an area of 24x60 feet. The first floor will contain stores and the upper floors will be divided into six apartments of three rooms each. There will be private baths and wall beds. Interior will be finished in pine with some oak floors. A hot water plant will be installed. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$18,000. San Francisco. Architect, Albert Schroeffer, Foxcroft Bldg., S. F. Owner, William Menser. The building will cover an area of 32x77 feet, and is designed for six apartment flats with baths and wall beds. Interior finish will be of pine, redwood and hardwood. Bath rooms will have composition floors and tile wainscot. There will be steam heat and a hot water system. Entrance vestibule will be finished in marble and tile. The exterior of the house will be covered with tapestry brick veneer and rustic. Plans are complete and the work will be sublet by the architect.

APARTMENT HOUSE—3 story and base, frame, \$11,000. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, J. Eric Johnson. The building will be erected on Pine street and will cover an area of 25x72½ feet. The interior will be arranged for three-room suites with private baths and wall beds. A central heating system will be installed. Interior finish will be of pine with some hardwood floors. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic Ave., S. F. The building is to be erected at the corner of Fell and Cole streets, and will cover an area of 28½x90 feet. There will be nine apartments of three rooms and bath each. All suites will have wall beds and hot and cold running water. Interior finish will be of pine and redwood with some oak floors. Bath rooms will have composition floors. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, Hans Petersen. The building will contain eight apartments of three rooms and bath each. All suites will be equipped

with wall beds and will have hot and cold running water. Interiors will be finished in pine and redwood with some oak floors. A central heating system will be installed. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—4 story and base, brick and steel, cost not stated. San Francisco. Architect, William Helbling, 1129 Market St., S. F. Owners, William Helbling and Oscar Curtaz. The building will be erected at the corner of Post and Leavenworth streets, and will cover an area of 112½x87½ feet. Interior will be arranged for a number of two and three room suites with private baths and wall beds. There will be steam heat, elevator service, a hot water plant and vacuum cleaning system. Interior finish will be of pine and redwood with some ornamental plaster used in the entrance. The exterior of the building will be faced with pressed brick. Plans are being prepared and the work will be done by Day Labor.

APARTMENT HOUSE—2 story and base, frame, \$12,000. San Francisco. Architect, J. E. Dunn, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. The building will contain twelve apartments of two and three rooms each with wall beds and private baths. Interior finish will be of pine and redwood throughout. A central heating system will be installed and a vacuum cleaning plant. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the owners are taking figures on the work.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, Theodore E. Rulfs. The building will be erected at the southeast corner of Pine and Leavenworth streets. The first floor will be arranged for stores and upper two floors for a number of two and three room apartments with private baths and wall beds. All interior finish will be of pine. Hardwood floors will be used in some of the rooms. Baths will have composition floors. There will be steam heat, a vacuum cleaning system and hot water plant. The exterior of the building will be covered with brick veneer and shiplap. Plans are being prepared.

FLATS—3 story and base, frame, \$5,000. San Francisco. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, F. Radmanovic. The building will contain three modern flats of four, five and six rooms. Interior finish will be of pine and redwood with some hardwood floors. There will be either open fire places or gas grates. Mantels will be of tile. Tile will be used in the bath rooms and kitchens. The exterior of the building will be covered with cement plaster and rustic. Plans are complete and figures are being taken on the work.

FLATS AND STORES—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Jacob Bachmann, 4644 Geary St., S. F. The building will cover an area of 25x74 feet. The first floor will be arranged for one store and the upper floor for modern flats. Interior finish will be of pine and redwood with some oak floors. There will be open fire places and brick or tile mantels. Store will have plate glass windows. The exte-

floor will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, William Cadigan, 206 Steiner St., S. F. The building has been designed to contain two flats of five and six rooms each with bath. The building will cover a lot 25x44 feet. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. The exterior of the house will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

FLAT ALTERATIONS—Frame construction, \$2,500. San Francisco. Architects, Righeiti & Headman, Phelan Bldg., S. F. Owner, L. Boggione. This work will include raising the present building and constructing a store on the first floor. Alterations will require new plaster, painting, plumbing, electric work and interior finish. The exterior will be covered with rustic. Plans are complete and the owner is doing the work by Day Labor.

FLATS—2 story and base, frame. Cost not stated. San Francisco. Architect, none. Owner, M. F. Muller, 69 Brosnan St., S. F. The building will cover an area of 25x60 feet, and has been designed to contain two modern flats of five and six rooms each with bath. Interiors will be finished in pine and redwood. Some oak floors will be used. There will be either open fire places or gas grates in the living rooms. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$10,000. San Francisco. Architects, C. M. and A. P. Rousseau, Monadnock Bldg., S. F. Owner, Peter Canby. This building will be erected on Green street near Leavenworth, and is to be designed for a number of high-class residential flats. Interiors will be finished in pine and hardwood with hardwood floors in the principal rooms. A central heating system will be installed. There will also be open fire places and brick or tile mantels. Bath rooms will have tile wainscot and composition floors. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architects.

FLATS—2 story and base, frame, \$10,000. San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, C. C. W. Haun. The building will be erected on Capp street, north of 21st street, and will cover an area of 21x66 feet. The interior will be arranged for six apartment flats of four and five rooms each. All suites will have bath and wall beds. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places and Dutch tile mantels. Baths will have tile wainscot. The exterior of the building will be covered with brick veneer and rustic. Plans are complete and the work will be done by Day Labor.

HOTEL—3 story and base, Class C construction, \$30,000. San Francisco.

Architect, Joseph Cohen, 15 Kearny St., S. F. Owner, Louis Friedman. The building is to be erected at the northeast corner of Bush and Grant avenue. The first floor will be arranged for stores and the hotel lobby. Upper floors will contain a number of single rooms and several baths. Interior finish will be of pine and redwood. There will be a hot water system. Some tile will be used in the entrance. Patent store fronts are specified. The exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTEL—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner Miss E. Rickard. This work has been mentioned here before when plans were being prepared. Foundations and walls are of sufficient strength to carry four additional stories. There will be a large store and hotel entrance on the first floor and about 40 guest rooms on the upper floor. Interior finish will be of pine. Bath rooms will have tile wainscot. There will be patent store fronts. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

WAREHOUSE—3 story and base, mill construction. Cost not stated. San Francisco. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Warehouse Investment Co. This building, which is to be erected on King street, will cover a large ground area. Plans provide for an automatic sprinkler system, fireproof doors and metal window frames and sash. The exterior of the building will be faced with stock brick. The structure has been leased for a long term to Castel Bros. Plans are complete and a contract for the excavating has been let. Other parts of the work are now out for figures.

OIL DISTRIBUTING SYSTEM AND OIL BURNERS—Cost not stated. Presidio of San Francisco. Engineers, Constructing Q. M. Dept., Capt. E. S. Walton, Presidio, in charge. Owners, U. S. Government. Plans and specifications have been completed for the construction of an oil distributing system and for furnishing oil burners for the Presidio of San Francisco. Engineers, Comm. are now being taken and will be opened on March 13th. Plans and specifications can be secured from Capt. E. S. Walton of the Q. M. Dept., Presidio of San Francisco.

RAILROAD CONSTRUCTION—\$21,990. San Francisco. Engineers, City Dept. of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Contractor, F. Rolandt, 550 Montgomery St., S. F. Contract price, \$21,990. Note: This contract calls for the completion of the Municipal road from Third and Market streets to the outer tracks on Market street at Sansome.

RESIDENCE—2 story and base, frame, \$2,100. San Francisco. Architect, none. Owner, Alfred T. Merris, 616 9th Ave., S. F. The house will contain six rooms and bath. Interior finish will be of pine throughout. There will be an open fire place with tile or brick mantel in the living room. Some oak floors will be used. Tile will be used in the bath room and kitchen. The exterior of the building will be covered with rustic and cement plaster

on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOWS—4, 1 story and base, frame, \$1,500 each. San Francisco. Architect, none. Owner, M. Anderson, 234 Church St., S. F. These houses will be erected on Noe street, north of Duncan. Each will contain five rooms and bath. All interior finish will be of pine or redwood. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic and shingles. Plans are in the hands of the owner and the work will be done by Day Labor.

WATER TANK, ETC.—Reinforced concrete. Cost not stated. San Francisco. Engineer, City Dept. of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for a large reservoir with a capacity of 750,000 gallons have been approved and ordered constructed. Bids will be opened by the Board of Public Works on March 12th. The reservoir will be erected on the block bounded by Jones, Le Roy Place, Sacramento and Clay streets. Separate bids will be taken for the construction and for furnishing the pipes, valves and specials. Plans can be obtained from the Engineering Department.

Building Contracts.

CHURCH—Class A construction. Cost not stated. San Francisco. Architects, Shea & Lofquist, 550 Montgomery St., S. F. Owners, Mission Dolores. Contractors: Excavating has been awarded to J. J. Leonard, 180 Jessie St., S. F., and the structural steel work to the Central Iron Works, 651 Florida St., S. F. at \$85 per ton. Plans for the other parts of the work are being completed as rapidly as possible, and bids will be called for shortly.

BUILDING SUPERINTENDENT.

Glacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
651	Hubbell	Upham	2650
652	O'Reilly	Gillegley	3900
653	Cauby	Johanson	11550
654	Ferro	De Benedetti	1450
655	Button	Button	2500
656	Roand	Roand	40000
657	Homeland Bldg.	Owner	1000
658	Banning	Banning	2000
659	Nisson	Nisson	1950
660	Frappoli	Carnigranni	500
661	No Per Drug	Noveltly	1600
662	Bisagno	Perrazo	700
663	Nelson	Nelson	2500
664	Nelson	Nelson	2500
665	Keenan	Keenan	9000
666	Bushey	Bushey	1000
667	Muller	Muller	3500
668	Moore	Burlingame	1500
669	Nelson	Nelson	2000
670	Portmann	Portmann	400
671	Lopez	Lopez	500
672	Garibaldi	Eccles	900
673	Baer	Baer	800
674	Anderson	Anderson	1000
675	Gilson	Gilson	400
676	Cadigan	Cadigan	3000
677	Anderson	Anderson	1800
678	Diogenes	Owner	1000
679	Sallbach	Sallbach	1000
680	Anderson	Anderson	2000
681	Anderson	Anderson	2000
682	Anderson	Anderson	2000
683	Anderson	Anderson	2000
684	Anderson	Anderson	2000
685	Anderson	Anderson	2000

Lloyd S. Ackerman

Attorney-At-Law

Rooms 414-418 Nevada Bank Bldg.
14 Montgomery St., S. F.

686	Anderson	Anderson	4000
687	Attock	Mattick	1000
688	Hammond	Lansing	8819
689	Colton	Glunz	7000
690	Bergstrom	Lange	5800
691	Johanson	Johanson	11000
692	Bachman	Bachman	5000
693	Urban	Urban	3000
694	Nilson	Sandberg	1500
695	Urban	Urban	3000
696	Woolfrey	Woolfrey	1200
697	Morris	Morris	2100
698	Stromswald	Owner	1950
699	Same	Same	1750
700	Schlundt	McCausland	4000
701	Andrews	Yates	3000
702	Ins Exchange	Moore	4445
703	Thompson	Doulin	5600
704	Sierra	McLelland	4450
705	Tietjen	Finlayson	2225
706	Taft	Thunberg	8155
707	Un Pac Salt	Brandon	4575
708	LeFranc	Owsley	785
709	McElroy	Van Emon	2400
710	McElroy	McElroy	1400
711	Wesendunk	Wesendunk	800
712	Same	Same	1650
713	Hann	Hann	10000
714	Taylor	Taylor	3000
715	Parkside Bldg Co.	Owner	2000
716	Sensor	Mensor	18000
717	Tivoli	Brumfield	400
718	Assente	Brown	475
719	De Martini	De Martini	1500
720	Wright	Wright	800
721	Hogan	Hogan	750
722	Allred	Allred	1600
723	Same	Same	1000
724	Moore	Burlingame	1500
725	Keck	Pinkerton	400
726	Bettencourt	Owner	500
727	Keen	Keen	450
728	Forno	Valente	1750
729	Leyden	Store Bldg	500
730	Brownell	Schmidt	1000
731	Capazzi	Sauers	1000
732	Gantillo	Gardner	450
733	Gallagher	Murray	400
734	Kelly	Bryne	600
735	Towne	Bleech	450
736	Anderson	Anderson	1400
737	Same	Same	1400
738	Same	Same	1400
739	Same	Same	1400
740	Stewart	McLean	13000
741	Same	Central Elec	8494
742	Same	Floodberg	13500
743	Same	McLean	29000
744	Same	Forderer	7350
745	Same	Snook	12975
746	Same	Olsen	2450
747	Larsen	Camp	3000
748	Fisher	Johnson	9285

(651) E THIRTY-FIRST AVE 500 N
Fulton. Carpenter, plastering, paint-
ing, plumbing and tinning and fence
for one-story frame cottage.
Owner.....Leroy S. Hubbell, 7115 Geary,
San Francisco.

Architect...Plans by Owner.
Contractor...W. H. Upham 478 35th
Ave., San Francisco.

Filed Feb. 24, '13. Dated Feb. 5, '13.
Frame up and ready for shingles.....\$550
1st coat plaster on.....500
Completed and accepted.....500
Usual 35 days.....500
TOTAL COST, \$2050

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(652) W THIRTY-FOURTH AVE 200
S Lincoln Way S 25xW 120. All work
for two-story 5-room building, flat
and store.

Owner.....Arthur J. and Anna M.
O'Reilly.

Designer...J. W. Gillogley.
Contractor...J. Gillogley & Sons, 714
San Jose Ave., S. F.

Filed Feb. 24, '13. Dated Feb. 17, '13
Rough frame up.....\$1075
Brown coated, \$1075 in cash and
deed to property located E 34th
Ave 100 S Lincoln Way S 25x
E 120.....TOTAL COST, \$3900

Bond, \$1950. Sureties, Sylvain Lazeros
and It. W. Gillogley. Limit, forfeit,
none. Plans and specifications filed.

(653) S PINE 87-6 E Leavenworth E
25xS 100. All work for three-story
and basement frame apartments.
Owner.....Peter Cauba, 1013 Leaven-
worth, San Francisco.

Architect...C. M. A. F. and O. M.
Rousseau, Monadnock Bldg
San Francisco.

Contractor...J. Eric Johanson, 2726 20th
San Francisco.

Filed Feb. 24, '13. Dated Feb. 24, '13.
Frame up & ready for roof, \$2887 50
Brown coated.....2887 50
Completed and accepted.....2887 50
Usual 35 days.....2887 50

TOTAL COST, \$11,550 00
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(654) S TWENTY-THIRD 53-4 W
York W 46-7xS 104. Alterations
and additions to two-story frame
building.

Owner.....Ferro Bros, 2813 23rd,
San Francisco

Architect...Chas. Fantoni, 628 Mont-
gomery, San Francisco.

Contractor...A. De Benedetti and G.
Cuneo.

Filed Feb. 24, '13. Dated Feb. 21, '13
Completed and accepted.....\$964
Usual 35 days.....486

TOTAL COST, \$1450
Bond, \$725. Sureties, Pio Demartini

Feb. 24. Forfeit, \$5. Plans and speci-
fications filed.

(655) S TWENTY-SIXTH 135 E Noe.
One and one-half-story and basement
frame dwelling.

Owner.....Ralph J. Butten, 1029
Franklin, San Francisco.

Architect...None.
Day's work. COST, \$2500

(656) NW JONES AND UNION. Three
story and basement frame (29)

apartments.
Owner.....F. Rolandi, 801 Bank of
Italy, San Francisco.

Architect...Sidney B. Newsom, 1101
Nevada Bank Bldg., S. F.

Day's work. COST, \$40,000

(657) N JUDSON 220 W Detroit. One
story and basement frame dwelling.

Owner.....Homeland Bldg. Co., Mer-
chants National Bk Bldg.,
San Francisco.

Architect...None.
Day's work. COST, \$2600

(658) NE CAPISTRANO 466 SE San
Jose Ave. One-story and basement
frame dwelling.

Owner.....R. H. Banning, Mission
Terrace, San Francisco.

Architect...None.
Day's work. COST, \$2000

(659) N CAPISTRANO 490 E San
Jose Ave. One-story and basement
frame dwelling.

E. H. Williams Chelmer Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building
Law and Bankruptcy Cases

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615 Phelan Building, San Francisco

Owner.....N. F. Nilsson, 355 Cole-
ridge, San Francisco

Architect...None.
Day's work. COST, \$1950

(660) NW GREENWICH & STEINER.
Add one room and repair dwelling.

Owner.....F. Frapolli, Cr Contractor.
Architect...None.

Contractor...P. Carnigranni, 1970 Lom-
bard, San Francisco.

Day's work. COST, \$500

(661) NW ELLIS AND FILLMORE.
Electric sign.

Owner.....No Percentage Drug Co.,
Premises.

Architect...None.
Contractor...Novely Elec. Sign Co., 165
Eddy, San Francisco.

Day's work. COST, \$500

(662) E ANDOVER 85 N Cortland.
One-story and basement frame dwlg.

Owner.....P. Bisagno, 436 Cortland,
San Francisco.

Architect...None.
Contractor...F. Perrazzo, 503 Moultrie,
San Francisco.

Day's work. COST, \$700

(663) W SIXTEENTH AVE 225 S
Clement. Two-story and basement
frame residence.

Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.

Architect...None.
Day's work. COST, \$2500

(664) W SIXTEENTH AVE 260 S
Clement. Two-story and basement
frame residence.

Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.

Architect...None.
Day's work. COST, \$2500

(665) NW FELL AND COLE Three-
story and basement frame (9) apart-
ments.

Owner.....C. J. & W. J. Keenan,
Hayes and Masonic, S. F.

Architect...None.
Day's work. COST, \$9000

(666) N BRAZIL 25 E Prague. One-
story and basement frame dwelling.

Owner.....M. Bushey, 15 Logan, S. F.
Architect...None.

Day's work. COST, \$1000

(667) S DUNCAN 185 W Guerrero.
Two-story and basement frame flats.

Owner.....M. F. Muller, 69 Brosnan,
San Francisco.

Architect...None.
Day's work. COST, \$3500

(668) E OTSEGO 125 S San Juan.
One-story and basement frame dwlg.

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You can now specify curved or arched construction—admittedly the strongest type—without the prohibitive cost of form work.

This expense is no longer necessary. Eliminate it entirely by using a reinforcement which is also a centering.

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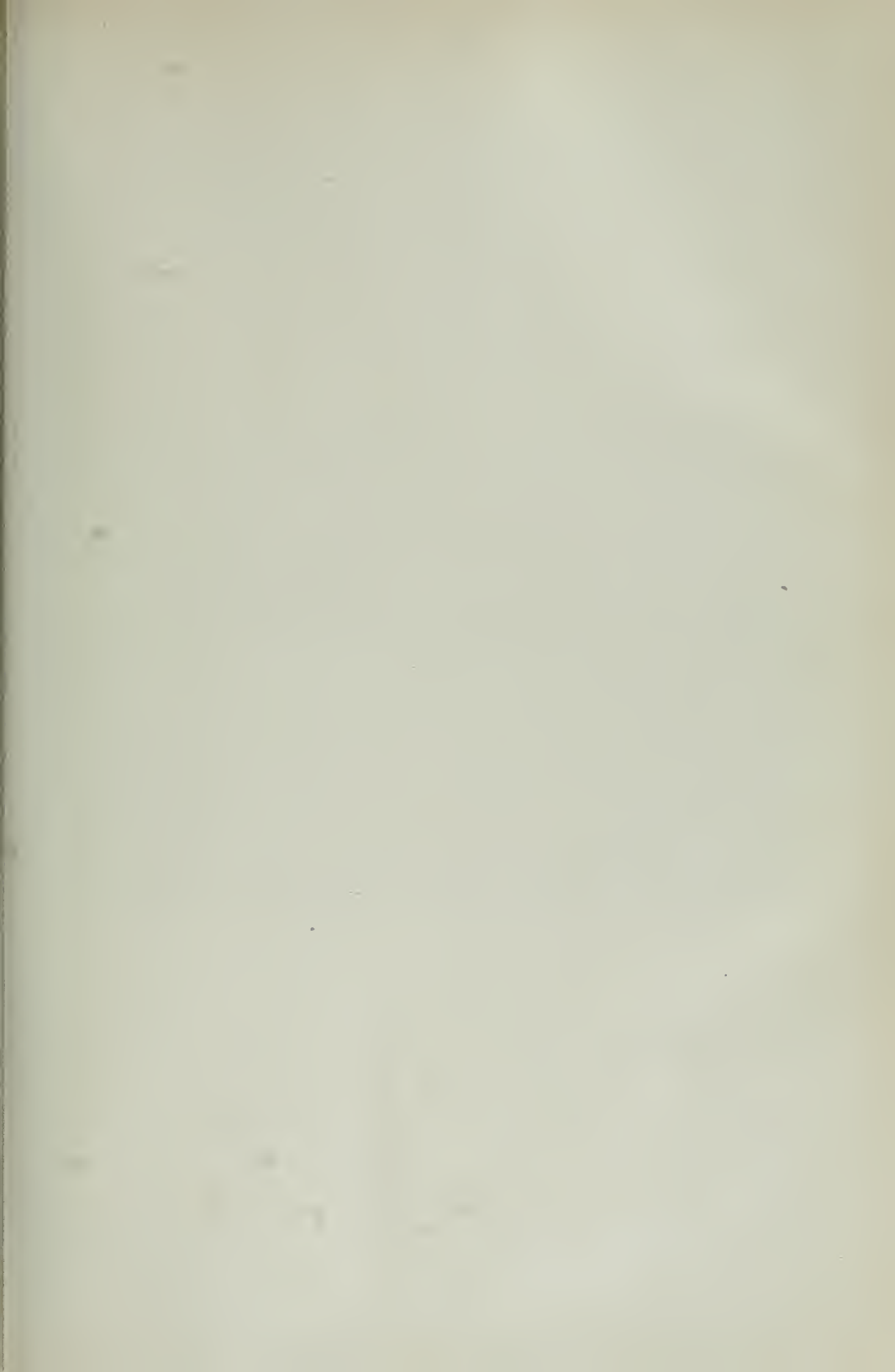
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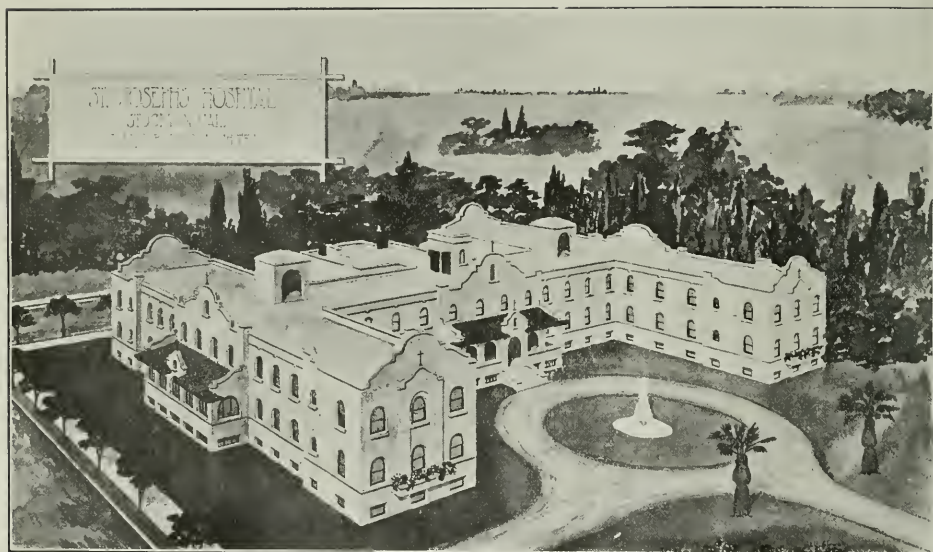
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Stockton Cal.

Walter King, Architect
Stockton

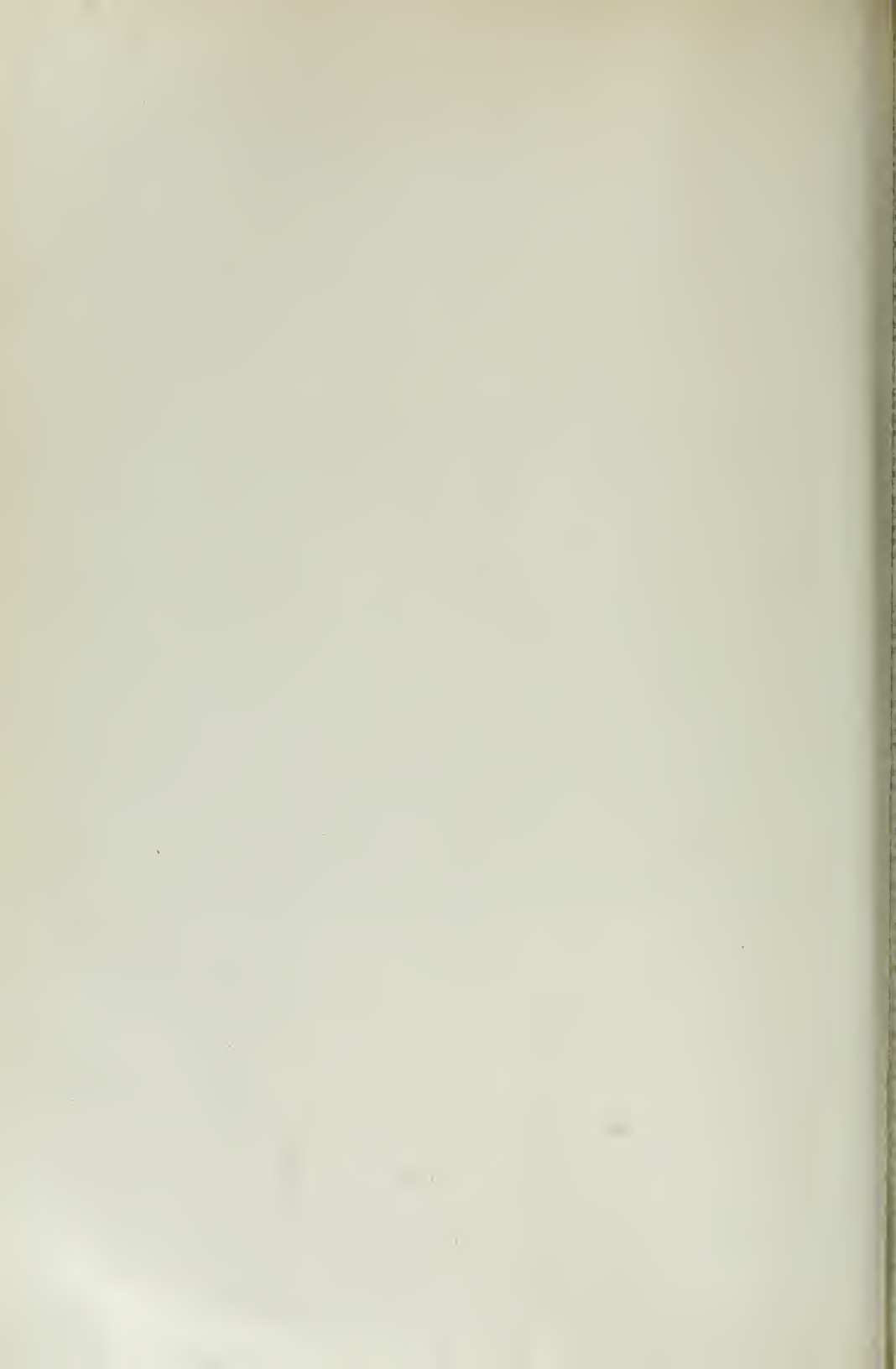
Building and Industrial News
March 4, 1913

PLATE A



GRAMMAR SCHOOL BUILDING AT CENTERVILLE
Centerville, Cal.

John J. Foley. Architect
San Francisco



er.... Moore & Burlingame, 211
Sharon Bldg., S. F.

itect...None.
s work. COST, \$1500

) E TENTH AVE 75 S Lawton.
ne and one-half-story and basement
ame residence.

er.... Emil Nelson, 580 Jersey, S. F.
itect...None.
s work. COST, \$2000

) NO. 1160 BERLIN. Move and
ld two rooms.

er.... Henry Fortmann et al, 1160
Berlin, San Francisco.

itect...None.
ractor...J. M. Anderson, 1362 Do-
lores, San Francisco.
COST, \$400

) E INGERSON 100 N Ingalls.
ne-story and basement frame resi-
dence.

er.... A. Lopez, 3036 Ingerson,
San Francisco.

itect...None.
s work. COST, \$500

2) SE HOWTH 213-4 NE Niagara.
dd three rooms and shingle roof.

er.... G. Garibaldi, Premises.
itect...None.

ractor...Eccles & Cereghino, 22
Santa Rosa Ave., S. F.
COST, \$900

3) S FOLSOM 100 W Fifth. Sink
haft.

er.... J. Baer, Care Architect.
itect...Alfred Jacobs, 110 Sutter,
San Francisco.

y's work. COST, \$800

4) N TWENTY-EIGHTH 242 N
Noe. One-story and basement frame
dwelling.

er.... C. Anderson, 18 Sanchez,
San Francisco.

itect...None.
y's work. COST, \$1000

5) NE POLK AND CALIFORNIA.
Remove partition and install wall
beds.

er.... G. B. Gillson, Hotel Mary-
land, San Francisco.

itect...None.
y's work. COST, \$450

6) E ELEVENTH AVE 150 S
Irving. Two-story and basement
frame (2) flats.

er.... Wm. Cadigan, 206 Steiner,
San Francisco.

itect...None.
y's work. COST, \$3000

7) W WORTH 193 N 2nd. One and
one-half-story and basement frame
dwelling.

er.... A. V. Anderson, 4223 23rd,
San Francisco.

itect...None.
y's work. COST, \$1800

8) S ARMY 101-10 E Diamond.
Two-story and basement frame dwlg.
er.... J. Digneress, 646 23th Ave.
San Francisco.

itect...None.
y's work. COST, \$1000

679) W LARKIN 50 S Elbert. One-
story and basement frame dwelling.

er.... Leo F. Sabach, 2345 Lar-
kin, San Francisco.

itect...None.
y's work. COST, \$1000

(680) W SEVENTEENTH AVE 25 S
Anza. Two-story and basement frame
residence.

Owner.... J. Anderson, 423 16th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(681) W SEVENTEENTH AVE 50 S
Anza. Two-story and basement frame
residence.

Owner.... J. Anderson, 423 16th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(682) W SEVENTEENTH AVE 75 S
Anza. Two-story and basement frame
residence.

Owner.... J. Anderson, 423 16th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(683) W SEVENTEENTH AVE 100 S
Anza. Two-story and basement frame
residence.

Owner.... J. Anderson, 423 16th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(684) W SEVENTEENTH AVE 125 S
Anza. Two-story and basement frame
residence.

Owner.... J. Anderson, 423 16th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(685) W SEVENTEENTH AVE 150 S
Anza. Two-story and basement frame
residence.

Owner.... J. Anderson, 423 16th Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(686) W TENTH AVE 50 S California.
Two-story and basement frame resi-
dence.

Owner.... O. E. Anderson, 2376 Ful-
ton, San Francisco.

Architect... Theo. S. Boehm, Hewes
Bldg., San Francisco

Day's work. COST, \$4000

(687) N SUNNYSIDE 50 E Forester.
Two-story and basement frame dwlg.
Owner.... H. Mattick, 440 Presidio
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1000

(688) E LAFAYETTE AND MINNA
NE 97-47 SE 55 SW \$9.51 NW 55. All
work except painting, gas and elec-
tric fixtures, shades and finish hard-
ware for two two-story and base-
ment frame flats.

Owner.... Jos. B. Duggan, 32 Mont-
gomery, S. F. and Chas. P.
Cain, extras Estate Jno.
Hammond, decd.

Architect... Edw. E. Young, 251 Kear-
ny, San Francisco.

Contractor... Frank P. Lansing, 1924
Fell, San Francisco.

Filed Feb. 25, '13. Dated Feb. 25, '13.

Frame up \$2204.75

Brown coated 2204.75

Completed and accepted 2204.75

Usual 35 days 2204.75

TOTAL COST, \$8819.00

Bond, \$5000. Surety, National Surety

Co. Limit, 90 days. Forfelt, none.

Plans and specifications filed.

(689) W NINTH AVE 150 N California
N 25xW 120. Carpenter, plaster,
painting, plumbing, concrete, shades,
electric fixtures, etc., for two-story
frame flats.

Owner.... Franklin L. Colton, 623 6th
Ave., San Francisco.

Architect...None.
Contractor... Walter G. Glunz, 738A 6th
Ave., San Francisco.

Filed Feb. 25, '13. Dated Feb. 11, '13.

Frame up \$1450

Brown coated 1450

Completed 1450

Usual 35 days 1450

TOTAL COST, \$5800

Bond, none. Limit, 90 days. Forfelt,

none Plans and specifications filed.

(690) S JACKSON 120-3 W Spruce.
Two-story and basement frame flats.
Owner.... Andrew H. Bergstrom,
Sharon Bldg., S. F.

Architect...None.
Contractor... Lange & Bergstrom, Shar-
on Bldg., San Francisco.

COST, \$7000

(691) S PINE 62-6 E Leavenworth.
Three-story and basement frame
apartments.

Owner.... J. Eric Johanson, 2726
20th, San Francisco.

Architect... A. F. & C. M. Rousseau,
Monadnock Bldg., S. F.

Day's work. COST, \$11,000

(693) N GEARY 57-6 E 11th Ave. Two
story and basement frame store and
flats.

Owner.... Jacob Bachmann, 4644
Geary, San Francisco.

Architect...None.
Day's work. COST, \$5000

(693) W HEAD 88 N Holloway. Two-
story and basement frame residence.
Owner.... Urban Realty Improve-
ment Co., 903 Phelan Bldg.,
San Francisco.

Architect...None.
Day's work. COST, \$3000

(694) W CAPISTRANO 73 N Santa
Rosa. One-story and basement
frame dwelling.

Owner.... J. Nilson and S. Sandberg,
1921 Duncomb, S. F.

itect...None.
Day's work. COST, \$1500

(695) W HEAD 183 N Holloway. Two-
story and basement frame residence.
Owner.... Urban Realty Improve-
ment Co., 903 Phelan Bldg.,
San Francisco.

Architect...None.
Day's work. COST, \$3000

(696) SW NIAGARA 189 S Mission.
One-story and basement frame dwlg.
Owner.... John B. Woolfrey, 3168
21st, San Francisco.

Architect...None.
Day's work. COST, \$1200

(697) E TWELFTH AVE 100 E Anza.
Two-story and basement frame resi-
dence.

Owner.... Alfred T. Morris, 616 9th
Ave., San Francisco.

Architect...None.
Day's work. COST, \$2100

(695) NE BANKS & POWHATTAN.
Two-story and basement frame dwlg.
Owner.....J. C. Stromswald, 14
Reaver, San Francisco.
Architect...None.
Day's work.....COST, \$1950

(699) E NEVADA 100 N Powhattan.
One and one-half-story and basement
frame residence.
Owner.....J. C. Stromswald, 14
Reaver, San Francisco.
Architect...None.
Day's work.....COST, \$1750

(700) W NINETEENTH AVE 300 S
Geary. All work for one and one-
half-story frame residence.
Owner.....Aug. O. H. Schlundt.
Architect...None.
Contractor...F. A. McCausland and W. F.
R. Rae, 59 Minerva, S. F.
Filed Feb. 26, '13. Dated Feb. 25, '13.
Frame up\$400
Ready for plaster and lath..... 400
Completed 400
Usual 35 days..... 400
TOTAL COST, \$2000
Bond, none Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(701) W TWENTY-FIRST AVE 250 S
Anza S 25xW 120. All work for one
and one-half-story frame residence.
Owner.....Alice F. and Walter J. An-
drews, 1651 Larkin, S. F.
Architect...None.
Contractor...Wm. F. Yates, Lick Bldg.,
San Francisco.
Filed Feb. 26, '13. Dated Feb. 24, '13.
Frame up and ready for roofing.....\$750
Brown coated 750
Completed and accepted..... 750
Usual 35 days..... 750
TOTAL COST, \$3000
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

(702) SW CALIFORNIA & LEIDES-
dorff. High pressure boiler plant at
Merchants' Exchange Building.
Owner.....The Insurance Exchange.
Architect...Willis Polk & Co., Mer-
chants' Exchange Bldg.,
San Francisco.
Contractor...Chas. C. Moore & Co., En-
gineers, 1st and Mission,
San Francisco.
Filed Feb. 27, '13. Dated Feb. 25, '13.
Payments of 75% on 15th of each
month and upon delivery of boiler
\$2500 shall be paid.....
Usual 35 days..... 25%
TOTAL COST, \$4445
Bond, \$2300 Surety, Pacific Coast
Casualty Co. Limit, July 15. Forfeit,
\$20. Plans and specifications filed.

(703) N CLEMENT 57-6 W Fifth Ave
W 50xN 100. Excavation, shoring,
leveling, concrete, brick, carpenter,
plumbing, painting, plastering, etc.,
for building.
Owner.....Walter S. Thompson.
Supt.....Eugene Clarke.
Contractor...John C. Dowlin, 266A 8th
Ave., San Francisco.
Filed Feb. 27, '13. Dated Feb. 26, '13.
50% excavation & grading done.....\$ 500
Excavation & grading completed 500
Concrete & brick work finished 500
Frame up 500
Brown coated 500
Plaster completed and outside
primed 500
Completed and accepted..... 1200
Usual 35 days..... 1400
TOTAL COST, \$5600

Bond, none. Limit, 90 days after Mar.
1. Forfeit, none. Plans and specifica-
tions, none.

(704) SE SUTTER AND STOCKTON.
Furring and lathing for building.
Owner.....Sierra Investment Co. by
Wm. G. Gilmour, 402 Kear-
ny, San Francisco.

Architect...None.
Contractor...R. McLelland, Monadnock
Bldg., San Francisco.
Filed Feb. 27, '13. Dated Nov. 25, '12.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4450
Bond, limit, forfeit, none. Plans and
specifications, none.

(705) NW FILBERT AND STEINER.
All work except lighting fixtures and
shades for alterations to two-story
frame residence.

Owner.....D. W. Tietjen, 2300 Filbert,
San Francisco.
Architect...None.
Contractor...M. M. Finlayson, 402 Kear-
ny, San Francisco.
Filed Feb. 27, '13. Dated Feb. 6, '13.
Foundation in and front moved
out\$56.00
Walls enclosed and brown
coated 556.00
Completed 556.75
Usual 35 days..... 556.25
TOTAL COST, \$2225.00

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(706) N PAGE 175 W PIERCE W 25x
N 137-6. Removal of present build-
ing and erection of three-story frame
flats.

Owner.....Annie C. Taft, 816 Page,
San Francisco.

Architect...None.
Contractor...Oscar W. Thunberg &
Frank Thompson, 678 9th
Ave., San Francisco.

Filed Feb. 28, '13. Dated Jan. 18, '13.
Present building moved to rear.....\$ 580
Frame up of new building..... 1845
Brown coated 1845
Completed and accepted..... 1845
Usual 35 days..... 2040
TOTAL COST, \$8155

Bond, Guaranty bond in favor of own-
er. Sureties, E. Wilson and O. C. Holt.
Limit, 120 days. Forfeit, \$2. Plans
and specifications filed

NOTE:—A report of this job appeared
Feb 8, 1913. No. 408.

(707) N SACRAMENTO 200 E Drumm
N 59-9xE 25. General brick, face
brick, cementing, flues, wrought iron,
cast iron, steel, anchors, bond iron,
fire escapes for three-story and base-
ment loft building.

Owner.....Union Pacific Salt Co., 46
Sacramento, San Francisco
Architect...Plans by Owner.
Contractor...Brandon & Lawson, 180
Jessie, San Francisco.
Filed Feb. 28, '13. Dated Feb. 26, '13.
1st story walls ready for joists.....\$1171
3d story walls ready for rafters 1168
Brick work completed and ac-
cepted 1168
Usual 35 days..... 1168
TOTAL COST, \$4675

Bond, none. Limit, 30 days. Forfeit,
\$10. Plans and specifications filed.

NOTE:—O'Brien Bros., Clunie Bldg.,
are the architects.

(708) NW FRONT AND MERCHANT.
Additional retaining walls 2 feet
deeper than original walls and base-
ment floor extended below same and

a 2 foot pit directly plumb under sal-
side walk doors, all to be water
proofed, patent side walk doors an
Berger patent side walk lights, sal-
work to be additional to contract
dated Feb. 1, 1913, for one-story re-
inforced concrete building.

Owner.....Nelly D. Lefranc, minor b
Celine H. Delmas, Gdn.

Architect...None.
Contractor...B. T. Owsley, Sharon Bldg.,
San Francisco.

Filed Feb. 28, '13. Dated Feb 2, '13.
Concrete finished to side walk
level\$38
Completed and accepted..... 20
Usual 35 days..... 20
TOTAL COST, \$78

Bond, limit, forfeit, none. Plans an
specifications filed.

NOTE:—Architect is L. T. Lenzen, 11
South Second, San Jose.

(709) SW SIXTH 72 NW Howard NW
48 SW 75 NW 45 SW 50 SE 75 NE 5
SE 18 NE 75. One full automa-
passenger elevator, except elevato-
car for six-story and basemen-
steel frame Class "C" building.

Owner.....R. D. McElroy, Phelan
Bldg., San Francisco.

Architect...Plans, etc., by Contractor
Contractor...B. C. Van Emon, 235 First
San Francisco.

Filed Feb. 28, '13. Dated Feb. 20, '13.
Elevator delivered 1/2
Elevator running 1/2
Usual 35 days..... 1/2
TOTAL COST, \$240

Bond, \$1200. Surety, U. S. Fidelity &
Guaranty Co. Limit, 15 days. Forfeit
none. Specifications only filed.

(710) NO. 224 GRAFTON. Plastering
wiring and rat proofing.
Owner.....P. J. McElroy, Premises.
Architect...Mr. Marx, Grafton and
Harold, San Francisco.

Day's work.....COST, \$1400

(711) E OSTEBO 50 S San Ysabel
One-story and basement frame resi-
dence.

Owner.....A. A. Wesendunk, 174
Dolores, San Francisco.

Architect...None.
Day's work.....COST, \$1650

(712) E OSTEBO 25 S San Ysabel
One-story and basement frame resi-
dence.

Owner.....A. A. Wesendunk, 174
Dolores, San Francisco.

Architect...None.
Day's work.....COST, \$1350

(713) E CAPP 170 N 21st. Three-
story and basement frame (6) flats.
Owner.....C. C. W. Haun, 180 Jessie
San Francisco.

Architect...Edward Young, 251 Kear-
ny, San Francisco.

Day's work.....COST, \$10,000

(714) E NINETEENTH AVE 255 N
Fulton. Two-story and basement
frame dwelling.

Owner.....Frank J. Taylor, 14 Pre-
sido Terrace, S. F.

Architect...None.
Day's work.....COST, \$3000

(715) E TWENTIETH AVE 168-S S
Taraval. Two-story and basement
frame residence.

Owner.....Parkside Home Building
Co., Crocker Bldg., S. F.

Architect...Joseph M. Geary, 23rd and
Folsom, San Francisco.

Day's work.....COST, \$3000

- (716) S SACRAMENTO 80 E Franklin Three-story and basement frame (6) flats.
Owner.....Wm. Mensor, 2211 California, San Francisco.
Architect...Arthur Schroeffer, Foxcroft Bldg., San Francisco.
Day's work. COST, \$18,000
- (717) NO. 60 EDDY. Electric sign.
Owner.....Tivoli Theatre Co., Prem. Architect...None.
Contractor...Brumfield Elec. Co., 18 7th, San Francisco.
COST, \$400
- (718) NO. 159 CORBETT AVE. Raise, underpin and erect concrete foundation for dwelling.
Owner.....B. Assente, 26 Merritt, San Francisco.
Architect...None.
Contractor...J. C. Brown, 172 Caselli Ave., San Francisco.
COST, \$475
- (719) W GIRARD 150 S Bacon. One and one-half-story and basement frame dwelling.
Owner.....John De Martini, 3267 25th San Francisco.
Architect...None.
Day's work. COST, \$1500
- (720) W BERLIN 100 N Wayland. One-story and basement frame dwlg.
Owner.....Geo. C. Wright, 640 Berlin, San Francisco.
Architect...None.
Day's work. COST, \$800
- (721) S VALLEJO 178-6 E Leavenworth. One-story and basement frame dwelling.
Owner.....Jos. Hogan, 1173 Vallejo, San Francisco.
Architect...None.
Day's work. COST, \$750
- (722) NW JOOST AND BADEN. One-story and basement dwelling.
Owner.....C. S. Allred, 131 Edna, S. F.
Architect...None.
Day's work. COST, \$1000
- (723) N JOOST 33-4 W Baden. One-story and basement dwelling.
Owner.....C. S. Allred, 131 Edna, S. F.
Architect...None.
Day's work. COST, \$1000
- (724) E OSTEGO 75 S San Juan. One-story and basement frame residence.
Owner.....Moore & Burlingame, 214 Sharon Bldg., S. F.
Architect...None.
Day's work. COST, \$1500
- (725) NO. 146 FIFTH AVE. Enlarge kitchen.
Owner.....Geo. Keck, Premises.
Architect...None.
Contractor...McKenzie & Pinkerton, 2783 McAllister, S. F.
COST, \$400
- (726) NO. 73 TUCKER AVE. Add 3 rooms.
Owner.....E. V. Bettencourt, Prem.
Architect...None.
Contractor...H. A. Cluver.
COST, \$500
- (727) W MADISON 175 N Burrows. One-story frame dwelling.
Owner.....Wm. Keen, 3600 Felton, San Francisco.
Architect...None.
Day's work. COST, \$450
- (728) NO. 504 SAN BRUNO AVE. One and one-half-story and basement frame residence.
Owner.....L. Forno, Premises.
Architect...None.
Contractor...M. E. Valente, 5882 Valjejo, Oakland.
COST, \$1750
- (729) SW HAIGHT AND COLE. New front.
Owner.....J. E. Leyden, 1721 Haight San Francisco.
Architect...None.
Contractor...Store Equipment Co., 461 Jessie, San Francisco.
COST, 500
- (730) NO. 1700 BROADWAY. One-story frame garage.
Owner.....E. E. Brownell, Premises.
Architect...W. C. Hays, 68 Post, S. F.
Contractor...Peter N. Schmidt, 1011 Franklin, Oakland.
COST, \$1000
- (731) S SAGAMORE 115 W Capitol. One-story and basement dwlg.
Owner.....John Capazzi, — Sagamore San Francisco.
Architect...None.
Contractor...A. A. Sauers, 167 Sadowa, San Francisco.
COST, \$1000
- (732) N BAY 67 W Leavenworth. Alterations to store.
Owner.....R. Gantillo, 725 Bay, S. F.
Architect...Louis Mastrapasqua, — 580 Washington, San Francisco
Contractor...R. C. Gardner, 335 Raymond Ave., S. F.
COST, \$450
- (733) NO. 1867 HOWARD. Repair roof and front.
Owner... ..Robert F. Gallagher, 1258 Market, San Francisco.
Architect...None.
Contractor...J. J. Murray.
COST, \$400
- (734) WEST END BESSIE. Alter and repair dwelling.
Owner.....T. Williams, 1434 Shotwell San Francisco.
Architect...None.
Contractor...Miles Bryne, 286 Sunny-side Ave., S. F.
COST, \$600
- (735) SE PIERCE AND BROADWAY. Add to residence.
Owner.....A. G. Towne, 2524 Pierce, San Francisco.
Architect...None.
Contractor...E. C. Bletch, 1145 Hayes, San Francisco.
COST, \$450
- (736) E NOE 57 N Duncan. One-story and basement frame residence.
Owner.....K. Anderson, 294 Church, San Francisco.
Architect...None.
Day's work. COST, \$1400
- (737) E NOE 28-6 N Duncan. One-story and basement frame residence.
Owner.....K. Anderson, 294 Church, San Francisco.
Day's work. COST, \$1400
- (738) E NOE 85-6 N Duncan. One-story and basement frame residence.
Owner.....K. Anderson, 294 Church, San Francisco.
Architect...None.
Day's work. COST, \$1400
- (739) NE NOE AND DUNCAN. One-story and basement frame residence.
Owner.....K. Anderson, 294 Church, San Francisco.
Architect...None.
Day's work. COST, \$1400
- (740) S GEARY 137-6 E Mason E 37-6 XS 137-6. Roof, flooring, store fronts, windows, doors, glazing, screens, stairs, hardware and carpenter work for seven-story and basement Class "B" building annex to Stewart Hotel.
Owner.....Stewart Estate Company.
Architect...Cunningham & Politeo, 1st National Bank Bldg., S. F.
Contractor...Neil A. McLean, Chronicle Bldg., San Francisco.
Filed March 1, '13. Dated Feb. 18, '13.
On 1st and 15th of each month 75%
Usual 25 days. 25%
TOTAL COST, \$13,000
Bond, \$6500. Surety, National Surety Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.
(741) ELECTRIC WORK ON ABOVE.
Contractor...Central Elec. Plumbing & Heating Co., 185 Stevenson San Francisco.
Filed March 1, '13. Dated Feb. 21, '13.
Payments same as above.
TOTAL COST, \$3494
Bond, \$1747. Surety, Southwestern Surety Ins. Co. Limit, 60 days. Forfeit \$50. Plans and specifications filed.
- (742) LATHING, PLASTERING AND dampproofing on above.
Contractor...Floodberg & McCaffery, Monadnock Bldg., S. F.
Filed March 1, '13. Dated Feb. 29, '13.
Payments same as above.
TOTAL COST, \$13,500
Bond, \$6750. Surety, The Aetna Accident & Liability Co. Limit, 60 days. Forfeit, \$50. Plans and specifications filed.
- (743) CONCRETE WORK, INCLUDING walls, columns slabs, basement floor, side walk, prism tile, side walk doors, cement, stone, granite curb, paving, pumping, reinforcement and stone veneer on above.
Contractor...Neil A. McLean, Chronicle Bldg., San Francisco.
Filed Mar. 1, '13. Dated Feb. 15, '13.
Payments same as above.
TOTAL COST, \$29,090
Bond, \$14,500. Surety, National Surety Co. Limit, 110 days. Forfeit, \$50. Plans and specifications filed.
- (744) GALVANIZED IRON, METAL windows, doors, etc., on above.
Contractor...Forderer Cornice Works, 269 Potrero Ave., S. F.
Filed March 1, '13. Dated Feb. 24, '13.
Payments same as above.
TOTAL COST, \$7350
Bond, \$3675. Surety, National Surety Co. Limit, 60 days. Forfeit, \$50. Plans and specifications filed.
- (745) PLUMBING, SEWERAGE AND gas fitting on above.
Contractor...Frederick W. Snook Co., 596 Clay, San Francisco.
Filed March 1, '13. Dated Feb. 28, '13.
Payments same as above.
TOTAL COST, \$12,975
Bond, \$6487.50. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, \$50. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

NOTE—Each of the above contracts with the Stewart Estate Co. contain this specific stipulation.
**NOTICE TO SUB-CONTRACTORS,
 LABORERS AND MATERIAL
 MEN.**

This contract is entered into upon the express condition that there shall be no liens on said building or on the property on which same is to be erected, and all sub-contractors, laborers and material men are hereby notified that if they perform labor or furnish material in or for the erection or construction of said building, or make contracts in relation thereto, they must do so on the personal responsibility of the person or parties contracting with them, and without relying on any lien against said building or the property on which the same is erected, and the performance of any work or the furnishing of any material to the contractor for said building, or to any sub-contractor therefor, or the making of any sub-contract in respect thereto, is to be deemed an assent to the foregoing condition.

(746) — NEWALL, bet 9th and 10th Aves, South. All work for one-story frame saloon and dwelling.

Owner.....Thos. Kelly.

Architect.....None.

Contractor.....Chas. Olsen.

Filed March 1, '13. Dated Feb. 18, '13.
 Frame completed\$612.50
 Brown mortar on 612.50
 Completed 612.50
 Usual 35 days..... 612.50

TOTAL COST, \$2450.00

Bond, none. Limit, 90 days after Mar. 1. Forfeit, none. Plans and specifications filed.

(747) SE POST AND JONES S 60x E 70-6. Excavation, taking down old walls, concrete work and reinforcement for six-story and basement brick building.

Owner.....Niels Larsen.

Architect.....Ross & Burgren, 310 California, San Francisco.

Contractor.....Camp & Carrillon, 4075 17th, San Francisco.

Filed March 1, '13. Dated March 1, '13.
 Walls are in\$1500
 Completed and accepted..... 750
 Usual 35 days..... 750

TOTAL COST, \$3000

Bond, \$1500. Sureties, Jno. E. Beck & Thos. J. Campbell. Limit, as fast as possible Forfeit, \$20. Plans and specifications filed.

(748) S JACKSON 137-6 W Walnut W 34-4 1/2 S 127-8 1/2. All work except plumbing, painting, electrical work and heating, chandeliers and shades for two-story and basement and attic frame residence.

Owner.....Eugenia Fisher (wf A. L.), 2907 Jackson, S. F.

Architect.....C. A. Meussdorffer, Humboldt Bank Bldg., S. F.

Contractor.....Joel Johnson, 1139 Kansas, San Francisco.

Filed March 1, '13. Dated Feb. 28, '13.
 Roof on\$2321
 Brown coated 2321
 Completed and accepted..... 2321
 Usual 35 days..... 2322

TOTAL COST, \$9285

Bond, \$4647.50. Surety, J. H. McCallum and P. J. Sullivan. Limit, 100 days after March 3. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

Feb. 26, 1913—SE EDDY & MASON Nos. 48 and 54 Mason. Alexander W. Wilson as to improvements on leased property

Feb. 26 1913—N PINE 125-6 W Van Ness Ave W 67-6 N 137-6 E 59 N 17-6 E 1 S 40 E 7-6 S 115. Wm D O'Donnell to Mutual Constr Co.

.....Feb. 25, 1913

Feb. 26, 1913—SW HOWARD & 10th W 162-6 S 162-6. The Roman Catholic Archbishop of S F to The Golden Gate Constr Co and The Golden Gate Structural & Ornamental Iron Works.....Feb. 18 1913

Feb. 26, 1913—W DELMAR (Delong Ave) 270 S Frederick S 30xW 80. Roger Carroll to Petterson & Persson and Geo F Bernard.....

.....Feb. 26 1913

Feb. 26, 1913—W BAKER 100 N Post N 25xW 100. Mrs J P Roberts to S S Steinauer.....Feb. 25, 1913

Feb. 26, 1913—NW ALAMEDA AND Bryant W 100xN 50. John Rapp & Son to Higginson Co, Inc. Feb. 24, '13
 Feb. 27, 1913—SE CASTRO & JERSEY E 30xS 85. John Quinn to Higginson Co.....Feb. 24, 1913

Feb. 27, 1913—S WMISSION & 20TH S 50xW 90. H Joost to J M PloegerFeb. 24, 1913

Feb. 27, 1913—W TENTH AVE 200 S Moraga (M) S 99 4-5 W 120. Guerrero Realty Co to whom it may concernFeb. 26, 1913

Feb. 27, 1913—W TWENTY-THIRD 255 W Castro W 50xN 114. William F Altwater to whom it may concern.....Feb. 26, 1913

Feb. 27, 1913—S GREENWICH 122-6 E Jones 20x60. Marco or M Zolezzi to Montani & Steffanini. Feb. 26, 1913

Feb. 27, 1913—E MISSION 150 N 19th N 30x E 122-6. F A Mersereau to H E & T W MacArthur. Feb. 27, 1913

Feb. 27, 1913—S TWENTY-FIRST 26-9 NE Douglass NE 25 S parallel with E Douglass to a pt perpendicularly dist 260 N 22nd W 25 m or 1 N 122-2 m or 1. John Bjorkman to whom it may concern.....

.....Feb. 26, 1913

Feb. 27, 1913—SW FREDERICK AND Buena Vista Ave W 70-5 1/2 S 74-1 1/2 E 71-10 1/2 N 75 pt Blk 2. Flint Tract. Mary A Fritz (wf Eugene N) to whom it may concernFeb. 24, 1913

Feb. 28, 1913—W FOURTH & JESSIE NW 75xS 75. Mary L Phelan to P Montague.....Feb. 27, 1913

Feb. 28, 1913—SE HARRISON 225 SW 6th SW 25xSE 75. Frederick E Krueger to Chas E Wilson. Feb. 28, '13

Feb. 28, 1913—E HYDE 27-6 S Sacramento S 55x E 87-6. Badgie J Wyman to whom it may concern.....

.....Completed—

Feb. 28, 1913—NW POST & SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6. Mount Zion Hospital to Campbell Bros. Feb. 25, '13; Pacific Coast Cork Ins Co.....Feb. 25, 1913

Mar. 1, 1913—S TWENTIETH 50 W Texas W 50xS 100. John Warnock to M W Johnson.....Feb. 27, 1913

Mar. 1, 1913—E TWENTIETH AVE 200 N Clement 25x120. John M Peters to whom it may concern.....

.....Feb. 28, 1913

Mar. 1, 1913—BLG BDED BY ARMY, Valencia, Duncan and San Jose Ave. St. Luke's Hospital to Atwood Vacuum Cleaner Co.....Feb. 24, 1913

Mar. 1, 1913—SE JENNINGS (J South) 75 SW Palou Ave (16th Ave South) SW 25xSE 75 being Blk 326 S S F

H and R R Ass'n. Lorenzo Lovotti to whom it may concern. Feb. 28, 1913
 Mar. 1, 1913—N McALLISTER 109-6 W Van Ness Ave W 55xN 120. Anna M Binning and Wilhelmina H Droger to O A Craemer. Feb. 28, '13
 Mar. 1, 1913—E MISSION 203 S 23rd 40x122-6. Elizabeth M Morehouse to Chas Christensen.....Feb. 26, 1913

LIENS FILED.

San Francisco.

Feb. 24, 1913—W THIRD 75 S Folsom W 80xS 50. S B McLenegan vs S Sarri, W J Yore and R E Bauske

Feb. 24, 1913—SW PINE & LAGUNA S 25xW 87-6. J H Kruse vs Geo Burich and R A Crothers.....\$234.64

Feb. 25, 1913—S GREEN 137-6 E Steiner. Frank Ingneri vs W O Nicolades and F Burghardt, Carl M and Bessie M Lee.....\$338

Feb. 24, 1913—S CHESTNUT 112-6 E Jones E 25xS 75. S Gazzola and G Viglino vs Antonio Laroeca and Pasquale Laroeca

Feb. 26, 1913—SW LAGUNA & PINE W 87-6xS 25. D J and T Sullivan vs George Burich and R A Crothers

Feb. 26, 1913—N FULTON 137-6 W Steiner W 55xN 137-6. Philipp Schwerdt vs Nicholas Hansen.....\$450

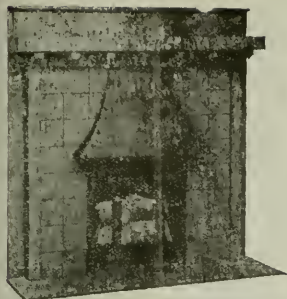
Feb. 26, 1913—S CHESTNUT 110 E Scott E 27-6xS 137-6. H S Thomson vs Domenico Connis.....\$309.92

OAKLAND AND ALAMEDA COUNTY.

RESIDENCES—2, 2 story and base, frame, \$3,500. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. These houses will be designed for seven rooms and bath each. Interior finish will be of pine throughout. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BUNGALOWS—4, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architect, W. H. Hudson, Albany Block, Oakland. Owners, Morse Hargrave Co. These house will be erected in Cottage Court, near Seminary avenue, and each will be arranged for six rooms and bath. All interior finish will be of pine. There will be open fire places and tile or brick mantels. Oak floors will be used in the principal rooms. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and the owners are now purchasing all materials and will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$6,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, A. B. Stephens. This dwelling will be erected in the Piedmont by the Lake Tract, and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine, redwood and hardwood. Oak floors will be used in the principal rooms. There will be a cen-



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tral heating system and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. There will be an automatic water heater. Exterior of the house will be covered with rustic. Plans are being prepared.

BUNGALOW — 1 story and base, frame, \$2,300. Berkeley, Alameda Co., Cal. Architects, F. R. Peake Co., 2127 University Ave., Berkeley. Owner, L. R. Wilson. The house will contain five rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the dining and living rooms. There will be open fire places and tile or brick mantels. The exterior of the house will be covered with rustic. Plans are complete and the work is to be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, A. Howard Peterson, Mills Bldg., S. F. Owner, E. H. Baker. The house will contain seven rooms and bath. Interior will be finished in pine throughout with some hardwood floors and hardwood panels in the dining and living rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and figures are being taken by the architect.

RESIDENCE — 2 story and base, frame, \$4,000. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owners, Marshall and Diggs. The house will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal bath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BUNGALOW — 1½ story and base, frame, \$3,000. Berkeley, Alameda Co.,

Cal. Architect, none. Owner, I. W. Button, 5930 Telegraph Ave., Berkeley. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine, redwood and some hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal bath. Plans are complete and in the hands of the owner, who will do the work by Day Labor.

AUDITORIUM STEEL WORK — \$177,867. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. But one bid, that of the California Construction Co., was received for the structural steel work on the Municipal Auditorium. No action was taken by the Council, and the bid was referred to the City Attorney for an opinion.

Factory — 3 frame and concrete buildings, \$50,000. Niles, Alameda Co., Cal. Architect, G. W. Page, Rea Bldg., San Jose. Owner, G. M. Anderson. This group of buildings has been designed for a moving picture manufacturing plant and will include the general factory, stables and offices. Construction will be of frame with a considerable amount of glass used. Complete details of the enterprise are lacking. Plans are being prepared and full particulars will be given later.

RESIDENCE — 2 story and base, frame, \$2,500. Berkeley, Alameda Co., Cal. Architect, R. E. Hotchkiss, Bacon Bldg., Oakland. Owner, Wilson Flagg, Bonita Ave., Berkeley. The house will contain five rooms and bath. Interior finish will be of pine throughout. Some oak floors will be used. There will be an open fire place with tile mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and figures are being taken by the architect.

STORES AND OFFICES — 3 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, John Galen Howard, 604 Mission St., S. F. Owners, Sather Estate. This building is proposed for the northeast corner of 12th and Castro streets. Only preliminary plans have been prepared and no details will be given out for some time. Construction is to be fireproof throughout, with a complete steel skeleton and floors. Further particulars will be given as the plans progress.

Building Contracts Awarded.

Oakland

527	Marquise	Marquise	1500
528	Same	Same	1500
529	Same	Bowker	500
530	Button	Button	2500
531	Laconte	Laconte	150
532	Milton	Malqueray	150
533	Doane	Doane	1700
534	Nittler	Nittler	1600
535	Guido	Guido	2400
536	Guido	Guido	20250
539	Kahn	Guernsey	2040
540	Sparks	Fuller	9310
541	Same	Fuller	2050
542	Same	Am M & M	9500
543	Same	Pac Pl Sanding	400
544	Boeger	Brain	50
545	Boeger	Gellmans	50
546	Matteson	Gould	2300
547	Rice	Rice	2500

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there is no better panel on the market
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White Bros.

5th & Brancan Sts.

San Francisco

548	Johnson	Johnson	1850
550	Benson	Benson	2400
551	Careggio	Peroni	1375
552	Pfrang	Pfrang	2500
553	Same	Same	2500
554	Same	Same	2500
555	Koski	Koski	1450
556	Nunes	Nunes	2500
557	Neary	Neary	2500
563	Bendix	Johnson	2500
564	McGuinness	Owner	2500
565	Sinclair	Sinclair	2500
566	Coit	Coit	2500
568	Honigsman	Owner	400
569	Decker	Decker	2000
570	Lecombe	Lecombe	1900
571	Roberts	Parkinson	2015
577	Turrer	Thornally	1190
578	Priske	Priske	1950
579	Hoffschneider	Jackson	1900
580	Klen	Humphsher	1600
581	Okd Bk Svcs	Dwan	900
584	London	Harris	3400
585	Scarpulla	Thomson	400
586	Turrer	Thornally	400
587	Roderick	Roderick	400
588	Agard	Anderson	450
598	Futchinson	Owner	1400
599	Solori	Uccello	2200
600	Blore	Haly	1800
601	Fuller	Quase	2000
602	Cunningham	Owner	1600
604	Prohn	Thompson	1900

(527) N CARRINGTON 100 E 42nd
Ave., Oakland. One-story 5-room
dwelling.

Owner...E. M. Marquise, 2827 Russell
Berkeley.

Architect...None.
Day's work. COST, \$1500

(528) W FORTY-SECOND AVE 700 S
Santa Rita, Oakland. One-story five
room dwelling.

Owner...E. M. Marquise, 2827 Russell
Berkeley.

Architect...None.
Day's work. COST, \$1500

(529) NO. 1617 TELEGRAPH AVE.,
Oakland. Alterations.

Owner...Sarah J. Sparks, 16th, bet.
Telegraph and San Pablo
Aves., Oakland.

Architect...None.
Contractor, Wm. C. Bowker, 114 Chest-
nut, Oakland. COST, \$500

(530) S SIXTY-THIRD 15 W Hillgass
Oakland. One and one-half-story 6-
room dwelling.

Owner...I. W. Button, 5930 Tele-
graph Ave., Oakland.

Architect...None.
Day's work. COST, \$2500

(531) NO. 1327 EIGHTY-SEVENTH
Ave., Oakland. Addition.

Owner...Sam Laconte, Premises.

Architect...None.
Day's work. COST, \$150

(532) SW TWENTY-EIGHTH & SAN Pablo Ave., Oakland. Alterations.
Owner.....Miss M. Milton.
Architect.....None.
Contractor.....Malquency & Walthrop.
28th and San Pablo, Okd.
COST, \$300

(533) N SIXTY-SIXTH AVE 185 N Flora, Oakland. One-story five-room dwelling.
Owner.....C. A. Doane, 662 35th, Okd
Architect.....None.
Day's work. COST, \$1700

(534) NW FIFTY-FIRST & VICKS- burg Ave., Oakland. One-story five-room dwelling.
Owner.....Mary Nittler, 2159 51st Ave., Oakland.
Architect.....None.
Contractor.....N. Nittler, 2159 51st Ave., Oakland.
COST, \$1600

(536) S E-FIFTEENTH 75 E 16th Ave. Oakland. One-story 5-room dwlg.
Owner.....Joseph Guido, 1515 15th Ave., Oakland.
Architect.....None.
Day's work. COST, \$2400

(539) W TELEGRAPH AVE 100 S 16th S 130 NW 103.95 S W102.44 N 130 NE 190 NW 5.72 NE 112.89 SE 74 SW 104 SE 100, Oakland. Elevator work for four-story and basement Class "A" department store.

Owner.....Kahn Realty Co., 12th and Washington, Oakland
Architect.....C. W. Dickey, Central Bank Bldg., Oakland.
Contractor.....Otis Elevator Co., Beach and Stockton, S. F.
Filed Feb. 24, '13. Dated Jan. 27, '13.
Elevator machinery, motors, guides, platforms, cables and other appliances ready for operations 50%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$20,250

Bond, \$10,125. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(540) VACUUM CLEANING SYSTEM on above
Contractor.....Guernsey & Wheeler, Rialto Bldg., San Francisco
Filed Feb. 24, '13. Dated Jan. 11, '13.
Vacuum producer set on permanent foundation and connected to piping system..... 25%
Completed and accepted..... 50%
Usual 35 days..... 25%
TOTAL COST, \$2040

Bond, \$1020. Surety, Pacific Coast Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(541) GLAZING ON ABOVE.
Contractor.....W. P. Fuller & Co., Beale and Mission, San Francisco
Filed Feb. 24, '13. Dated
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$9310

Bond, \$4655. Surety, Pacific Coast Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(542) MARBLE WORK ON ABOVE.
Contractor.....American Marble & Mosaic Co., 25 Columbus Square, San Francisco.

Filed Feb. 24, '13. Dated Feb. 6, '13.
Payments same as above.....
TOTAL COST, \$3050
Bond, \$1525. Surety, Pacific Coast Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(543) HARDWOOD FLOORS ON above.
Contractor.....Pacific Floor Sanding Co., Inc., 144 12th, S. F.

Filed Feb. 24, '13. Dated Feb. 18, '13.
Payments same as above.....
TOTAL COST, \$9500

Bond, \$1750. Surety, Pacific Coast Casualty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(544) NO. 2909 BROADWAY, Oakland. Alterations.
Owner.....P. F. Furgason.
Architect.....None.
Contractor.....Todd & Brain, 434 23rd, Oakland.
COST, \$400

(545) NO. 4355 PIEDMONT AVE, Oakland. Alterations and additions.
Owner.....Moritz Boeger, 5237 Boyd Ave., Oakland.
Architect.....None.
Contractor.....F. Gelhans, 2240 Peralta Ave., Oakland.
COST, \$550

(546) W SIXTY-FIFTH AVE 160 S Arthur, Oakland. Two-story 6-room dwelling.
Owner.....B. Matteson, 2708 Sunset Ave., Oakland.
Architect.....None.
Contractor.....W. S. Gould, Care Wickham Havens Co., Oakland.
COST, \$2350

(547) E LUSK 135 N Apgar, Oakland. One-story 5-room dwelling.
Owner.....Jas. L. Rice, 3900 Lusk, Oakland.
Architect.....None.
Day's work. COST, \$2500

(548) E NINETEENTH AVE 100 S E-29th, Oakland. One-story 5-room dwelling.
Owner.....S. H. Johnson, 5359 Thomas Ave., Oakland.
Architect.....None.
Day's work. COST, \$1850

(550) W FORTY-FIRST AVE 200 N County Road, Oakland. One and one-half-story 7-room dwelling.
Owner.....Fred Benson, 2641 Laurel Place, Oakland.
Architect.....None.
Day's work. COST, \$2400

(551) SE NINETY-SECOND AVE & "F", Oakland. One-story 4-room dwelling.
Owner.....E. Careggio, 408 41st, Okd
Architect.....None.
Contractor.....Jno. Perona, 590 3rd, Okd.
COST, \$1375

(552) W DANA 100 N 66th, Oakland. One-story 6-room dwelling.
Owner.....H. C. Pfrang, 5359 Shafter Ave., Oakland.
Architect.....None.
Day's work. COST, \$2500

(553) W LOCKSLEY 80 S Forest, Oakland. One-story 6-room dwlg.
Owner.....H. C. Pfrang, 5359 Shafter Ave., Oakland.
Architect.....None.
Day's work. COST, \$2500

(554) W LOCKSLEY 40 S Forest, Oakland. One-story 6-room dwelling.
Owner.....H. C. Pfrang, 5359 Shafter Ave., Oakland.
Architect.....None.
Day's work. COST, \$2500

(555) S RAMONA 235 E Piedmont Ave., Oakland. One-story 5-room dwelling.
Owner.....Matt L. Koski, 931 61st, Oakland.
Architect.....None.
Day's work. COST, \$1450

(556) S FIFTY-NINTH 450 E Claremont, Oakland. Two-story six-room dwelling.
Owner.....Geo. W. Nunes, 3616 West, Oakland.
Architect.....None.
Day's work. COST, \$2500

(557) W WEST 100 S 41st, Oakland. One-story 5-room dwelling.
Owner.....Wm. F. Neary, 1512 Broadway, Oakland.
Architect.....None.
Day's work. COST, \$2500

(558) E JOSEPHINE 190 N Berryman, Berkeley. One and one-half-story 5-room dwelling.
Owner.....Berkeley Development Co., Addition & Shattuck, Bkly.
Architect.....None.
Contractor.....C. R. Madison, 2905 Drakin, Berkeley.
COST, \$2500

(559) E JOSEPHINE 264.28 N Berryman, Berkeley. One and one-half-story 5-room dwelling.
Owner.....Berkeley Development Co., Addition & Shattuck, Bkly.
Architect.....None.
Contractor.....C. R. Madison, 2905 Drakin, Berkeley.
COST, \$2500

(560) E JOSEPHINE 227.14 N Berryman, Berkeley. One and one-half-story 5-room dwelling.
Owner.....Berkeley Development Co., Addition & Shattuck, Bkly.
Architect.....None.
Contractor.....C. R. Madison, 2905 Drakin, Berkeley.
COST, \$2500

(561) E MILVIA 90 N Parker, Berkeley. One-story 4-room dwelling.
Owner.....B. E. Kennedy, 2004 Parker, Berkeley.
Architect.....None.
Day's work. COST, \$2000

(562) S FAIRVIEW 117 W Manila, Berkeley. One-story 5-room dwlg.
Owner.....H. D. King, 1910 Fairview, Berkeley.
Architect.....None.
Day's work. COST, \$1800

(563) E AYALA 150 N Miranda, Oakland. One-story 5-room dwelling.
Owner.....R. Bendie, 5657 Claremont Ave., Oakland.
Architect.....None.
Contractor.....Geo. H. Johnson, 5457 Vincente, Oakland.
COST, \$2500

(564) S E-SIXTENTH 100 W 57th Ave., Oakland. One-story five-room dwelling.
Owner.....Jas. McGuinness, 1030 Filbert, Oakland.
Architect.....None.
Day's work. COST, \$2500

6 N FIFTY-NINTH 420 W Col-
le Ave., Oakland. Two-story 6-
room dwelling.
Owner.....C. E. Sinclair Bldg. Co.,
Delger Bldg., Oakland.
Architect...None.
Contractor...C. E. Sinclair, 5333 Locks-
ley, Oakland.

COST, \$2500

6 SE KALES AND BROADWAY,
Oakland. One-story 5-room dwlg.
Owner.....C. B. Colt, 1522 Broadway,
Oakland.
Architect...A. J. Mazurette, 1522
Broadway, Oakland.
Contractor...Roger Colt, 1522 Broad-
way, Oakland.

COST, \$2500

6 NO. 738 SEVENTY-THIRD AVE
Oakland. Addition.
Owner.....J. Honigsman, 949 73rd
Ave., Oakland.
Architect...None.
Day's work.

COST, \$400

6 NE TWENTY-FIRST AVE AND
22nd, Oakland. One-story 5-room
dwelling.
Owner.....C. L. Decker Co., 404 12th,
Oakland.
Architect...None.
Day's work.

COST, \$2000

6 S CLIFTON 132 W Manila Ave.,
Oakland. One-story 5-room dwlg.
Owner.....A. H. Lecombe, 5756 Her-
man, Oakland.
Architect...None.
Day's work.

COST, \$1900

6 N SANTA RITA 96 W Rosedale
Ave., Oakland. One-story 5-room
dwelling.
Owner.....R. H. Roberts, 731 59th,
Oakland.
Architect...None.
Contractor...Parkinson & Lindsay, 3208
Shattuck Ave., Berkeley.

COST, \$2015

6 S E-FOURTEENTH 75 W 38th
Ave., Oakland. One-story dwlg.
Owner.....Frank Turner, 3747 E-14th,
Oakland.
Architect...None.
Contractor...W. G. Thornally Jr., 3027
E-16th, Oakland.

COST, \$1190

6 N E-TWENTY-THIRD 300 E
1st Ave., Oakland. One-story six-
room dwelling.
Owner.....Wm. L. Prisk, 2506 19th
Ave., Oakland.
Architect...None.
Day's work.

COST, \$1950

6 W THIRTY-FOURTH 56 N
E-18th, Oakland. One-story 5-room
dwelling.
Owner.....W. Hoffschneider, 560 32nd
Oakland.
Architect...None.
Contractor...C. A. Jackson, 2128 E-16th,
Oakland.

COST, \$1900

6 W SEVENTY-EIGHTH AVE 140
S E-14th, Oakland. One-story 4-
room dwelling.
Owner.....John A. Kien Jr., 1375½
Hayes, San Francisco.
Architect...None.
Contractor...Humphsler Bldg. & Realty
Co., 1245 78th Ave., Oakland.

(581) NE TWELFTH AND BROAD-
way. Alter slideway lights.
Owner.....Oakland Bank of Savings,
Oakland.
Architect...Reed & Meyer, Oakland
Bank of Savings Bldg., Okd
Contractor...J. E. Dwan & Co., 445
Turk, San Francisco.

COST, \$900

(584) SCENIC AVE., Piedmont. One
and one-half-story bungalow.
Owner.....Mrs. Jack London, Oakland
Architect...None.
Contractor...Harris & Hudson, 1957 E-
38th, Oakland.

COST, \$3400

(585) NO. 36; TWELFTH, Oakland.
Alterations.
Owner.....C. Scarpulla, Premises.
Architect...None.
Contractor...Alex Thomson, 2766 Grove,
Oakland.

COST, \$400

(586) NO. 3047 E-FOURTEENTH, Oak-
land. Alterations.
Owner.....Frank Turner, 3747 E-14th,
Oakland.
Architect...None.
Contractor...W. G. Thornally Jr., 3027
E-16th, Oakland.

COST, \$400

(587) NO. 1349 EIGHTY-FIRST AVE.,
Oakland. Alterations.
Owner.....Ed Roderick, Premises.
Architect...None.
Day's work.

COST, \$400

(588) NO. 477 TENTH, Oakland. Al-
terations.
Owner.....Mrs. N. A. Agard, S. F.
Architect...None.
Contractor...Anderson & Rainey, 180
Jessie, San Francisco.

COST, \$450

(594) W CARY AVE 229 S Edes, Oak-
land. One-story 3-room dwelling.
Owner.....Walter Brown, 1007 57th,
Oakland.
Architect...None.
Day's work.

COST, \$400

(595) W PARK AVE 52 N E-11th,
Oakland. One-story 3-room dwelling
Owner.....Code Portland Can Co.,
28th Ave and E-11th, Okd.
Architect...None.
Contractor...Leydecker & Fake, 1616
25th Ave., Oakland.

COST, \$450

(596) N E-ELEVENTH 268 W Park
Ave., Oakland. One-story three-room
dwelling.
Owner.....Code Portland Can Co.,
28th Ave and E-11th, Okd.
Architect...None.
Contractor...Leydecker & Fake, 1616
25th Ave., Oakland.

COST, \$450

(598) N WASHINGTON AVE Cor.
Polton, Oakland. Two-story cook
house.
Owner.....Hutelinson Paving Co.,
13th and Franklin, Okd.
Architect...None.
Day's work.

COST \$1400

(599) W SHAFTER AVE 40 S 48th,
Oakland. One-story 6-room dwlg.
Owner.....E. Solari, 4797 Telegraph
Ave., Oakland.
Architect...None.

Contractor...D. Uccello, 434 Avon, Okd.
COST, \$2200

(600) S E-THIRTY-FIRST 185 E
14th Ave., Oakland. One-story five-
room dwelling.
Owner.....H. W. Blore, 37th Ave, Okd
Architect...None.
Contractor...Geo. H. S. Haly, 201 Union
Savings Bank, Bldg., Okd.

COST, \$1890

(601) N DOUGLASS 100 E 78th Ave.,
Oakland. One-story 6-room dwlg.
Owner.....Fuller & Todd, 7920 E-14th
Oakland.
Architect...None.
Contractor...A. B. Chase, 5310 Dover,
Oakland.

COST, \$3000

(602) N E-FIFTEENTH 103 E 55th
Ave., Oakland. One-story 5-room
dwelling.
Owner.....Geo. M. Cunningham, 1526
55th Ave., Oakland.
Architect...None.
Day's work.

COST, \$1600

(604) N SIXTY-SECOND 50 W Mar-
shall, Oakland. One-story 5-room
dwelling.
Owner.....Ben. F. Frohn, 152 62nd,
Oakland.
Architect...None.
Contractor...E. A. Thompson, 6007
Shattuck Ave., Oakland.

COST, \$1900

Building Contracts Awarded Berkeley.

535 McCormack	Owner	500
537 Tryner	Vaughn	4766
558 Berkeley Dev	Madison	2500
559 Same	Same	2500
560 Same	Same	2500
561 Kennedy	Kennedy	2000
562 King	King	1800
567 Wilson	Kolner	4000
572 Ala Co Bldrs	Wiley	3000
575 Jones	Bevel	1600
582 Button	Button	3000
583 Marshall	Diggs	3500
596 Code	Fake	450
597 Coward	Coward	2500
603 Swanson	Spittler	3750
605 Ala Co Bldrs	Peake	3400
606 Am Photo	Gen Eng	7700

(525) E ALVARADO ROAD 25 E Tun-
nel Road, Berkeley. One-story gar-
age.
Owner.....Mrs. D. W. McCormack, 18
Alvarado Road, Eklv.
Architect...None.
Day's work.

COST, \$500

(537) LOT 15 BLK "M" Map North-
brae Terrace, Berkeley. All work
for two-story and basement frame
dwelling.
Owner.....Geo R. Tryner, 2729 Prince
Berkeley.

Architect...None.
Contractor...M. C. Vaughn, 5833 Ayala
Ave., Oakland.

Filed Feb. 24, '13 Dated Feb 21, '13
Frame up
 4 || Plastered | 4 |
| Acceptance filed | 4 |
| Usual 35 days | 4 |

TOTAL COST, \$4766

Bond, \$2383 Surety, Maryland Casualty
Co. Limit, 100 days. Forfeit, none.
Plans and specifications filed.

(567) 1-TN LOTS 64, 65, AND 66, Uni-
versity Villa Tract, Berkeley. All
work for two-story frame dwelling.
Owner.....Alice and Clare W. Wilson
2811 Stuart, Berkeley.
Architect...None.

Contractor Jacob Kollmer, 2811
Stuart, Berkeley.
Filed Feb. 26, '13. Dated Feb. 25, '13.
Frame up \$1000
1st coat plaster on 1000
Completed 1000
Usual 35 days 1000
TOTAL COST, \$4000
Bond, none Limit, 90 days. Forfeit,
\$1. Plans and specifications, none.

(572) E COLLEGE AVE 60 N Webster,
Berkeley. One-story and attic five-
room dwelling.
Owner.....Alameda Co. Home Bldrs.,
Inc., 401 1st National Bank
Bldg., Berkeley.
Architect...W. H. Ratcliff Jr., 1st National
Bank Bldg., Bkly.
Contractor...J. M. Wiley, 1718 Hearst
Ave., Berkeley.
COST, \$2000

(575) NE CALIFORNIA AND FRAN-
cisco, Berkeley. One-story five-room
dwelling.
Owner.....C. T. Jones, 2425 Prince,
Berkeley.
Architect...None.
Contractor...Revel & Jones, 2142½
Shattuck Ave., Berkeley.
COST, \$1600

(582) E COLLEGE AVE 400 S Wool-
sey, Berkeley. One-story six-room
dwelling.
Owner.....L. W. Button, 5930 Tele-
graph Ave., Berkeley.
Architect...None.
Day's work COST, \$3000

(583) S RUSSELL 360 W Claremont
Ave., Berkeley. Two-story 7-room
dwelling.
Owner.....Marshall-Diggs, 2967 Ava-
len, Berkeley.
Architect...Olin S. Grove, 2911 Tele-
graph Ave., Berkeley.
Day's work COST, \$3500

(593) N MCKINLEY 36 S Channing,
Berkeley. One-story 5-room dwlg.
Owner.....R. B. Pendleton, 2127 Uni-
versity Ave., Berkeley.
Architect...None.
Contractor...F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
COST, \$1500

(597) S SHAFER AVE 317 W Pryal,
Berkeley. One and one-half-story 6-
room dwelling.
Owner.....Jas. Coward.
Architect...None.
Day's work COST, \$2500

(603) W LOS ANGELES 200 N The
Circle, Berkeley. Two-story seven-
room dwelling.
Owner.....H. C. Swanson, 2011
Parker, Berkeley.
Architect...None.
Contractor...E. B. Spitzer, 2154 Ashby
Ave., Berkeley.
COST, \$3750

(605) S FOREST AVE 150 W Pied-
mont Ave W 40xS 102 ft. 5 in., Ber-
keley. All work for two-story dwlg.
Owner.....Alameda County Home
Bldrs., Inc., 401 1st Nat'l.
Bank Bldg., Berkeley.
Architect...None.
Contractor...Peake-Munro Co, 2127
University Ave., Berkeley.
Filed March 1, '13. Dated Feb. 27, '13.
Frame up 4
Rough coat plaster on 4
Accepted 4

Usual 35 days 4
TOTAL COST, \$3400
Bond, none Limit, 70 days. Forfeit,
\$1. Plans and specifications, none.

(606) S ADDISON 50 E Bonar 50 feet
on Addison, Berkeley. Dry kilns,
boiler room, fuel bins, shaving ex-
haust system, heating and oil burn-
ing system for two and one-story
brick factory.
Owner.....American Photo Player Co
Architect...None.
Contractor...The General Engineering
Co., 281 Natoma, S. F.
Filed Feb. 28, '13. Dated Feb. 28, '13.
On 1st of each month 75%
Usual 35 days 25%
TOTAL COST, \$7700
Bond, \$3350. Surety, Guardian Casualty
& Guaranty Co. Limit, none. Forfeit,
none. Specifications only filed.

Building Contracts Awarded

Alameda.

522	Mansfield	Nelson	600
523	Westbrook	Aitchison	400
524	Co-Op. Bldg	Owner	2000
525	MacGregor	Owner	1800
526	Same	Same	1800
528	Jansen	Delaney	4225
549	Waldie	Waldie	3900
573	Finley	Negley	2000
574	Cole	Cole	2000
576	Martin	Martin	2000
589	Strang	Strang	2000
590	Hart	MacRae	400
591	Lewis	Lewis	1600
592	Griffin	Clark	400
593	Pendleton	Peake	1500
594	Brown	Brown	400
595	Cole	Fake	450

(522) NO. 2020 CLINTON AVE., Ala-
meda. Alter flats.
Owner.....S. A. Mansfield, Premises.
Architect...None.
Contractor...H. C. Nelson, 1808 Elm,
Alameda.
COST, \$600

(523) NO. 1247 SHERMAN, Alameda.
Garage.
Owner.....Henry Westbrook, Prem.
Architect...None.
Contractor...Aitchison & Sons, 548
Santa Clara Ave., Ala.
COST, \$400

(524) NO. 3255 CENTRAL AVE., Ala-
meda. One-story dwelling.
Owner.....Co-Operative Bldg. Co.,
4301 Central Ave., Alameda
Architect...None.
Day's work COST, \$2000

(525) NO. 641 BUENA VIST AVE.,
Alameda. One-story dwelling.
Owner.....C. M. MacGregor, 470 13th,
Oakland.
Architect...None.
Day's work COST, \$1800

(526) NO. 639 BUENA VISTA AVE.,
Alameda. One-story dwelling.
Owner.....C. M. MacGregor, 470 13th,
Oakland.
Architect...None.
Day's work COST, \$1800

(538) W SHERMAN 210 S San Antonio
Ave S 50xW 150, Alameda. All work
for one-story and basement dwelling
Owner.....Anita K. Jansen, S. F.
Architect...None.
Contractor...Delaney & Randlett, 2303
Central Ave., Alameda,
Filed Feb. 24, '13. Dated Feb. 20, '13.
Frame up 4
Plastered 4

Completed
Usual 35 days
TOTAL COST, \$42
Bond, none. Limit, 90 days. Forfe-
none. Plans and specifications filed.

(549) W THE ALAMEDA 300 S Mo-
cray Ave., Berkeley. Two-story
room dwelling.
Owner.....James Waldie, 2144 Lh
coln Ave., Alameda.
Architect...A. Merrill Bowser, 10
Broadway, Oakland.
Contractor...R. Waldie & Co., 18
Virginia, Berkeley.
COST, \$39

(573) NO. 463 HAIGHT AVE., Al-
ameda. Alterations.
Owner.....R. H. Finley, Premises.
Architect...None.
Contractor...Frank Negley, 1372 Pear
Alameda.
COST, \$4

(574) NO. 745 PACIFIC AVE., Al-
ameda. One-story dwelling.
Owner.....Mark T. Cole, 703 Synd-
cata Bldg., Oakland.
Architect...None.
Day's work COST, \$20

(576) NO. 744 SANTA CLARA AVE,
Alameda. One-story dwelling.
Owner.....G. C. Martin, 1764 Broad-
way, Oakland.
Architect...F. Silsbee, 440 24th, Okl.
Day's work COST, \$20

(589) NO. 1361 BUREBANK, Alamed
One-story dwelling.
Owner.....E. H. Strang, 1116 San
Clara Ave., Alameda.
Architect...None.
Day's work COST, \$20

(590) NO. 1137 BISHOP, Alameda. Al-
dition.
Owner.....E. P. Hart, 1117 Park Av
Alameda.
Architect...None.
Contractor...C. W. MacRae, 2315 Enc
nal Ave., Alameda.
COST, \$40

(591) NO. 807 PACIFIC AVE., Ala-
meda. One-story 6-room dwelling.
Owner.....Wm. L. Lewis, 1814 Chap-
Alameda.
Architect...C. L. Wilson, 412 Cor
Bldg., Los Angeles.
Day's work COST, \$16

(592) NO. 1611, SANTA CLARA AVE
Alameda. Repairs after fire.
Owner.....Chas. W. Griffin, 16
Santa Clara Ave., Alamed
Architect...None.
Contractor...R. P. Clark, 2214½ San
Clara Ave., Alameda.
COST, \$40

SAN JOSE AND THE SANT. CLARA VALLEY.

CLUB HOUSE—5 story and bas
Class A construction. Cost not state
Monterey, Monterey Co., Cal. Arch
tect, J. W. Chalmers, Mason Bldg.,
A. Owners, Los Angeles Capitalis
headed by M. L. Foster, Mason Bldg.,
A. The building is to be designed for
a private club, and will cover an arc
of 120x190 feet. Besides the large
social halls, banquet room, dining
rooms, billiard room, bowling alley
and sun parlor, the building will con-
tain forty suites. Plans include

unge and private baths. Interior will be handsomely finished in hardwoods and tile. There will be a complete steel frame with exterior walls of glazed terra cotta. Plans are being prepared.

SCHOOL—1 story and base, frame and concrete, \$22,500. Kings City, Monterey Co., Cal. Architect, H. B. Douglas, Watsonville. Owners, Kings City School District. The building will contain six class rooms and an assembly hall. The design is in the Mission style, the exterior to be faced with cement plaster on metal lath. There will be furnace heat and a program lock system. Interior finish will be of pine throughout. Plans are complete and figures for the construction were opened on Saturday last. A complete list of the bids will appear in our next issue.

Building Contracts.

SANTA CLARA COUNTY.

NO. 416 N-FIFTEENTH, San Jose. Five room cottage.
Owner.....Alex. York, Russ House, San Jose.

Architect...None.
Day's work.....COST, \$2000

W FOURTEENTH, 2nd Lot S San Salvador, San Jose. Two-story bungalow.
Owner.....Lewis & Lewis, Mountain View, Cal.

Architect...None.
Day's work.....COST, \$4000

NO. 256 HOBSON, San Jose. Remodel and repair residence.

Owner.....T. Curdo, Premises.
Architect...None.
Day's work.....COST, \$500

E TWENTY-FIRST N Julian, San Jose. One-story cottage.

Owner.....Frank Calabery, 378 N-7th, San Jose.

Architect...None.
Day's work.....COST, \$2000

NO. 465 N-SIXTEENTH, San Jose. Six-room cottage.

Owner.....E. D. Wells, Premises.
Architect...None.
Day's work.....COST, \$2000

NO. 469 N-SIXTEENTH, San Jose. Five-room cottage.

Owner.....E. D. Wells, Premises.
Architect...None.
Day's work.....COST, \$1800

NO. 851 S-SEVENTH, San Jose. Repair and remodel residence.

Owner.....C. H. Hines and E. H. Kyle, Premises.

Architect...None.
Day's work.....COST, \$800

NO. 375 E-JACKSON, San Jose. Repairs.

Owner.....J. Delle, Premises.
Architect...None.
Day's work.....COST, \$400

NO. 509 S-MARKET, San Jose. Repairs.

Owner.....J. V. Christen, Premises.
Architect...None.
Day's work.....COST, \$400

W SEVENTEENTH, bet San Carlos and San Salvador, San Jose. Six-room cottage.

Owner.....W. M. Lewis, S-Priest, S. J. Architect...None.
Day's work.....COST, \$2800

ALUM ROCK PARK, near San Jose. All work for Alum Rock Pavilion.

Owner.....City of San Jose.
Architect...F. D. Wolfe, Smout Bldg., San Jose.

Contractor...A. R. Short, 1100 Delmas, San Jose

Filed Feb. 21, '13. Dated Feb. 17, '13.
Frame up.....\$1996 25
Brown coat plaster on.....1996 25
Completed and accepted.....1996 25
Usual 35 days.....1996 25

TOTAL COST, \$7985 00
Bond, \$2992.90. Sureties, W. M. Stalker and D. O. Druffel. Limit, 100 working days. Forfeit, \$1. Plans and specifications filed.

COR. SECOND & JACKSON, San Jose. All work for one-story frame fire house.

Owner.....City of San Jose.
Architect...C. S. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor...W. R. Latta, 423 N-11th, San Jose

Filed Feb. 20, '13. Dated Feb. 20, '13.
Frame up.....\$687 50
Brown coat plaster on.....687 50
Building completed.....687 50
Usual 35 days.....687 50

TOTAL COST, \$2750 00
Bond, \$1375. Sureties, M. E. Kilcourse and Chris. Pallesen. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

LOT 16 BLK NO. 7, Town of Sunnyvale. All work for one-story frame bldg.

Owner.....M. Bertha Taylor, Sunnyvale, California.

Architect...O. M. Voorman, 58 South First, San Jose.

Contractor...R. M. Barton, Sunnyvale.

Filed Feb. 27, '13. Dated Feb. 20, '13.
Roof on.....\$708
Plastering finished.....708
Building completed.....708
Usual 35 days.....708

TOTAL COST, \$2832 00
Bond, \$1416. Surety, Maryland Casualty Co. Limit, 70 working days. Forfeit, \$1. Plans and specifications filed.

Completion Notices.

SANTA CLARA COUNTY.

RECORDED ACCEPTED

Feb. 24, 1913—E LINCOLN AVE AND Willow, San Jose. Henrietta A Willey to R Wenk.....Feb. 21, 1913

Feb. 25, 1913—STANFORD UNIVERSITY (Memorial Church). Stanford University Trustees to The McGilvray Stone Co.....Feb. 18, 1913

Feb. 25, 1913—COR ALMA & LYTTON Ave, Palo Alto. H N Conwet to S Saari.....Feb. 20, 1913

Feb. 26, 1913—LOTS 35 AND 36, Bailey Subdivn Town of Mountain View. Roy C Wheeler to C C Lewis.....Feb. 21, 1913

.....Feb. 20, 1913

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Building Contracts.

SAN MATEO COUNTY.

THAT PORTION OF ESTATE OF Charles Templeton Crocker known as "Uplands" located in San Mateo Co. Furnish all structural steel for Class "A" residence.

Owner.....Chas. Templeton Crocker, Crocker Bldg., S. F.

Architect...Williams Polk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...Ralston Iron Works, 20th and Indiana, S. F.

Filed Feb. 7, '13. Dated Feb. 4, '13.

Progressive payments of.....75%
Usual 35 days.....25%

TOTAL COST, \$22,150
Bond, \$11,100. Surety, Pacific Coast Casualty Co. Limit, Aug. 1. Forfeit, none. Plans and specifications filed.

HILLSBOROUGH. Marble work for completion of residence.

Owner.....J. D. Grant, 2300 Broadway, San Francisco.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...Joseph Musto Sons-Keenan Co., 565 North Point, S. F.

Filed Feb. 19, '13. Dated Feb. 13, '13.

As work progresses.....75%
Usual 35 days.....25%

TOTAL COST, \$2575
Bond, \$1300. Surety, Pacific Coast Casualty Co. Limit, April 1st. Forfeit, \$25. Plans and specifications filed.

NE BAYSWATER AND PARK ROAD. Burlingame. All work for two-story and basement six-room frame residence.

Owner.....Jeremiah Twomey, Burlingame.

Architect...None.

Contractor...W. B. Eaton.

Filed Feb. 21, '13. Dated Feb. 21, '13.

Rough frame up.....\$771.50
Roof completed and plumbing roughed in.....771.50

Plastering completed.....771.50
Completed and accepted.....771.50

Usual 35 days.....1029.00
TOTAL COST, \$4115.00

Bond, \$2058. Sureties, Joseph Grimes and H. W. Regan. Limit, 90 days. Forfeit, none. Plans and specifications filed.

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ONE BID ON OAKLAND AUDITORIUM

No Action Taken.

The California Construction Co., the only firm to bid on the structural steel work on the Oakland Auditorium submitted a bid of \$177,867.

No action was taken as the matter will be referred to the City Attorney.

VACUUM CLEANING SYSTEM (two-sweeper plant) on above.

Contractor...Kommel-Nueller Co., 1251 So-Figueroa, Los Angeles.

Filed Feb. 26, '13. Dated Feb. 26, '13.

Payments same as above.....

TOTAL COST, \$1000

Bond, \$500. Surety, Title Guaranty &

Surety Co of Pennsylvania. Limit, 6 weeks. Forfeit, none. Plans and specifications filed.

PIPING, RANGE AND KITCHEN

equipment on above.
Contractor, W. W. Montague & Co., 557 Market, San Francisco.

Filed Feb. 26, '13. Dated Feb. 12, '13.
Payments same as above.

TOTAL COST, \$1470

Bond, \$750. Surety, Massachusetts Bonding & Insurance Co. Limit, July 1. Forfeit, none. Plans and specifications filed.

ELEVATOR WORK AND DUMB

walter work on above.
Contractor, Van Emon Elevator Co., 46 Natoma, S. F.

Filed Feb. 26, '13. Dated Feb. 24, '13.
Payments not given.

TOTAL COST, \$3750

Bond, \$1900. Surety, American Surety Co. of New York. Limit, none. Forfeit, none. Plans and specifications filed.

Completion Notices.

SAN MATEO COUNTY.

RECORDED ACCEPTED
Feb. 16, 1913—LOTS 3 AND 4 BLK "F," Fair Oaks Acres. J J Hachman as Geo W Mosher. Feb. 6, 1913
Feb. 17, 1913—LOTS 1 AND 2 BLK 16, San Mateo. Pacific Gas & Elec Co to Herman Bosch. Feb. 6, 1913

Completion Not. ces.

Alameda.

Feb. 24, 1913—LOT 2 Arnold Blvd Tract, Okd. Frank W Arnold to H L Wood. Completed Feb. —
Feb. 25, 1913—SAN DIEGO ROAD NO. 554, Berkeley. B C Aubrey to H C Knight. Jan. 14, 1913
Feb. 26, 1913—E WATTS 200 S Park Ave S 200x E 130, Emeryville. F G Forest to Lange & Bergstrom. Feb. 19, 1913
Feb. 25, 1913—S OCEAN VIEW DR 149.07 W Bay View Terrace 50x118, Okd. Fred L Cogswell to John A Bischoff. Feb. 21, 1913
Feb. 25, 1913—LOT 11 BLK 7 Graves & Taylor Trct. Bkly. J Emil and Lydia Hill to E J Ault. Feb. 21, 1913
Feb. 25, 1913—E FRUITVALE AVE 40 x E 120, Okd. Theresa C Asher to H W Arnold. Feb. 24, 1913
Feb. 25, 1913—N ADISON 50 W McGee Ave W 33 1-3xN 100, Bkly. Mary J Abbott to Adolph Morgensen. Feb. 20, 1913
Feb. 28, 1913—E LINDEN 156 2-3 S 18th S 50x E 125, Okd. Chas M Herkenham to Leo L Nichols. Feb. 28, 1913
Feb. 28, 1913—LOT 28 BLK 4 and SW ¼ Lot 29 Blk 4, Havenscourt, Okd. Thomas J O'Leary to A J Bellefontaine. Feb. 27, 1913
Feb. 28, 1913—LAKE PARK AVE NO. 590, Okd. P E Crabtree to whom it may concern. Feb. 28, 1913

LIENS FILED

Alameda.

Feb. 24, 1913—HELEN NO. 3221. Samuel A Stratton vs M F Dutra and Mrs M F Dutra. Feb. 25, 1913

Feb. 24, 1913—E NINTH AVE 150 S E-28th S 75xW 150, Okd. Grant Skidmore vs B Ethner. \$120
Feb. 25, 1913—LOTS 26 AND 27 BLK 191 Kellersbergers Map of Oakland No. 426 13th, Okd. Davis E Hughes vs Ernest Andersen. \$11
Feb. 26, 1913—SW SIXTH & WASHINGTON W along 6th 225 S 100 E 150 N 50 E 75 N 50, Okd. Judson Mfg Co vs W E Whalin, William Kelly, J C Rohan and Samuel Livingston. \$330.50
Feb. 28, 1913—S BUENA VISTA AVE 66 2-3 E Foley E 33 1-3xS 100, Ala. E D Malt vs L Gotthelm. \$23.50
Feb. 28, 1913—SE BUENA VISTA AV and Foley E along Buena Vista Ave 66 2-3xS 100, Ala. E D Malt vs L Gotthelm. \$28.50
Feb. 28, 1913—W FORTY-FIRST AVE 50 S Carrington S 82 W 100 N 80 E 80.47, Oakland. Alameda Hardwood Floor Co vs G W Eliassen and Guy Brown. \$50

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL—3 story and base, brick, \$30,000. Richmond, Contra Costa Co., Cal. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner's name withheld. The building will cover an area of 50x112 feet. There will be stores and the lobby and entrance on the first floor. Upper floors will be arranged for about forty guest rooms and several baths. Interior finish will be of pine and redwood throughout. The exterior of the building will be faced with pressed brick. A hot water system will be installed. Plans are nearly ready for figures.

HOTEL—3 story and base, brick, \$20,000. Richmond, Contra Costa Co., Cal. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Girilach. The building will be erected at the corner of Richmond and Railroad avenues and will cover an area of 40x90 feet. The first floor will contain the hotel offices, lobby, dining room and a bar. Upper floors are to be arranged for a total of forty guest rooms and a number of baths. Interior finish will be of pine throughout. All rooms will be supplied with hot and cold running water. There will be patent store fronts. The exterior of the building will be faced with pressed brick.

RESIDENCE—2 story and base, frame, \$3,500. Richmond, Contra Costa Co., Cal. Architect, J. B. Oghorn, Richmond. Owner, J. C. Shepherd. The house is designed to contain seven rooms and bath. Interior finish will be of pine and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

CITY HALL—2 story and base, frame, \$10,000. Larkspur, Marin Co., Cal. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, Town of Larkspur. Contractors, Peterson & Wilson, 1113 Post St., S. F. Contract price, \$8,785. A complete list of these figures appears under the heading of Marin, Contra Costa and Sonoma Counties in this issue.

Bids Opened For Larkspur City Hall

Contract Awarded to Peterson & Wilson

Bids were opened February 26th the construction of the Larkspur City Hall. Peterson & Wilson, 1113 Post San Francisco, were the lowest bidders and were awarded the contract.

The following is a complete list of the bidders:

Le Cormec & Warden.....	\$ 8.87
H. W. Arnold.....	8.92
J. Hurst.....	8.93
Peterson & Wilson.....	8.78
Fred H. Field.....	9.07
Ludwig Koenig.....	9.95
Robt. A. Wilson.....	9.03
Chas. M. Lindsay.....	9.93
William Bruce.....	10.50
W. Finlayson.....	9.48
Geo. W. Eliassen.....	9.23

Plans for this building were prepared by Architect C. O. Clausen, Phelan Bldg., San Francisco, and call for two-story frame building of the Mission style of architecture.

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 24 AND 25 BLK 104, City of Richmond. All work for one-story brick office building.
Owner.....D. F. McDonald, Richmond
Architect.....J. B. Oghorn, Richmond.
Contractor.....Chas. Johnson, Richmond
Filed Feb. 26, '13. Dated Feb. 25, '13.
Brick work completed.....\$467
Roof completed.....467
Building completed.....467
Usual 35 days.....467

TOTAL COST, \$1870.

Bond, \$935. Sureties, Theodore Macolla and J. J. Davis. Limit, 30 working days. Forfeit, \$1.50. Plans and specifications filed.

TOWN OF RODEO. All work for on story 4 class-room Class "C" school.
Owner.....Rodeo School District
Rodeo.

Architect.....N. W. Sexton, Chronicle Bldg., San Francisco.

Contractor.....Geo. W. Boxton, Hear Bldg., San Francisco.

Filed Feb. 21, '13 Dated Jan. 14, '13.
Brick work and first floor is completed.....\$2117
All brick work and septic tank installed.....2117
Roof on.....2117
All work completed.....2117
Usual 35 days.....2828

TOTAL COST, \$11,297

Bond, \$6000. Surety, Southwestern Surety Insurance Co. Limit, 100 working days. Forfeit, \$10. Plans and specifications filed.

SACRAMENTO, STOCKTON NORTHERN CALIFORNIA.

FLATS—2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter Kin Elks' Bldg., Stockton. Owner, Stephen Arnold. The building will be arranged for four flats of four and five rooms each. All bed rooms will be equipped with wall beds. Interior finish will be of pine throughout. Tile will be used in the baths and kitchens. The exterior

rior of the building will be covered with rustic. Plans for this work are now being prepared.

HOTEL AND STORES—3 story and base, brick. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, Stockton Ice and Fuel Co. The building will occupy a corner site and will cover an area of 50x100 feet. Construction will be of brick and steel. The first floor will contain several stores besides the hotel lobby. Upper floors will be arranged for single rooms and baths. Interior finish will be of pine throughout. Entrance will be finished in mosaic and tile. A central heating system and running hot and cold water will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

FLAT ALTERATIONS—Frame construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mrs. L. E. Blanchard. A two-story dwelling now on the property will be altered into four modern flats. This work will require new interior finish, plumbing, plastering, electric work and painting. Open fire places and tile mantels will be used. The exterior of the building will be covered with rustic. Plans for this work are being prepared.

Building Contracts.

SACRAMENTO COUNTY.

N 85 FT. OF LOT 2, J, K, 14TH AND 15th Sts., Sacramento. Plastering for five-story apartment house.

Owner.....Chauncey Dunn, Nicholas Bldg., Sacramento.
Architect...Cuff & Diggs, Elks' Bldg., Sacramento.

Contractor...Ransome Concrete Co., Sub-Contractor...H. A. Chalmers, Inc., 4711 California, S. E.
Filed Feb. 25, '13. Dated Feb. 18, '13.
COST, \$10,100

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 5 BLK 1, S Flora, bet Edison and Baker, Stockton. All work for two-story frame building.

Owner.....John C. McCarty, Wewener Station.
Architect...David and John Sinnott.
Contractor...David & John Sinnott, 1036 N-Center, Stockton.

Filed Feb. 27, '13. Dated Feb. 26, '13.
Frame up\$950
Plastering completed 950
Building completed 950
Usual 35 days..... 950
TOTAL COST, \$3,800

Bond, none. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

S 26 FT. LOT 12 and E 2 ft. of South 80 ft. of Lot 10 Blk 71 S M C, Stockton. Frame flats.
Owner.....Albes & Gilbeau.
Architect...None.
Day's work. COST, \$4,000

PTNS LOTS 5 AND 7 BLK 116 S M C, Stockton. Frame building.

Owner.....E. Eymard, 1114 S-Center, Stockton.
Architect...None.
Day's work. COST, \$1,400

PARTS LOTS 9 AND 11 BLK 100, S M C, Stockton. Frame building.
Owner.....W. A. Neal.
Architect...None.
Day's work. COST, \$1,400

LOT 11 BLK 16 S M C, Stockton. Erect frame building.
Owner.....Harriet N. Long, 645 N-Grant, Stockton.
Architect...None.
Day's work. COST, \$1,400

NO. 126 E-WASHINGTON, Stockton. Repair flooring.
Owner.....M. Rossi, 1304 N-San Joaquin St., Stockton.
Architect...None.
Day's work. COST, \$50

BLK 109, East, Stockton. One-story brick building.
Owner.....El Dorado Brewing Co., 626 N-America, Stockton.
Architect...None.
Day's work. COST, \$2,500

LOT 1 BLK 44, East, Stockton. Add to frame building.
Owner.....Maria A. Dutschke, 445 N-Auroa, Stockton.
Architect...None.
Day's work. COST, \$200

PTN. COUNTY SURVEY 2929, bet Webster Ave and Monore, Stockton. One-story concrete and steel building.
Owner.....Ora Electric Corporation.
Architect...None.
Day's work. COST, \$35,000

E 33 1-3 LOT 6 BLK 80 S M C, Stockton. Frame building.
Owner.....Mary E. Gibson.
Architect...None.
Day's work. COST, \$600

E 16 2-3 LOT 4 and W 16 2-3 LOT 6 Blk 80, S M C, Stockton. Frame bldg.
Owner.....Mary E. Gibson.
Architect...None.
Day's work. COST, \$600

W 33 1-3 LOT 4 BLK 80 S M C, Stockton. Frame building.
Owner.....Mary E. Gibson.
Architect...None.
Day's work. COST, \$600

LOT 12 BLK 11 E, Stockton. Erect frame building.
Owner.....P. G. Knutzen, 601 E-Webster, Stockton.
Architect...None.
Day's work. COST, \$1,500

LOT 1 BLK 28 WEST, Stockton. Remodel dwelling into flats.
Owner.....Hodykins & Sittl, 313 E-Webster Ave., Stockton.
Architect...None.
Day's work. COST, \$1,500

S ½ LOT 15 AND N 12½ LOT 16 BLK 101, S M C, Stockton. Frame bldg.
Owner.....W. P. Colt, 903 S-San Joaquin St., Stockton.
Architect...None.
Day's work. COST, \$900

S ½ LOTS 9 AND 10 AND N ½ LOT 15 Blk 101, S M C, Stockton. Remodel frame building.

Owner.....W. P. Colt, 903 S San Joaquin St., Stockton
Architect...None.
Day's work. COST, \$100

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base, frame, \$8,000. Madera, Madera Co., Cal. Architects, Parker & Kenyon, 244 Kearny St., S. F., associated with J. Carl Thayer, Fresno. Owner, Richard Roberts, Commercial Bank of Madera. The dwelling will contain eight rooms, baths and sleeping porch. Interior will be finished in pine, redwood and oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the baths and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

BRIDGE—Steel and concrete. Cost not stated. La Grange, Stanislaus Co., Cal. Engineer, County Surveyor E. H. Annear, Modesto. Owners, Stanislaus County. This bridge will be erected over the Tuolumne River at La Grange. No description of the work has been received and details are lacking. Plans have been approved by the Board of Supervisors and bids are now being taken. Bids will be opened by the Board of Supervisors at Modesto on March 11th. Complete information, plans and specifications can be obtained from the County Surveyor.

SCHOOL—1 story and base, brick, \$30,000. Taft, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, Conley School District. Plans have been accepted by the Board of School Trustees for this building and construction work will be undertaken early in March. The building contain six rooms and an assembly hall. Interior finish will be of pine throughout. The exterior will be faced with cement plaster. Roof will be of red clay tile. Bids will be called for by the Board of Trustees. Plans can be secured from the architect.

Contracts Awarded.

LODGE HALL—3 story and base, brick, \$25,000. Modesto, Stanislaus Co., Cal. Architect, Ralph P. Marrell, Yosemite Theatre Bldg., Stockton. Owner, Mr. Tully. Contractor, George Shannon, \$21,485, general construction for only. Bids will be received later for the heating, plumbing and electric work. The following bids were received for the general construction: W. H. Arnold, \$25,450; Bishop-Stevenson Co., \$25,600; A. N. Frost, \$24,047; Ulrich & Howell, \$23,600; George Shannon, \$21,485.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—6 story and base, reinforced concrete. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, E. Tisnerat. The building will be located on a corner and will contain a total of eighty rooms, arranged in suites of from two to five rooms each. All apartments will have wall beds and private baths. Interior finish will be

of pine and hardwoods. There will be steam heat, elevator service, hot water plant and vacuum cleaning system. Bath rooms will have tile wainscot and composition floors. Interior partitions will be of hollow tile and metal lath and plaster. The exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Venice, Los Angeles Co., Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, Dr. J. C. Elliott. The building is to be arranged for stores on the first floor and modern two and three room suites on the upper floors. The structure will cover an area of 75x60 feet. Interior will be finished in pine. There will be twenty baths with composition floors. Plans include steam heat and a vacuum cleaning system. The exterior will be faced with pressed brick. Patent store fronts will be used. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, E. J. Borgmeyer, Stinson Bldg., L. A. Owner, Mrs. John Heatherington. The building will contain 60 rooms arranged in two and three room apartments. All suites will have running hot and cold water, wall beds and private baths. Interior of the building will be finished in pine and tile wainscot. There will be steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are now nearly complete and the work will be done by Day Labor.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, E. Cooper Corbett, Union Oil Bldg., L. A. Owner, Mr. Young. The building will cover an area of 50x140 feet, and will contain forty rooms, which are to be arranged in suites of two and three rooms each with wall beds and private baths. Interior finish will be of pine throughout. Bath rooms will have composition floors. A hot water system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BANK AND OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, William Curlett & Son, Phelan Bldg., S. F., and Title Insurance Bldg., L. A. Owners, Merchants' Fireproof Building Co. This building is to be erected at the northeast corner of 6th and Spring streets. The entire first floor has been leased to one of the leading financial institutions of Los Angeles. The building has been mentioned in these columns a number of times before when the architects first were commissioned. Plans are now complete and figures are being taken on the work.

CITY HALL—2 story and base, brick and steel. Cost not stated. Alhambra, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Town of Alhambra. Plans for a building to house the municipal offices have been completed and approved by the Trustees. Bids are now being taken and will be opened on March 22nd. The structure will cover an area of 50x150 feet, and will be of brick construction with the exterior faced with pressed brick and terra cotta. Interior will be finished

in hardwood, marble and tile. A central heating system will be installed. Special concrete vaults are specified. Plans can be secured from the architects.

HOTEL—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Butler Bros., Mason Bldg., L. A. Owner, E. B. Dukeman. The building will have a frontage of 61 feet and a depth of 165 feet. Interior will contain a total of 120 guest rooms and 20 baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior finish will be of pine throughout. Metal lath and plaster partitions will be used. The exterior of the building will be faced with pressed brick. Some tile will be used in the bath rooms. Plans are being prepared.

HOTEL—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Wallis & Morgan, Story Bldg., L. A. Owner, Mrs. F. W. Sabichi. The building will cover an area of 50x150 feet. The first floor will contain a number of stores besides the hotel entrance, lobby and offices. Upper floors will be arranged for a large number of single rooms. There will be several baths on each floor. Plans include steam heat, elevator service and hot and cold running water. Metal window sash and frames are to be used. The entrance will be finished in tile and marble. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—8 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owners, Biescar Estate. Preliminary plans only have been prepared for this work and none of the details of construction are available at this time. The building will be erected on Hope street north of 8th, and is to be fireproof throughout. Complete details will be given as the plans progress.

STORES AND LOFTS—5 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Metropolitan Fireproof Building Co. This building will be erected at the northwest corner of Broadway and 5th street. The first floor will be arranged for stores and the upper floors for lofts suitable for light manufacturing purposes. Interior will be finished in pine. There will be fireproof doors, metal lath and plaster interior partitions and metal window frames and sash. Plans provide for elevator service, mail chutes, a vacuum cleaning system and automatic sprinklers. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

STORES AND LOFTS—6 story and base. Class B construction. Cost not stated. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Edward D. Silent & Co. The building will cover an area of 60x51 feet with an L 30x109 feet. The interior will be finished in pine and hardwood. There will be metal window sash and frames, elevator service, a vacuum cleaning system and steam heat. The wing portion of the structure will be but two stories in height. Plans are complete and figures are being taken.

RESIDENCE—2 story and base frame, \$20,000. Hollywood, Los Angeles Co., Cal. Architect, R. Coope Corbett, Union Oil Bldg., L. A. Owner, Mr. Perry. The dwelling will contain in the neighborhood of fourteen rooms and several baths. Interior finish will be of pine and hardwoods. Oak floors will be used throughout except in the bath rooms, which will have composition floors and tile wainscot. There will be furnace heat and an automatic water heater. There will be open fire places and brick mantels. A clay tile roof is specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared for the work.

WHARF—Reinforced concrete, \$65,000. Huntington Beach, Los Angeles Co., Cal. Engineer, City Engineer Huntington Beach. Owners, Town of Huntington Beach. Plans for this work have been approved by the Town Trustees and bids are now being taken. All figures must be in the hands of the City Clerk, C. E. Lavinger, by March 10th. The wharf will be of reinforced concrete except the deck which is to be of frame construction.

CHURCH ADDITION—1 story frame \$10,000. Long Beach, Los Angeles Co., Cal. Architects, Austin & Lochridge 18 Locust Ave., Long Beach. Owners, Grace Methodist Church. The building will be in the nature of an addition to the present building. New portion will cover an area of 52x80 feet and will be used as the auditorium. The portion of the building will be altered for Sunday school purposes. Interior finish will be of pine throughout. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgin Bldg., L. A. Owner, Mrs. Marie Hammel. The building will be designed for a commercial garage and is to cover an area of 50x140 feet. There will be a cement floor and brick exterior walls, faced with enameled brick. Considerable structural steel will be used. Plans call for metal window frames and sash. Interior finish will be of pine throughout. Plans are being prepared.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, California Real Estate and Building Co., L. A. Owners, May and Grimwood, 903 Security Bldg., L. A. The building has been designed for a commercial garage and will cover an area of 75x157 feet. Interior of the front portion of the building will be arranged for sales rooms and will be handsomely finished. There will be a cement floor and special gasoline storage tanks. Metal window frames and sash are called for in the specifications. The exterior of the building will be faced with glazed brick. Plans are being prepared.

HOSPITAL—2 story and base, brick and steel. Cost not stated. Oxnard, Ventura Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. The building will be 40x50 feet with two wings 50 feet each. It will contain the usual wards, both public and private, operating rooms, kitchens and dining rooms. Special nurses' quarters will also be provided. There will be a central heating system and vacuum cleaning

PATENTS

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ent. Interior finish will be of pine and hardwood. Tile will be used in the lavatory rooms and baths. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Armstrong. Security Bldg., L. A. Owners, Rosslyn Hotel Co. This building is been mentioned in these columns before when plans were first started. Working drawings for the structural steel, concrete work, masonry and carpentry work and plumbing are complete and figures are being taken. Construction will be Class A throughout. The structure covers an area of 50x115 feet and will contain a total of about 175 guest rooms. Construction cannot be undertaken until the basis on the present buildings expire, which is in November.

PASSENGER DEPOT—2 story and base, brick and steel, \$75,000. Douglas, Ariz. Architect's name not given. Owners, El Paso and Southwestern R. R. Co. Work is to be started at once under the Day Labor system on the construction of the superstructure of a new depot. The building covers a large area. Interior will be finished in pine and hardwoods. The exterior will be faced with pressed brick.

SCHOOLS—3 buildings, 1 story and base, brick, \$170,000. Long Beach, Los Angeles Co., Cal. Architect, A. Burnside Sturges. Story Bldg., L. A. Owners, City of Long Beach. Two of the buildings will contain six standard class rooms, auditorium to seat 300, offices, etc., and will cost about \$30,000 each. They will be erected at the Temple street and East Fourth street sites. The other building will contain sixteen standard class rooms, auditorium to seat 500, library offices, etc., and will cost about \$30,000. The buildings will be of brick construction and will probably be plastered on the exterior. Seventeen sets of plans were received in competition by the Board of Education.

RESERVOIR—Reinforced concrete. Cost not stated. Puente, Los Angeles Co., Cal. Engineer, George W. Harding. 621 Citizens' National Bank Bldg., L. A. Owners, Puente Water Co. The reservoir will be 225 feet in diameter and 10 feet deep. Construction will be of reinforced concrete. The capacity of the big tank is to be 3,000,000 gallons. Plans are complete and figures are being taken by the engineer.

WATER MAIN EXTENSIONS—Cost not stated. San Diego, Cal. Engineer, H. A. Whitney. San Diego Water Department. Owners, City of San Diego. Plans are being prepared for a second

high pressure pipe line from the Chollas Reservoir to San Diego. The line will be of 28-inch pipe and four and one-half miles long. Bids will be called for as soon as the plans can be completed.

Contracts Awarded.

STUDIO BUILDINGS—Reinforced concrete, \$50,000. Santa Barbara, Santa Barbara Co., Cal. Architect, J. Corbrey Poole, Santa Barbara. Owners, American Film Co. Contractor, Magnus Johnson, Santa Barbara. Note: This contract has been taken on a percentage basis.

SCHOOLS—2, 1 story and base, brick and frame. Cost not stated. Orange, Orange Co., Cal. Architect, Fred H. Eley. Santa Ana. Owners, City of Orange. Contractor, George Keuchel. Orange, general construction, \$36,771. American Heating Co., California Bldg., L. A., heating and ventilating, \$2,450.

SCHOOL—2 story and base, reinforced concrete, \$76,760. Seattle, Wash. City of Seattle. Contractor, J. W. Architect's name not given. Owners, Hoge Bldg., Seattle. Contract price, \$76,760.

PORTLAND AND OREGON.

LODGE HALL—2 story and base, brick. Cost not stated. Roseburg, Ore. Architect, Earl A. Roberts. Selling Bldg., Portland. Owners, Roseburg Elks' Hall Association. The building will be erected on a corner lot and will cover an area of 50x100 feet. The building will be arranged around an open court with stores on two sides. The court will be laid out in handsome gardens. Interior of the building will be arranged for lodge halls, banquet room and a number of sleeping rooms and suites. Interior finish will be of pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Considerable ornamental iron will be used. Tile will be used in all baths. Plans are being prepared.

CLUB HOUSE—2 story and base, frame. Cost not stated. Beaver Lake, Ore. Architect, D. L. Williams. Chamber of Commerce Bldg., Portland. Owners, Beaver Lake Club. The main floor will contain one large living room, kitchen and dining room. The main room will extend through the second floor, which will be more of a balcony effect, and will be arranged for sleeping rooms with private baths. Two large open fire places are to be installed on the first floor. Mantels will be of brick. There will be a hot water system of heating. The exterior will be covered with logs and shakes. Plans are being prepared.

SEATTLE AND WASHINGTON.

BRIDGE—Steel and concrete, \$10,000. Port Angeles, Wash. Engineer, J. M. Baird. White Bldg., Seattle. Owners, Clallam County. This structure will be erected over the Elwha River at Port Angeles. There will be concrete abutments and several steel spans. Plans are on file at the office of the engineer. Bids will be opened on March 10th.

LIBRARY—1 story and base, brick and stone, \$70,000. Seattle, Wash. Architect, W. Marbury Somers II. White Bldg., Seattle. Owners, City of Seattle.

stone to prepare plans for a one-story building of brick and stone, which will be erected at the corner of Yesler Way and 23rd avenue. Other than the fact that the building is to be faced with terra cotta and stone no details have been decided upon. Complete information will be given in these columns as the plans progress.

LIBRARY—1 story and base, brick and concrete, \$15,900. Port Townsend, Wash. Architects, C. Lewis Wilson & Co., Northern Bank Bldg., Seattle. Owners, City of Port Townsend. Plans for this building have been completed and figures were opened by City Clerk George Anderson at Port Townsend on March 1th. An award of contract will be made within a few days.

GARAGE—2 story and base, reinforced concrete, \$20,000. Seattle, Wash. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner, L. W. Roe. The building will be erected on 12th avenue, and will cover a ground area of 121x118 feet. The structure has been designed for a commercial garage. Construction will be practically fireproof with a cement floor on the first story, metal window sash and frames and some metal trim. There will be special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Plans are complete and a contract will be awarded within a few days.

Building Contracts.

STORES AND OFFICES—2 story and base, brick and concrete, \$15,000. Seattle, Wash. Architect, Charles Hayes, Melhorn Bldg., Seattle. Owners, John Asbling. City of Seattle. Contractor, S. G. Combs, 521 5th Ave., Seattle. Contract price, \$15,000.

RAILROAD CONSTRUCTION—\$7,000,000. Wyoming. Engineers, Engineering Dept. Burlington Route. Owners, Burlington R. R. Contractors Twelvey Bros., Portland. Contract price, \$7,000,000.

SCHOOL—2 story and base, reinforced concrete, \$77,474. Seattle, Wash. Architect's name not given. Owners, City of Seattle. Contractors, Manitation Co., Inc., Central Bldg., Seattle. Contract price, \$77,474.

STORE AND OFFICE REPAIRS—\$55,000. Seattle, Wash. Architects, Dehn & Mendell, Hight Bldg., Seattle. Owners, Denny Bldg. and Times Bldg. Contracts have just been awarded for the repair of fire damage to these two buildings. Contractor, Alexander Pearson, New York Bldg., secured both contracts, the work on the Times Bldg. amounting to \$20,000 and on the Denny Bldg. to \$25,000.

ANGER SIGNS FOR CONCRETE WORKERS.

Careful Selection and Proportioning of Materials, and Careful Engineering Calculation and Design, Must Be Supplemented by Thorough Field Inspection.

In the economic design of engineering works, it has been common to assume that masonry structures were permanent, that steel structures had a long life, and that timber structures had a relatively short life. That no definite statement can be made with reference to the durability of any structure unless all the conditions surrounding its design, construction, and use are known is made evident by the

wooden structures altogether too numerous, of engineering structures. A masonry dam on an insufficient foundation is not only not a permanent structure but gives an erroneous idea of safety. A timber pile dam built at much less cost might be much more permanent.

In the design of concrete structures, it has been the practice to assume for them a very long life; but that many of them, both plain and reinforced, are short-lived is becoming very evident. This is particularly true of concrete irrigation works. The ordinary life of timber construction when exposed to variations of moisture, as in flumes and similar works, is from 6 to 8 years, with a much longer life of individual structures under peculiar conditions. In recent irrigation works built by the Government and by individuals, reinforced concrete has been widely used. Some of it, it is certain, will not last as long as timber. This is not due to any inherent weakness in concrete, whether plain or reinforced, or in the theory of reinforced concrete, but to several things, of which the following are important: (1) The structures are often designed by men not familiar with local conditions and allowable soil pressures, resulting in a structure that settles unequally; and while unequal settlement of timber work is ordinarily of little importance, the unequal settlement of reinforced concrete flume may cause the destruction of the structure; (2) The ingredients of the concrete are not properly proportioned to make a dense, strong concrete, the proportions being commonly specified as 1:2:4, 1:2½:5, etc., without reference to the character of the sand and the coarse aggregate; (3) the field inspection is of a most perfunctory sort, no attempt being made to check up the work of the contractor by making control beams and test cubes. Where fine and coarse aggregate are found together, as in the case of gravel, it is not uncommon for the contractor to measure the fine and coarse aggregate together. With a nominal 1:2:4 concrete where there are 33-1/3 per cent voids in the fine and coarse aggregate when measured together, the one part of cement will be sufficient to fill only one-half of the voids in the aggregate. With the ordinary conditions of mixing and a wet mix, this will result in a weak, porous concrete which will disintegrate when it comes in contact with water. In a reinforced concrete flume which recently failed after brief service, it was found that while the sand and gravel each contained 35 per cent of voids, the mixture of 2½ parts of sand with 5 parts of gravel gave 7.3 parts, with approximately 33 per cent voids, giving 2.4 parts voids in the mixture. The cement paste in the concrete was only sufficient to fill approximately four-fifths of the voids in the aggregate. The concrete was porous and chalky, and fell apart when it came in contact with clear water. The failure of this structure is similar to that of most of those whose failure has been attributed to the action of alkali.

Field inspection is much more important in the construction of reinforced concrete than in timber or steel construction, for, in the latter, only the connections are made in the field, and defects in them are easily seen; while in the former the entire structure is fabricated in the field, and de-

fects are for the most part hidden.

The responsibilities involved in the use of reinforced concrete need to be more deeply appreciated. The work should include not only the calculation of the stresses and the design of the parts, but also the mixing and proportioning of the concrete and the placing of the steel. The principles of design and construction are too well known for engineers to charge unknown causes with the destruction of structures that have been badly designed and constructed.—Engineering Record.

GOVERNMENT ARCHITECTURE.

The federal architectural bureau is a part and parcel of the Treasury Department. And the head of this department is a successful business man who can analyze and dissect a proposition, cull out the facts and explain the situation in plain language, which is readily understood by all. In reference to the repeal of the "Tarsney Act," which provided for architectural competition for Government buildings, and which was repealed last August, Secretary McVeagh said:

The repeal of the Tarsney act was received with great regret by the Treasury Department and by great numbers of people who are especially interested in the care and fitness of Government buildings. Our Federal Government is the largest builder of buildings ever known in the world—and its building enterprises are to be far more important still, and the fact that it builds in every part of our great country gives it an unexampled influence upon the architectural art of the entire people. It cannot avoid affecting in a pronounced degree the architectural taste, knowledge and enjoyment of the nation. It cannot avoid affecting the growth of good architecture in all communities, for the effect and influence of our building operations are completely nationalized. The mere facts nationalize this influence. The Government, therefore, enjoys in its building operations a tremendous opportunity for good in the judgment of all who regard architecture as one of the important factors of the higher civilization. This opportunity is really unexampled.

Now the elimination from the service of the Government of the knowledge, gifts and inspirations of all architects except those confined within the treasury building reduces the architectural dimensions to those of a single architect's office, and limits us to the architectural control of one man; whereas such continual building as we do, such opportunities of influence upon all the building in the country as we have, such responsibilities to the architecture of the nation as we cannot relieve ourselves of, demand that the Government should have at its disposal every bit of architectural ability that the nation possesses.

To my mind it is absurd to believe that any single architectural office, whether a Government office or any other, ought to design every one of the large number of Government buildings turned out annually, when those buildings are all charged with a mission of architectural education to every part of the country. No supervising architect and no private firm ever existed to whom such a great

public duty could be properly committed.

The Treasury Department is doing excellent work. Under this administration the supervising architect's office has been revised. It has not only been economized largely, but both its efficiency and its architectural spirit have been distinctly confirmed and advanced. And whatever a Government architectural office ought to be expected to do it is competent to do. But, as I have said, no single architectural office, no single set of designers, ought ever to be charged with so great a work and so grave a responsibility as the entire building of the Government; and no architect's office, such as this or any other, should be thrown upon itself or should be taken out of constant association and competition with all the other successful architects and architectural offices.

The Government architect—like any other successful architect—needs the touch of all the great architectural activity of the country, and to be in constant relation with all the architectural thoughts and gifts of the country. Nor is there any question of expense that need stand in the way. It can easily be arranged, and if the department had been permitted, it would have arranged so that it would not have cost the Government any more to have certain of its buildings designed with the broad aid of the architectural world. This could have been accomplished, notwithstanding the fact that under the improvements we have inaugurated the cost of the work of the Government's own office has been reduced. I hope, therefore, that the Congress will reconsider its action of the last session and restore to the Government the privilege of employing the architects of the country, in at least the comparatively few instances where it was the practice to employ them.—American Contractor.

HARD FINISH FOR SOFT WOOD.

Those of our readers who are called upon to give a hard and smooth finish to soft wood are likely to be interested in a suggestion published in a late issue of the Woodworker Art Craftsman, and tending as follows:

"When only a thin surface is required, a few coats of zinc will make the surface of wood almost as hard as zinc itself. The coating will be a very thin one, and it will yield to light blows, on account of the very soft wood underneath the coating of zinc. To give wood a thick and very hard surface, cover it with a paste made up of: Putty powder, 1 pound; powdered oxalic acid, one-fourth pound; and powdered gum, 1 ounce. Use just enough water to make the paste stiff, then spread upon the wood surface, and place aside to harden. If any trouble is experienced in making the coating adhere to the surface of the wood, give the surface a coating of thin glue, or mix a small amount with the ingredients while making the paste. The coated surface should be allowed to remain undisturbed for several days, until the paste has hardened to a degree which will stand any usage it is likely to get.

Cracks in Plaster.

Even the best workmanship and materials are not always a guarantee against cracks in a new plaster ceiling.

ing Settlement of foundations and shrinkage of joists are two insuperable causes. Where only superficial cracks result, they may be easily filled with plaster of paris, which will make them impossible to detect under subsequently applied decoration or painting. But, if the cracks are wide and numerous, filling them is apt to give a patchy ceiling, and is, besides, a tedious task. A better remedy is to stretch cheesecloth over the entire ceiling, pasting it in the same manner as paper is applied. Owing to the accommodating elasticity of the cloth, no existing and future cracks are opened, and the material has besides an interesting texture, which asserts itself through the painting, where that sort of decoration is used. If the walls of the room have a frieze and fluted mold, the cloth can be carried over the sides, and its edges hidden under the mold. Where a very rough texture is desired, a heavier cloth can be substituted.

However, because a remedy has been found, one should not be careless about the cause of ceiling cracks. It should be in mind when the frame of the house is put up, and guarded against, as far as possible, by using timbers and studding in such a way as to reduce shrinkage to a minimum. By this is meant reducing the horizontal wood. Ordinary pine or spruce will shrink about a half inch over the foot across the grain; therefore, as little as possible should be used in this position. The shrinkage of wood over time is almost imperceptible. A well-framed house with studs running from sill to roof and with ledger boards notched in to the studs, would require only the floor beams on the horizontal. A poorly framed house, such as contractor builders usually put up, would have short lengths of studs to end at each floor, with two inches of joists to carry the floor beams. All about twelve inches of horizontal timber, with a shrinkage of half an inch. This in the whole height of the house might run into several inches and no end of ceiling cracks. This careful framing up is one of the differences between an architect's house and a builder's.—Home Beautiful.

San Jose Gets Next Contractors' Convention.

Second Annual Convention of the Specialty Contractors Concludes with Big Banquet.

The business of the Second Annual Convention of the Contractors' and Specialty Association was concluded at seven o'clock Friday night.

The Constitution and By-Laws were revised and the name was changed to the Specialty Contractors' Protective Association of California.

Under the terms of the new Constitution material men, unless engaged so in a specialty contracting business, will not be eligible to membership.

The legislative committee recommended that as the present lien law is satisfactory and has afforded adequate

protection to the owner, mechanic, contractor and material man, and has done much to put the building business on an honest basis, that all amendments to the present law by the legislature be resisted. Also that Senate Bill No. 905, by Boynton, pertaining to workmen's compensation, be endorsed, and that a slight reduction of the compensation rates as provided in the bill might be advocated.

Also that Senate Bill No. 159, by Finn, relating to the licensing of Master Plumbers; also Assembly Bill No. 738, by Scott, regulating the licensing of electrical contractors be endorsed and that the Association go on record as favoring the licensing of all building contractors.

The recommendations of the committee were unanimously adopted. Ex-State Secretary Frank Smith, who was instrumental in organizing the Association, declined to be a candidate for reelection. He was given a vote of thanks for his faithful and efficient service and he was made an honorary member of the State Association.

The following officers were elected to serve for the ensuing year:

President, J. E. Steere, San Francisco; Vice-President, D. W. Stoville, Sacramento; Secretary, W. S. Scott, San Francisco; Treasurer, W. S. Hanbridge, San Francisco; Sergeant-at-arms, Peter Hansen, San Francisco.

Executive Board—Chairman, H. C. Maddox, Sacramento; J. C. Stagg, San Jose; A. G. Labhard, Sacramento; H. B. Lynch, San Francisco; Thomas Guilfoxy, San Francisco; W. C. Beck, San Francisco.

Second Vice-Presidents: San Francisco, H. J. Hughes; San Jose, to be selected; Sacramento, C. Butler; Stockton, C. Potten.

Attorneys—Munday & Williams.

San Jose was the unanimous choice of the delegates as the place to hold the next State Convention in February, 1914.

Saturday afternoon the visitors were taken for an auto ride to the World's Fair Grounds and from there through the Presidio Reservation and Golden Gate Park and out along the Ocean Beach to the Ingleside House, where refreshments were served.

Saturday night the three days' convention terminated with a very pleasing banquet at the Cosmos Cafe.

Frank J. Klimm presided as toast master and with his usual good nature and aptness in introducing the various speakers succeeded in making the affair a great success. Following well known specialty contractors responded to toasts: Thos. W. Butcher, J. E. Steere, P. F. Bradhoff, Secretary of the Builders' Exchange, Oakland; Wm. Makin, Leroy De Luchi, Tim Seetan, H. Scheele, all of Oakland; H. C. Maddox, Sacramento; T. E. McShane, Sacramento; A. G. Labhard, Sacramento; W. T. Beck, H. J. Hughes, Chalmers Munday and E. A. Williams, Attorneys of the Association, and W. S. Scott.

The past year has been very successful and the enthusiasm of the large number of delegates to the convention just closed portends a prosperous future.

ABANDONMENT OF HOMESTEADS.

Feb. 26, 1913 N ATLANTIC 180-7½

W Pine W 45N 100-7¼, Okd. Ives

and Julia A Scoville.....

Feb. 26, 1913—LOT 10 BLK "G" Map

Northbrae Terrace, Bkly. Hazel
May and Wm G Johnston.....

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file number]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10433. **Farming implements, tools, machinery, etc.**—An American consul reports that the plans now being prepared by a foreign Government to make a loan through land owners for the execution of large irrigation works will benefit many American interests. The consul believes that conditions will soon favor the establishment of a big general store to handle all sorts of things used by farmers and ranchmen, making a specialty of farming implements, tools, vehicles, hardware, and mining machinery. A considerable stock would have to be carried in order to handle the trade, which would come from an immense and very rich territory that is developing in agriculture and mining, as well as being one of the principal stockgrowing regions of the country.

No. 10434. **Autotrucks, traction engines, plows, etc.**—A report from an American consul states that the price of gas oil (semicrude oil) has declined about 50 per cent in his district, and if present intentions are carried out, a good opportunity will be offered for the sale of autotrucks capable of use on bad roads, and of traction engines, plows, etc. Miners will use pumps worked by motors, and agriculturists are asking for information as to motor plows, corn shellers, harrows, etc. Several firms are mentioned as being interested in these lines, and their names, together with the language to be used in addressing them, can be obtained from the Bureau of Foreign and Domestic Commerce.

No. 10435. **Medium-priced automobiles.**—The proprietor of a garage in a South African city informs an American consulate that he wishes to obtain the agency for a medium-priced American car. The machine must be able to retail in South Africa at \$1000 to \$1500 for touring cars. Light cars, high clearance, and low petrol consumption desired. Transactions will be conducted on a cash basis.

No. 10439. **Turpentine.**—An American consul in Canada reports that he has been requested by a local firm of wholesale hardware dealers to obtain from dealers in the United States prices of turpentine delivered in the city in which the Canadian firm is located, free of all charges.

No. 10440. **Automobiles.**—A report from an American consul in Germany states that an experienced automobile dealer in his district wishes to secure the agency for a reliable car worth \$1200 to \$1500, with all modern appliances. He will purchase one car for demonstration and requires that the firm supplying him with machines shall keep one or more cars in bond in some customhouse in Germany, ready for delivery when sold. He also wishes to purchase cars and motors ready for the touman, which he desires to have

built in that country to suit the German taste. Persons desiring to enter into sales agreements with him should send full details as to sizes, prices, etc. He prefers correspondence in German, if possible.

No. 10411. White and red lead.—A European business firm informs an American consulate that it would like to have quotations on white and red lead from some firm in the United States.

No. 10380. Steel tubing and appliances for petroleum pipe line.—An American consular officer in a European country has cabled the name of a firm that desires bids on steel tubing of various dimensions and other appliances for a petroleum pipe line. It is said the undertaking may involve a large sum.

No. 10388. Butted and welded bedstead tubing.—A foreign manufacturing company has requested an American consul to place it in communication with manufacturers of butted and welded bedstead tubing. This company now buys annually large quantities of tubing direct from the United States, but its business is increasing and purchases will be made from the best bidders. This firm claims to be the largest manufacturer of iron and brass bedsteads in the country, and can not fill its orders at the present time. Financial references are furnished, and interested American concerns should write for further specifications and particulars.

No. 10389. Kitchen utensils and household novelties.—A report from an American consular officer states that a business firm in a Mediterranean country desires to be placed in communication with American manufacturers of kitchen utensils and household novelties, with a view of purchasing direct, or of securing the local agency. References can be furnished, and correspondence may be in English.

No. 10390. Machinery and tools of various kinds.—An American consul in a European country reports that there appears to be a first class opportunity for American manufacturers so desiring to make connections for the sale of their products in the country in which he is located. In an interview with a local business man, who has important connections throughout the country, he was requested to secure illustrated catalogues and other descriptive matter relating to the following lines: Woodworking and metal machinery, such as lathes, drilling, milling, and thread-cutting machinery, planing machines, circular and other saws and accessories, tools of every description for wood and metal workers, including carpenter, plumbers, blacksmiths, etc. Copy of the complete report, giving further details regarding language to be used, etc., can be obtained from the Bureau of Foreign and Domestic Commerce.

No. 10393. Glass, steel, iron, and bronze materials.—An American consular officer reports that a firm of general merchants and importers in a Canadian city is anxious to receive communications from American manufacturers of and dealers in the following lines: Wired plain glass, exterior and interior ornamental steel, iron, and bronze materials for buildings. Bank references are furnished.

No. 10423. Automobiles and accessories.—An American consular officer in a Latin American country reports that a company in his district recently



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Edward R. Bacon is positively not connected with any other firm.

bought 50 automobiles of European manufacture, and is contemplating purchasing more. The company has asked to be put in communication with American manufacturers not only of automobiles but also of accessories and fixtures for the same. Correspondence and literature should be in Spanish.

No. 10425. Office furniture and supplies.—A report from an American consul states that a firm in his district has recently gone into the business of handling modern office appliances and has requested him to have American manufacturers forward catalogues of all kinds of modern office furniture, such as desks, chairs, wood and steel filing cases, sectional book cases, and any modern office supplies. If possible correspondence should be in French.

No. 10427. American goods for Australia.—A manufacturers' representative in Australia has applied to an American consulate to be put in communication with manufacturers of general lines of merchandise seeking a market in that country.

No. 10429. Petroleum incandescent lamps.—The Bureau of Foreign and Domestic Commerce is in receipt of a communication from a commercial organization calling attention to the fact that a great many petroleum incandescent lamps are sold by foreign countries in the Near East. The letter states that there is a splendid opportunity to introduce American lamps of this type, and a local business firm, whose name is given, desires to be placed in communication with one of more manufacturers of such lamps, with a view of acting as their agents in that country.

No. 10430. Steel pipe.—The American consulate general at Vancouver, Bri-

tish Columbia, Canada, has forwarded a newspaper clipping calling for tenders for the supply of steel pipe for the municipality of Burnaby, British Columbia. These supplies include about 15 miles of steel pipe, varying about meter from 3 to 10 inches. Tenders will be received until March 3. Particulars may be obtained at the office of the engineers, Cleveland & Cameron, 1001 Rogers Building, Edmonds, from whom specifications, schedule of quantities, etc., can also be procured.

No. 10431. Machinery for making tinware, etc.—A civil engineer in Russia has informed an American consulate that he desires to get in touch with American factories manufacturing machines for tinware, etc., as well as with electrotechnical factories, as he wishes to become an agent for these lines in Russia.

DESTRUCTION CAUSED BY FOREST FIRES.

SACRAMENTO, February 25.—An area of 375,294 acres in California suffered from forest fires during the biennial period which ended June 30, 1912, according to the two-year report of State Forester G. M. Homans, just issued. Of this total area 282,284 acres were burned over in 1911 and 92,920 acres in 1912. Estimates of the actual damage are not yet complete, but the State Forester's figure shows a loss accounted for of \$146,881. Of the causes of fire, 126 in 1911 were of incendiary origin. Campers contributed to 109 fires in the two-year period and lightning was responsible for 317. Railroads started 27 and smokers 16. Fires starting from unknown origin numbered 272.

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Thirteenth Year, No. 10.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

Successor to:

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Industrial News of Alameda Co.

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TUESDAY, MARCH 11, 1913.

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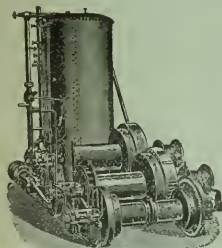
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Editorial Comment.

Building construction during the past month has gone ahead with about the usual pace compared with preceding years. Figures for February show permits to have been let and contracts to have been filed for \$1,979,043 for private construction, \$121,921 for Exposition work, \$179,447 for city contracts and \$456,400 for construction work by the State Board of Harbor Commissioners, making in all a grand total of \$2,736,813 for the month.

Of the private building contracts and permits \$946,242 was for brick and fire-proof construction, \$812,853 for frame buildings and \$219,948 was classed under the head of alterations and additions.

Comparing this total with the figures of former years we have the following table:

February, 1904	\$ 981,125
February, 1905	1,200,880
February, 1906	1,791,858
February, 1907	4,355,513
February, 1908	2,662,143
February, 1909	2,871,495
February, 1910	2,066,034
February, 1911	1,568,680
February, 1912	1,696,232
February, 1913	1,979,043

It will thus be seen that on private construction work alone the month shown a substantial increase over the same month last year and the two preceding years as well as showing a natural growth with increase of population. It also registers an increase in the amount of private construction over January of this year. On the whole the month has been normal and very near the two million mark outside of city work, government construction or state improvements.

Northwestern Canada has experienced unexampled progress in the last few years. Reports in the press indicate that the exploitation of real estate in that country has surpassed almost anything in the history of the country. And along with this movement in property has been an unexampled development of transportation and in building of railroad lines. During the ten months which ended with October 31st, 1912, a total of 695 miles of railroad were constructed in the province of Alberta alone. The ENGINEER calls attention to the fact that since 1909 there has been an activity in railroad construction in Canada without precedent in the history of the North American continent. During the year 1912 the Canadian Northern Railway built 463 miles of new line in the province and the Grand Trunk Pacific increased its mileage from 384 to 619 miles.

Reports state that a new slide has commenced at the Culebra cut in the Panama canal, the largest that has yet taken place. Indications are that about 3 million cubic yards are in motion and that it will take till the late autumn to remove the material. At that time the water is to be turned into the canal and this, it is expected, will help to the earth in place by exerting counter pressure to a considerable degree. At the same time the two big dredgers that are now building will be on their way to the Isthmus and their combined capacity is over one million cubic yards per month. With these in operation it is confidently expected that the cut will easily be kept open when once the water is turned in.

A remark of Bryan when addressing the members of the office of the Secretary of State relative to tenure of office seems to have occasioned a good deal of gossip in political circles. It was a natural remark to make by the executive head of an office where the great majority of undersecretaries are more or less under civil service. The reporters seem to have imagined that the remark related to his own tenure of office and have given it a mysterious significance. Both Bryan and Wilson have been men with ideas which they wish to carry out and political jobs are only an incident to their career. It is evident that many job chasers are doomed to disappointment as neither of them have ever built up a machine or in any probability expect to. And Marse Henry Watterson and William Randolph Hearst are likely to be the most disappointed of all.

The report made by the Bureau of Building Inspection of the City and County of San Francisco show a total of building construction for the period from May, 1906 to February 28, 1913, of \$217,497,293. Under the present system of issuing permits wherein the owner usually understates the cost of construction these figures are well within the limits, and if the actual cost were given these figures would be naturally increased. The classified list and number of permits issued between May, 1906 and March 1, 1913, is as follows:

Class "A"	149	\$29,292,661
Class "B"	180	13,444,221
Class "C"	2437	72,995,912
Frames	22314	85,982,780
Alterations	18479	15,781,659

Total

43559 \$217,497,293
Considering the fact that the period covered is about six years and nine months the yearly average is over \$1 million as it stands. Had city work been added these figures would be materially increased not to mention the fact that most buildings are usually undervalued in the permit.

A number of segregated contracts were filed last Saturday for the construction of an annex by the Stewart Hotel Company. To all of them there was appended the following stipulation:

**NOTICE TO SUB-CONTRACTORS,
LABORERS AND MATERIAL
MEN.**

This contract is entered into upon the express condition that there shall be no liens on said building or on the property on which same is to be erected, and all sub-contractors, laborers and material men are hereby notified that if they perform labor or furnish material in or for the erection or construction of said building, or make contracts in relation thereto, they must do so on the personal responsibility of the person or parties contracting with them, and without relying on any lien against said building or the property on which the same is erected, and the performance of any work or the furnishing of any material to the contractor for said building, or to any sub-contractor therefor, or the making of any sub-contract in respect thereto, is to be deemed an assent to the foregoing condition. Evidently the owner is attempting to stipulate a waiver of lien rights on the part of material men and sub-contractors but the notice is in a form that does not express waiver in very clear terms and evidently is intended to contract away the rights of third parties which cannot be done in any case.

Section 1201 of the Code of Civil Procedure, otherwise known as the Lien Law reads as follows: Sec. 1201. It shall not be competent for the owner and contractor, or either of them, by any term of their contract, or otherwise, to waive, affect, or impair the claims and liens of other persons whether with or without notice, except by their written consent, and any term of the contract to that effect shall be null and void.

So that so far as it attempts to bind third parties is not worth the paper it is written on. The only way any one can waive his lien rights under the law is by his written consent and this attempt at notice and stipulations between persons who do not sign the contract is of no value and effect whatever.

Secretary Fisher has seen fit to refuse the permit of the city to the waters of Hetch-Hetchy valley, stating as his ground of refusal that so important a natural curiosity should not be radically changed without an express action of congress. It amounts to about the same thing as the contention of the nature lovers.

It is presumed that Mr. Fisher is sincere in his opinion. If so he must have arrived at this conclusion only recently and not have given the subject any particular thought before.

For if he had why did he have the city report on every other available source of supply and go to the expense of procuring statistics on relative costs. If he knew about the situation in the first instance why this interminable delay and then side tracking the issue?

However, in Franklin K. Lane the incoming administration will have a man who has the courage of his con-

victions. Then probably somewhere about the year 1930 we will get a water supply. After the present holders of the stock of the Spring Valley Water Company have passed into the great beyond.

Woodrow Wilson comes to the head of the Nation's government at a time when there is a period of great change. Revolution and agitation in government have been marked during the past five years. There is a change of relation. The old order is changing, bringing forth the new and in this period of change there are grave responsibilities. Mr. Wilson comes to the presidency under fortuitous circumstances. His life and work have been amongst idealistic surroundings. He has a most comprehensive knowledge of the history of his own country. He is himself an authority on almost any phase of its existence. He is under obligation to no man or set of men, unless it be William Jennings Bryan, and Bryan himself is peculiarly free from any outside influence and control. Bryan is one man whom the interests have never bought or intimidated, who has maintained the tenor of his way through a long political career and has consistently stood for the people.

The selection of his cabinet seems to indicate a wise choice on the part of the President. They are men of integrity and ability so far as the public knows. And they will no doubt be competent advisers to their chief in the many problems that will confront him. Mr. Wilson comes from the position of College President to President of the United States. Here's hoping he will be able to work out some of his ideals of government and leave us a better government than he received. In this he will receive the support of all good citizens whatever their party affiliations.

The Inaugural Address of President Wilson is a masterpiece in its way and appeals to the people with the directness of language of President Lincoln. It announces in general terms the policy which the people may expect him to follow. His message to Congress will be expected to embody the specific reforms he intends to accomplish and state the specific promises to which he will pledge himself. So far the new President has set a high standard and all good men should rally to his support. His appeal to the patriotism of every lover of his country should touch everyone with the loftiness of purpose and the high aim it embodies. Its closing sentences remind one of Lincoln's Inaugural address:

"This is not a day of triumph; it is a day of dedication. Here must not the forces of party, but the forces of humanity. Men's hearts will upon us; men's lives hang in the balance; men's hopes call upon us to say what we will do. Who shall live up to the great trust? Who dares fail to try?"

I summon all honest men, all patriotic, all forward-looking men, to my side. God helping me, I will not fail them, if they will but counsel and sustain me!"

As long as Woodrow Wilson lives up to the high aim expressed in this foreword he will have the support of all good men whether they belong to his party or fought against him in the

political campaign. It is an appeal to the courage, loyalty and patriotism of the country which knows no party line or political affiliations.

Auditor Boyle has held up the demand of Bion J. Arnold for the month of January amounting to \$2,662.04 for want of authority to pay. What benefit the city has derived from this highly paid expert is hard to tell. All we have received, so far as the public is able to judge, is some recommendations that anybody could make and some proposed charter amendments of very doubtful value and very ambiguous phraseology.

And the United Railroads have state that they would make no more extensions. That if the city is going into the railroad business private capital will have to go out of business.

If the city goes into the street railway business it is certain that private capital, as conducted by the United Railroads, will have to go out of business. For about two-thirds of its capital is simply paper and represents no investment whatever. And the United Railroads will not produce the books for the Railroad Commission, will not try to accommodate the exposition or do anything else unless the people give it valuable concessions. It is about time that the city take a hand in the matter and reduce fares. By doing the city can build its own line and the people can pay two fares and get off as cheaply as they do now and be independent of this arrogant and bulldozing monopoly.

**HEARST THE ONLY MAN PROPER
TO FILL THE BILL.**

"We Need Another Lincoln to Free our Slaves," shriek the Hearst organs in unison. And they ask:

Where shall we find the man to free the slaves of today, not black men but grown, but white children, who are cheated of life before life has really begun? What man, what party will millions of men behind it, will do for white children what Lincoln did for black men?

We twig, Bill, we twig.
Also and likewise we'll bite, just if the fun of it.

Here we go, Bill:
MR. CHAIRMAN—In the name of the little children doomed to hear aching toll; in the name of stout bearded men, bearing the burdens of a slavery worse than chattel; in the name of worn and weary and weeping women, "like Niobe, all tears; in the name of Manhood under the lash; in the name of Womanhood driven to sin; in the name of Child hood brutalized over by the Slave Legrees of Capital; in the name of the Nizarene who declared little children to be of the Kingdom of Heaven—The nominees for the vacant seat of martyred Lincoln that Capsule of Genius, that Tabloid of Sincerity, that Epitome of Humility—at once to Jeremiah to Capital and the Paul, Labor—alike the Eiffel Tower of Devotion to Humanity and the shriveling Violet of Modesty—the Honorable William Randolph Hearst of California, New York, Illinois, Massachusetts, London, Long, loud and continuing applause, the audience rising to applause in singing, "Lead, Kind Light"—Sacramento Bee.

Comparison Of European And American Building Construction.

Paper Read Before the Canton, (O.) Builders' Exchange.

By Edmond Hermann, Architect, Canton, Ohio.

Holocausts, on the one hand, like the Chicago fire, the Collinwood disaster and the New York conflagration where 140 girls lost their lives, and, on the other hand, collapsing of buildings still under construction, which we can observe in regular turn, are arousing the public conscience, and the time will arrive when a thorough house-cleaning among some of our most cherished and moss-covered institutions and traditions will and must be started.

In reading of all these accidents the thinking man will look for a comparison, and nothing will be nearer than to compare our state of affairs with those in foreign countries, and, in doing so, we find that all the odds are on our side. Our statistics tell us a gawsonic story, laying bare how we sacrifice yearly enormous fortunes through astonishing ignorance or punishable frivolity, and, on the other hand, show us that in enforcing laws to prevent accidents and providing well stringent measures for the safety of their citizens the respective governments of the European nations must be looked at as wise heads of their families.

To find out what methods are used to obtain the desired results I will try to show you the practice and advantages of these methods. Voluminous building laws and ordinances regulate every phase of building construction, whether intended for new buildings or remodeling and alterations. They must be carried out to the letter, and to do this every government is keeping a staff of well trained men whose lives are devoted to the services of their respective departments, and these men also have the power to bring those violating the laws before the court, where they are prosecuted to the full extent of the law, regardless of their social standing. Before we will be able to obtain the same results in this country we will have to change the policies entirely which we are following at present.

As it is our daily experience that in enforcing our very few building laws we hear too much opposition to this, which very often is called "paternalism," and we also learn about "individual rights," etc., but if the authorities had always listened to those howls we would not have gone forward one step in our civilization.

To cite just one instance: You would not have, without legislation, one sidewalk on a straight level in your city, but you would have to walk over planks, bricks, tiles, cinders, etc., up and down steps, with greatest dangers to your body. Applying to these cases, where the whole community, the entire population, is interested, the old phrase, "liberty and rights," referring to some individuals, is only nonsense.

Fortunately, this idea is rapidly altering and we can see a new era, where the government will protect the people against dangers of all kinds, hidden in poorly constructed buildings, by enforcing laws rigidly.

The two main periods through which buildings have to go to a successful end are, first: Their "planning and designing," and, second, their "construction and erection." These two distinct divisions are the same all over the world, but the carrying out of their meaning and purpose is so different from each other in this country and Europe that it pays well to compare them.

Our first operation, the "planning and designing," is done by the owner with the assistance of a professional adviser. The owner describes in general to his adviser a more or less rough image of the future structure and leaves it to him to work out plans and specifications, according to which the "construction and erection" cannot be done well without having the "Planning and designing" brought to a successful end. It is of the utmost importance that the owner select a skillful adviser. This adviser, which we might call "architect" or "builder," is supposed to understand not only the construction of buildings, but ought to be conversant with the laws of states, have knowledge of all the material used in every building to the minutest detail, have a true understanding of the different arts and crafts, and last, but not least, he must be trained to harmonize beauty with utility.

All this knowledge is absolutely necessary to the adviser to give the owner the proper service. Why is it then, that when the adviser is equipped with all the aforementioned knowledge that we do not get the correct results?

The architects of other nations have to go through a severe training to call themselves architects. If anyone else would undertake to call himself an architect without having the required knowledge he would be liable to prosecution. In our country an architect is in many cases simply an amateur that has nerve enough to stand up before the people and take advantage of their ignorance and give them services for just a nominal fee that leads the owner into all kinds of trouble, with the final result that the construction of a building is only a makeshift of what it really ought to be.

The two great institutes of American architects, recognizing these facts, are endeavoring to secure laws which will require every architect to have a license, just the same as licenses are required for doctors, druggists, etc. This only will do away with dilettantism.

Under "Planning of Buildings" we furthermore have to consider the laws which are made to have the buildings constructed according to certain rules and regulations. These rules embody our experience which we have gained by former accidents and which are preventive measures.

Our second operation, "The construction and erection," is just the same as transferring theory into practice. The plans are turned over to the building contractor with the intention to have him carry out the ideas as laid down

on paper. In very few cities of our country plans must be submitted to some building department for approval. In Ohio the state requires all plans which comprise the construction of theatres, assembly halls, churches, school buildings, club and lodge buildings, to be approved by the state department, and some of the larger cities, as Columbus, Toledo, etc., require the submittance to the city building department.

In smaller cities there are no authorities to look after this matter, and the submittance for approval, as we, for instance, have in our city, is nothing more than a joke. In Germany every plan, whether it is a new building or a small addition to any dwelling house, or even a stable, must be submitted for approval to the authority as our counties. In every county a learned architect is standing at the head of a department. This architect is called district inspector. To him cities, the nation is divided into inspection districts of about the same

every owner has to submit plans in duplicate. These plans must show the details of construction and must be accompanied by a plain but extensive description of the construction, showing for what purpose every room and every space will be used, what loads are intended to be placed, what safety factors are used for computing the different members supporting those loads, and the fee paid to the county treasurer is figured according to the class of construction and also according to the cubic contents.

The district inspector will only approve those plans which comply with the requirements of the laws. But it is not sufficient to have plans approved by the state department; it is just as essential to have trustworthy persons look after the erection and to find out whether the owner is constructing the building according to his approved plans. This again is done by members of the same inspection department, and there are two ways to do this. There are many ordinances in every city which govern the safety of the men employed by the contractors and protecting the people from injury they might receive by entering buildings under construction or passing by them on the streets. To have these ordinances properly enforced the police in general will look after and inspect every building under construction at short intervals. To get acquainted with these ordinances the police lieutenants gather their men every morning to read new ordinances and explain the meaning of old ones, so that the men might get acquainted in a short time with the requirements which the laws provide for those purposes.

The second supervision is done by a special commission of which the district architect is the head and which furthermore consists of three more practical builders appointed by the state authorities. This commission visits every building twice during its

construction, the first time after the building is made watertight; that is, after it is covered with a roof, but not plastered, so that the members of the building commission can see the rough construction and check every detail of the carrying members. After this visit the building dare not be touched for six consecutive weeks, except for work which must be done by plumbers and steamfitters. This period of six weeks is very essential to a healthy and dry building, when you consider that all the buildings used for occupancy of people must be of slow burning or fireproof construction, and when you consider the time it takes to dry out a brick building, as it has no wall less than thirteen inches and the joists of which are never less than 6x8 inches, with the open spaces between filled with incombustible material, you will clearly see the reason for giving the building such a long time to dry out.

The final inspection is made when the owner applies for "receipt of acceptance," that is, when it is ready for occupancy. The same commission which visited the building the first time concludes its inspection with this last visit and certifies the owner the acceptance, which means that he can rent the building. No part of any building can be occupied before this commission has made its final inspection. The fee, which is paid by taking out the building permit, is used for paying the expenses of this aforementioned building commission. You, perhaps, think that this way of constructing buildings is connected with a lot of red tape, but when you compare the results which must be obtained by complying with rigid building laws and ordinances and see in what a despicable way too many of our buildings are thrown together, regardless of any appearance and safety, you will admit that the slow and safe way of Germany is far more superior to that of ours.

The material used in the construction of buildings in Germany is the same as the material which we use here. The main difference is that the work is done in a more substantial way, and that it is the endeavor of every owner and builder to build houses that last and will pay better interest in the long run, instead of trying to break records every time a new structure is to be erected.

In large cities the height of buildings is limited in proportion to the width of the street, and so it is that long streets show you all the buildings of the same height, which we call sky-line. This sky-line would be monotonous to look at, but the roofs are constructed under all kinds of angles and are ornamented with dormers, towers, etc., and so relieve the monotony of this sky-line. The main cornice of every house, when it is constructed of wood, must be protected with metal about five feet away from the adjoining building on either side to prevent the spreading of fire over to the neighbor's cornice. Every roof must be provided with plank gables for inspection of the chimneys, which are regularly cleaned by licensed chimney sweepers, as all the ovens, stoves, kitchen ranges, etc., are heated by coal or wood, which necessitates a cleaning out of the chimney flues to avoid clogging up.

The number and size of windows is regulated in proportion to the depth of each room. Wings adjoining front buildings must be closed by fire walls extending two feet above the roof and having iron doors to connect the different stories. All the openings along the neighbor's lot must be closed with solid glass, brick or wire glass, and no window of any kind is permitted.

Firms desiring news on special classes of buildings, such as Hotels, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$30,000. Architects, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Anna C. Brownlee. This building has been mentioned in these columns a number of times before. Plans are now complete and figures are being taken. The building is designed to contain a number of two and three room suites with wall beds and private bath rooms. Interiors will be handsomely finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. A central heating system will be installed. Hot and cold running water will be supplied to all rooms. The exterior of the building will be covered with cement plaster on metal lath.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architects, Joseph Cahen, 45 Kearny St., S. F. Owners, James and Mary Ward. The building will be erected at the southeast corner of Clay and Taylor streets. There will be stores on the first floor and a number of two and three room suites on the upper two floors. Interior finish will be of pine and redwood with some hardwood floors. All suites will have connecting baths and wall beds. A central heating system and hot water plant will be installed. Bath rooms will have tile wainscot. The exterior of the building will be covered with shiplap. Plans for this work are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$13,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. The building will cover an area of 37½x94 feet and will contain apartments arranged in suites of two and three rooms each. There will be a central heating system and hot water plant. All suites will have private baths and wall beds. Interiors will be finished in pine and redwood. Some oak floors will be used. Tile will be used in the bath room and kitchens. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, reinforced concrete, \$16,000. Architect, C. Pantoul, 916 Kearny St., S. F. Owner's name withheld. The building will contain a number of two room suites with private baths. Interior finish will be of pine throughout. Bath rooms and kitchens will have tile wainscot.

This gives in general some idea of the difference between European building construction and supervision in our country, and it is hoped that it will not be long before municipal and government laws in our state will control the erection of our buildings, whether public or private, along the same line.

There will be a hot water plant installed. Exterior of the building will be faced with cement plaster. Only preliminary plans have been prepared and working drawings will be completed as rapidly as possible.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction, \$75,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the south line of Bush street near Mason, and will have a frontage of 50 feet and a depth of 137½ feet. The interior will be arranged for a number of two and three room suites, all of which will have connecting baths and wall beds. Plans include a steam heating plant, elevator service, vacuum cleaning system and hot water plant. Interior will be finished in pine and hardwoods. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$20,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Herman Hogrefe. The building will be erected at the northeast corner of Union and Van Ness avenue, and will cover an area of 30x90 feet. Stores will occupy the first floor. Upper two floors will be arranged for eleven apartments of two and three rooms each. All suites will have wall beds and private bath rooms. Interior will be finished in pine and elm veneer. Tile and marble will be used in the bath rooms and entrance lobby. There will be a central heating system and hot water plant. The exterior of the building will be covered with shiplap and special run rustic. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$9,000. Architect, none. Owner, E. A. Schmidt, 1077 16th St., Oakland. The building has been designed to contain 33 rooms which will be arranged in two-room apartments with wall beds and private baths. All interior finish will be of pine or redwood. Some oak floors will be used. Bath rooms will have tile wainscot. Gas grates will probably be used. Mantels will be of tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Archi-

lect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, W. B. Vickers. This building will contain eight suites of two and three rooms each. There will be wall beds and private bath rooms. Interior will be finished in pine and redwood. Some tile will be used in the baths. A central heating system and hot water heater will be installed. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are under advisement.

PORTLAND, ORE.—Apartment house, 6 story and base, reinforced concrete, \$220,000. Architects, Johnson & Mayer, Selling Bldg., Portland. Owner, Charles H. Lehman, Yeon Bldg., Portland. This building will occupy a corner site and will cover an area of 135x100 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof. Interior partitions will be of tile or metal lath and plaster. Interior will be arranged for 51 apartments of from four to six rooms each. All suites will have private baths and wall beds. Interior will be finished in pine and hardwoods, the bath rooms in tile and composition. Plans provide for steam heat, elevator service, hot water system, vacuum cleaning and dumb waiters. Besides the suites there will be a large lobby, amusement room and social hall. All suites will have outside sleeping porches. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, E. R. Jeffery, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. The building is to occupy a corner site and will contain 90 rooms, arranged in two and three room suites with private baths and wall beds. Interior will be finished in pine with some hardwood floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. The work has been mentioned here before. Plans are now complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architects, Home Seekers Building Corp., Higgins Bldg., L. A. Owner, Mrs. P. G. Tompkins. The building will cover an area of 42x130 feet and will contain 80 rooms arranged in two and three room suites with private baths and wall beds. There will be steam heat and elevator service. Interior finish will be of pine with some hardwood floors and oak veneer. Bath rooms will have tile wainscot and composition floors. A vacuum cleaning system and hot water plant will be installed. The exterior of the building will be faced with pressed brick. Plans for the work are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, F. Lane. The building will cover an area of 46x125 feet. The interior has been planned for 75 rooms, arranged in suites of two and three rooms each. All apartments will have connecting baths and wall beds. Steam heat, a hot and cold water supply system, elevators and a vacuum cleaning system are specified in the mechanical

equipment. Interior finish will be of pine and redwood with some oak floors. Baths will have composition floors and tile wainscot. Metal window frames and sash are specified. The exterior of the building will be faced with pressed brick. Entrance will be finished in marble and tile. Plans are being prepared.

Contracts Awarded

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architects, Cunningham & Pollard, First National Bank Bldg., S. F. Owner, D. Dwyer, Contractor W. A. Savage (at the site) 41st and Piedmont avenue, Oakland. This contract has been taken on a percentage basis.

LOS ANGELES, CAL.—Apartment house, 3 story and base, Class C construction, \$56,000. Architect, Leonard A. Cooke, 100 East Colorado St., L. A. Owner, Mrs. F. T. Dandy. Contractor, Whiting Thompson, Douglas Bldg., L. A. Contract price, \$36,000.

BANKS.

SANTA CLARA, SANTA CLARA CO., CAL.—Bank alterations and additions, brick construction, \$30,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Bank of Santa Clara. Plans and specifications are complete and have been out for figures on this work and bids will be opened at once. The work will include complete new bank fixtures, vault work and interior finish and decoration. An addition to the present building will also be constructed. Plans have been out for figures and a contract will be awarded with a few days.

BRIDGES, DAMS AND HARBOR WORK.

SAN FRANCISCO—Pier No. 46, wood pile construction. Cost not stated. Engineer, Assistant State Engineer, Perry Bldg., S. F. Owners, State of California. Plans and specifications have been approved for the construction of Pier No. 46, which is to be erected between Pier No. 44 and the Channel. This structure will be carried on wood piles and will have a frame shed covering the whole structure. The pier will be 800 feet in length and 200 feet wide. Besides the shed there will be two spur tracks. Bids will be called for as soon as the plans receive the approval of the State Board of Control.

SEATTLE, WASH.—Bridges, 8 reinforced concrete and steel, \$2,000,000. Engineer, City Department of Engineering, Seattle. Owners, City of Seattle. The question of providing suitable ways and means for handling traffic in certain sections of the city, and especially in the neighborhood of the Lake Washington Canal has been recently decided by the City Council. Instead of constructing a system of subways the Council went on record at its last meeting as being in favor of constructing the following bridges: Fremont and Westlake; 15th NW at Ballard; Eastlake and 6th avenue N.; Mountlake avenue and University Grounds; Spokane avenue and East Waterway; Westlake and Stone Way, and 3rd avenue W. at Ross. Plans will be ordered at once.

CHURCHES.

MODESTO, STANISLAUS CO., CAL.—Church, 2 story and base, reinforced concrete, \$21,000. Architect, John J. Foley, 45 Kearny St., S. F. Owners, St. Stanislaus Parish. This building will be designed in the Spanish Colonial style with a cement plaster exterior and clay tile roof. The main auditorium will have a seating capacity of 500 people and will be finished in pine, redwood and ornamental plaster. A central heating system will be installed. Working drawings are being prepared and bids will be called for as soon as possible.

Contracts Awarded.

SAN FRANCISCO—Church, 2 story and base, reinforced concrete, \$50,000. Architect, P. Brouchoud, 52 Bush St., S. F. Owners, French Catholic Church. Contractor, James McLaughlin, 244 Kearny St., concrete work, \$26,000. Note: This is the only contract so far awarded. Plans for the balance of the work are complete and figures will be called for within a short time.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse addition, 2 story frame, \$2,000. Architect, none. Owners, Roehling Construction Co., Crocker Bldg., S. F. The addition will be made to a building 50x75 feet. There will be a concrete foundation, metal skylights, corrugated iron roof and sheathing. Interior will not be finished. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Dairy depot, 2 story and base, reinforced concrete. Cost not stated. Engineer, C. F. Wieland, Mutual Savings Bank Bldg., S. F. Owners, Dairy Delivery Co. The building will be erected on the property at 1350 19th street, the site of the present plant of the owners. The structure will cover an area of 60x60 feet and will be practically fireproof throughout. There will be reinforced concrete walls and floors, tar and gravel roof and metal window sash and frames. Special attention has been given to the sanitary conditions. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Warehouse, 3 story and base, brick, \$30,000. Architect, none. Owners, J. M. Overall Furniture Co., 700 South Main St., L. A. This company has ordered plans prepared for a warehouse structure 70x140 feet. There will be brick exterior walls faced with blue pressed brick. Interior construction will be of the heavy mill type. Plans include elevator service. Bids will be called for on the work within a short time.

LOS ANGELES, CAL.—Factory, 2 story and base, brick, \$20,000. Architect, T. Beverley Kelm, Jr., Co. Title Insurance Bldg., L. A. Owner, J. W. Earl. The building has been designed for a photo engraving plant, and has been leased for a long term to the National Engraving Co. The structure will cover an area of 50x145 feet. Interior will be finished in pine throughout. There will be metal window frames and sash. The exterior will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

SAN FRANCISCO—Factory, 5 story and base, reinforced concrete, \$120,000. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Gantner & Mattern Co. Contractors, Lindgren & Co., Monadnock Bldg., S. F. Contract price, \$120,000.

SEATTLE, WASH.—Warehouse, 4 story and base, reinforced concrete, \$75,000. Engineers, Weld & Thomas, Hoeg Bldg., Seattle. Owners, Great Northern R. R. Co. Contractors, Butler Construction Co., Central Bldg., Seattle. Contract price, \$75,000.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,000. Architect, none. Owner, Caspar Hexberg, 2079-B 15th St., S. F. The building will have a frontage of 25 feet and a depth of 61 feet. Interior will be arranged for three modern flats of four and five rooms each with baths. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the principal rooms. Gas grates and tile mantels will be used in all living rooms. The exterior of the building will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, John Dahlin, 127 Judah St., S. F. The building has been designed for two modern flats and a store, and will cover an area of 25x87 feet. Interior finish will be of pine and redwood. Open fire places and brick or tile mantels will be used in the living rooms. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic and cement plaster. Plans are complete and the owner will do the work by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,500. Architect, none. Owner, G. Spitz, 232-A Langston St., S. F. The building will have a frontage of 24 feet and a depth of 60 feet. Interior will be arranged for three modern flats of five and six rooms each with bath. All interior trim will be of pine or redwood. Some oak floors will be used. Tile will be used in the bath rooms and kitchens. There will be gas grates and tile or brick mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete, \$35,000. Engineers, Heller & Wilson, First National Bank Bldg., S. F. Owner, Dr. Albert Abrams. The building will be erected at the southwest corner of Van Ness avenue and California street, and will cover a considerable ground area. The front portion of the building has been arranged for automobile show rooms and the rear and upper floor for repair shop, storage space and shipping departments. Interior of the sales rooms will be finished in hardwood and tile. Metal window frames and sash will be used. The exterior of the building will be faced with cement plaster. Concrete floor will be used on the first floor. Plans

are complete and figures are being taken.

PORTLAND, ORE.—Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, C. A. Duke, Mohawk Bldg., Portland. Owner's name withheld. The building will be 67x100 feet with foundations and walls of sufficient strength to support additional stories. There will be a cement floor. Front portion of the building will be finished for offices. The rear will retain a repair shop and commercial garage. There will be metal window sash and frames and special gasoline storage tanks. The exterior of the building will be faced with cement plaster. A trussed roof will be used, permitting the free handling of cars. Plans are being prepared.

SEATTLE, WASH.—Garage, 3 story and base, reinforced concrete, \$50,000. Engineer, John M. Baird, White Bldg., Seattle. Owner, R. H. Gray. The building will cover an area of 65x120 feet. The entire structure has been leased to the Havers Motor Car Co., and will be designed to meet their requirements. There will be modern sales and display rooms in the front portion of the building, and the balance of the structure will be used for shipping rooms, an assembling plant and storage space. Metal window frames and sash are to be installed. The exterior of the building will be faced with cement plaster. Interior of the offices and display rooms will be finished in hardwood, marble and tile. Plans will be ready for figures in April.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 2 story and base, brick, \$50,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, J. A. Graves. Contractor, Carl Leonhardt, H. W. Hellman Bldg., L. A. Contract price, \$50,000.

GOVERNMENT WORK AND SUPPLIES.

SAN FRANCISCO—Hospital addition, 1 story and base, reinforced concrete, \$18,000. Architects, Constructing Q. M. Dept., Fort Mason. Owners, United States Government. Bids will be called for early this month by the Constructing Q. M. Dept. at Fort Mason for the construction of a one-story and basement reinforced concrete addition to the Letterman General Hospital at the Presidio, and for 100 feet of reinforced concrete sea wall at Fort Mason. The hospital addition is estimated to cost \$18,000. The official call for bids will be published in these columns.

Army Construction in Hawaii.

Major B. Frank Cheatham, quartermaster corps, who is in charge of construction in Hawaii, has submitted some important recommendations regarding the type of construction of army buildings at the coast artillery post of Kanehameha. It is proposed not to make use of the cement-gun type, which has been used in the construction of Schofield Barracks, for the reason that the buildings are under the mortars or near the guns of the coast defenses. Major Cheatham is in favor of a type of construction similar to that used by the people of Honolulu. It will be possible by this means to construct buildings for the four

companies of the coast artillery to constitute the garrison for \$200,000, as compared with \$356,500, which was the original estimate. Major Cheatham in his memorandum on the subject says:

"Owing to the local conditions, and particularly to the recent decision to limit the cost of officers' quarters in Hawaii to \$4,000 for a company officer and \$6,000 for a field officer, it is believed that this is a case where exception to the rule of the War Department to construct permanent buildings only should be made, and it is strongly recommended that all buildings be of frame and only one story high.

The types of construction used locally have been carefully studied, and it is found that, owing to the absence of high winds, it is customary to use an exceedingly light frame with single walls. Such houses are almost universal here and are not only satisfactory, but are as permanent as could be expected from all-frame construction. The relatively small amount of lumber used reduces the cost materially as compared with standard frame construction in the United States.

"Sketch plans for all buildings at Fort Kanehameha, based on the idea above expressed, are now being prepared and will be forwarded for consideration at an early date; the delay in submitting them is due to the fact that an engineer could not be spared from Schofield Barracks until now.

"It is estimated that suitable buildings as above suggested will cost as follows: Field officer's quarters, 4 bedrooms and 2 baths, \$5,500; captain's quarters, 3 bedrooms and 1 bath, \$4,000; lieutenant's quarters, 2 bedrooms and 1 bath, \$3,500.

"Barracks to be of same type of construction, frame, one story high; estimated cost, with mess hall and kitchen, \$18,000 each.

Pearl Harbor Dump Cars.

The bureau of yards and docks, Navy Department, Washington, will open bids April 5 for furnishing 30 complete 20-yard air dump cars, delivered at the U. S. naval station, Pearl Harbor, Hawaii, in knock-down condition, the cars to be of the best description in stock and workmanship. The parts of the cars to be assembled, to be securely boxed or crated for ocean shipment. It is desired to reduce to a minimum the amount of work required in erecting the cars at the naval station. The nature of the service these cars will be subject to is the transportation of coal loaded by one or two ton grab buckets. The cars shall be built entirely of metal, except the ends and flooring, which shall be of 3-inch white oak. General dimensions as follows: Gage of track, 4 feet 3½ inches; radius of track curvature, 150 feet; length of body, inside, 30 feet; width of body, inside, 8 feet 6 inches; height of body, inside, 2 feet 1½ inches; extreme height from top of rail, 5 feet 7 inches; center to center of trucks, 24 feet; truck base, 5 feet 3 inches; clear opening between door and car floor when dumped, about 4 feet 3 inches; capacity of body even full, 20 cubic yards. The entire work is to be completed within eight calendar months.

Hillings, Mount, Public Building.
As previously reported, the contract

the construction of the U. S. public building at Billings, Mont., was awarded to J. H. Wiese, Omaha, Neb., \$109,748. In the construction of the building the following fixtures and material will be used: Plumbing fixtures, John Douglas Co.; down draft furnace, Hawley Down Draft Furnace Co.; direct and wall radiators, American Radiator Co.; nonconducting coverings, Johns-Manville Co.; radiator dyes, Jankins Brothers; damper regulator, American Radiator Co.; cabinet and tablet, Frank Adam Electric Co.; conduit, Enameled Metals Co.; wire, standard Underground Cable Co.; pendant push button switches, General Electric Company; insulating joints, Charles Wirt & Co.; plug receptacles, Hart Mfg. Co.; snap switches, Hart & Egeman Mfg. Co.; lighting fixtures, as Fixture and Brass Co.

Puget Sound, Wash., Buildings.

The following bids were received by the chief of the bureau of yards and docks, Washington, D. C., for contiguous group buildings at the naval hospital reservation, Puget Sound, Wash.:

Item 1, work complete; 2, price for installation of wire fence; 3, work complete, omitting Ward A.
George Eckman, Seattle, Wash., em 1, \$13,998; 2, \$600; 3, \$10,358.
Finne & Gjarde, Seattle, Wash., item 1, \$14,771; 2, \$811; 3, \$10,769.
J. L. Murphy & Son, Tacoma, Wash., em 1, \$15,432.55; 2, \$225; 3, \$11,347.
Erikson & Dahl, Seattle, Wash., em 1, \$17,474.68; 2, \$1,300; 3, \$12,643.
Carl M. Stebinger, Portland, Ore., em 1, \$16,714.45; 2, \$342.50; 3, \$12,13.40.

Puget Sound, Quarters.

The contract for the construction of frame house at the naval magazine, Puget Sound, Wash., bids for which were opened January 15, has been awarded to Charles H. Schaer, Seattle, Wash., at \$7,900.

Pueblo Bouito Indian School.

The contract for the construction of brick school house at the Pueblo Bouito Indian School, N. Mex., bids for which were opened January 12, has been awarded to W. D. Lovell, Minneapolis, Minn., at \$9,500.

Generator Set and Switchboard.

On March 22 the bureau of yards and docks will open bids for a 200-kilowatt motor generator set delivered f. o. b. cars at the naval station, Pearl Harbor, T. H. There is also to be furnished a six-panel switchboard and accessories. The set shall consist of a three-phase 60-cycle 2,200-volt synchronous motor of not less than 50 kilowatt ampere capacity, mounted on the same bed-plate and direct connected to two 100-kilowatt direct current 125-volt compound wound generators. The switchboard shall consist of three panels for the control of the motor generator set and three feeder panels.

Prospective Bidders.

The following firms have applied to be bureau of yards and docks, Navy department, Washington, D. C., for plans and specifications of the following work:

Pearl Harbor, Generator Sets, March 22.

A. L. Mc & Son, 90 West street, New York city.

Crocker - Wheeler Co., Washington, D. C.

Terry Steam Turbine Co., 90 West street, New York city.

Burke Electric Co., Erie, Pa.

General Electric Co., Schenectady, N. Y.

Western Electric Co., 463 West street, New York city.

Pearl Harbor, Locomotive Crane, April 12.

The Hayward Co., 50 Church street, New York city.

Brown Hoisting Machinery Co., 50 Church street, New York city.

Browning Engineering Co., Cleveland, Ohio.

HALLS AND SOCIETY BUILDINGS.

SAN FRANCISCO—Municipal auditorium, 4 story and base. Class A construction, \$1,000,000. Architects, John Galen Howard, John Reid, Jr., and Frederick H. Meyer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the \$1,000,000 auditorium to be erected in the civic center have been approved by the executive committee of the Panama-Pacific International Exposition. The money to build the great meeting house has been set aside by the Exposition Company, which aims to have the building completed by 1915 so that the numerous conventions gathering in San Francisco that year can properly be housed.

The auditorium will be of stone, and with the City Hall, it will form the keynote of the stupendous scheme. It will flank the southern end of the great plaza.

The great feature of the interior of the main auditorium will be the octagonal dome, 190 feet in diameter. The steel structure of this dome will be exposed and will present a strong architectural effect. The seating capacity is approximately 11,000. A place has been set aside in the architect's sketch, indicating accommodations for 3,900 banquets. The easterly and westerly or minor auditoriums, easily will take care of from 750 to 900 persons each. A kitchen with all necessary appointments is provided for in the basement of the east wing.

On the third and fourth floors there will be committee rooms and exhibition spaces at the easterly and westerly sides.

The stage or platform will be large enough to meet the average requirements for large concerts. A portable stage made in sections will be provided and stored under the permanent stage when not in use. The structure will be equipped with a magnificent pipe organ.

BAKERSFIELD, KERN CO., CAL.—Club house, 3 story and base, brick, \$30,000. Architect's name not given. Owners, Bakersfield Club. The building will be erected at the corner of 19th and F streets, and has been designed for a modern city club. Interior arrangement will include several large social rooms, billiard hall, bowling alley, dining room, library and several living apartments. Interior finish will be of pine and hardwoods. A central heating system will be installed. The exterior of the building

will be faced with pressed brick. Plans are complete and in the hands of the Building Committee, which consists of F. N. Scofield, W. E. Benz and J. A. Hughes. Bids will be called for within three weeks.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Lodge hall, 1 story and base, brick, \$36,000. Architects, Starbuck & Clark, Fresno. Owners, Knights of Pythias. Contractor, D. A. Cowan, Fresno. Contract price, \$36,000. Note: The building will cover an area of 75x700 feet.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Association building, 3 story and base, brick and steel, \$50,000. Architects, E. Russell Hay and Windsor Soule, Santa Barbara. Owners, Young Men's Christian Association. Contractor, E. F. Edwards, East Pedregosa St., Santa Barbara, general construction, \$50,000. Bids are now being taken for the plumbing, painting, electric work and steam heating by the architects.

HOTELS.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, E. C. Thorne, 631 So. Spring St., L. A. Owner, I. I. Dehail. The building will be 64x106 feet, and will be arranged for stores on the first floor and 100 guest rooms and a number of baths on the upper floors. Plans include elevator service, steam heat and vacuum cleaning. Interior finish will be of pine and hardwoods. The exterior of the building will be faced with pressed brick. Bath rooms will have cement floors. Plans are being prepared and the work will probably be done by Day Labor.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, Frank M. Tyler, Hibernian Bldg., L. A. Owner, A. W. Ross. The building will be erected on a corner site and will cover an area of 70x140 feet. Several stores and the hotel lobby will occupy the first floor. Upper floors will be arranged for 27 guest rooms and 10 baths to each floor. Interior finish will be of pine and redwood. Tile will be used in the baths. There will be steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are nearly complete and the work will probably be done by Day Labor.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$12,000. Architect, C. Fantoni, 916 Kearny St., S. F. Owner's name withheld. The building will contain a number of single rooms on the upper floors and store and hotel lobby on the first floor. Interior finish will be of pine and redwood. All rooms will be supplied with hot and cold running water. The exterior of the building will probably be covered with shiplap and rustic. Preliminary plans only have been prepared.

SEATTLE, WASH.—Hotel, 2 story and base, brick and steel, \$75,000. Architect, A. Wisckersham, 703 22nd Ave., Seattle. Owners, Yesler Estate. The building will cover an area of 36x100 feet, and the nature of the soil on which it is to be erected makes it necessary to carry the building on a pile foundation. Concrete piles will be used. The first floor will be arranged for a number of stores besides the hotel entrance and lobby. Upper floors will contain a total of about 150 rooms.

There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior will be finished in pine and hardwoods. Bath rooms will have tile floors. The exterior of the building will be faced with pressed brick. Plans will be ready for figures about April 1st.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, none. Owner, Eugene Pourroy. Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price not stated.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, none. Owner, W. S. Hook. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price not stated.

PANAMA-PACIFIC EXPOSITION WORK.

LIGHT AND POWER CONTRACT.

Exposition Company Awards The Largest Contract To The Pacific Gas and Electric Company.

Contracts were signed Wednesday by officials of the Panama-Pacific Exposition company and of the Pacific Gas and Electric company binding the latter concern to supply all electricity, gas and steam for the 1915 fair from the present until the work of dismantling is over.

The deal is the largest in the history of the exposition and represents considerably more than \$1,000,000. The gross revenue to the gas company from electricity alone will be at least \$500,000.

A big generating plant is to be erected on one of the nine lots at the site of the old San Francisco Gas company on the north beach, which has been leased to the exposition company free of rental. The generating plant will serve a dual purpose. Besides generating the power for the fair it will serve as the gas company's exhibit, and visitors to the fair will be shown how the wonderful "juice" is made.

The fair company is bound to use, or at least pay for, a minimum of 12,000 horse power during the construction period of the exposition and 20,000 horse power during the actual life of the fair. Afterward the generating plant will be used as a substation for supplying individual consumers.

The steam to be supplied is to be used for heating purposes, mainly, and the exposition company is bound to use 20,000 pounds of steam per hour between 10 a. m. and 5 p. m. each day during the fair. The gas will be used mainly for illuminating purposes, and this is no inconsiderable item, for the streets of the fair, if present plans are adopted, will be lighted with gas lamps.

RAILROAD CONST., STATIONS AND EQUIPMENT.

OAKLAND, CAL.—Switch tower, 3 story, reinforced concrete, \$10,000. Architects, Architectural Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for a switch tower which is to be erected at the 16th street depot have been completed and are now out for figures. Interior will be finished in pine.

Metal window sash and frames are specified. The exterior of the building will be faced with cement plaster.

RESIDENCES.

SAN FRANCISCO—Residences, 2 1 story and base, frame. Cost not stated. Architect, Louis Christian Mullgardt, Chronicle Bldg., S. F. Owners, West Lake Park Co. These two houses will be erected on San Diego Way in St. Francis Wood. Each of the houses will contain from six to eight rooms with baths and sleeping porches. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and construction will shortly be undertaken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$5,000 each. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble, 363 14th avenue. These houses will be erected on Lake street east of 25th avenue. Each will be arranged for eight rooms and bath. All interior finish will be of pine. Oak floors will be used in the reception hall, living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalows, 2, 1 story and base, frame, \$1,650 each. Architect, none. Owner, A. A. Wesen dunk, 1747 Dolores St., S. F. These houses will each contain six rooms and bath. Interior finish will be entirely of pine and redwood with some hardwood flooring. There will be open fire places with tile mantels in the living rooms. Exteriors will be covered with rustic and cement plaster. Plans are complete and the owner will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,700. Architect, none. Owner, J. M. Peters, 1010 Balboa St., S. F. The house will contain seven rooms and bath. Interior will be finished in pine with some elm panels. There will be an open fire place in the living room. Hardwood floors will be used in the living and dining rooms. Bath room will be finished in tile. There will be an automatic water heater. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 2, 2 story and base, frame. Cost not stated. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The National Engineering Co. are completing plans and specifications for two high class dwellings, which will be erected at once in this city. Plans are also nearly complete for a \$5,000 residence in Alameda, several bungalows in Oakland and a \$5,000 dwelling to be erected in San Rafael. Bids will be

taken by the National Engineering Co. within a week for the two city jobs, and within ten days on the Alameda work.

SAN FRANCISCO—Residences, 2, 2 story and base, frame, \$2,900 each. Architect, none. Owner, Theodore Gibson, 255 Fair Oaks, S. F. Each of the houses has been designed for a seven-room dwelling with bath and laundry. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places in the living rooms. Bath rooms will have tile wainscoting. Mantels will be of brick. The exteriors of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, Fernando Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house with all modern conveniences. Interior will be finished in pine and redwood. There will be open fire places and brick or tile mantels. Hardwood floors will be used in the principal rooms. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$1,000. Architect, John P. Haner, 3579 19th St., S. F. Owner, G. W. Lambert. The bungalow will contain five rooms and bath. All interior trim will be of pine. Oak flooring will be used in the living and dining rooms. There will be an open fire place in the living room with a brick mantel. The exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Bungalow 1½ story and base, frame, \$1,900. Architect, none. Owner, Oscar Heyman, 742 Market St., S. F. The house will contain six rooms and bath. Interior will be finished in pine and redwood throughout. There will be a large open fire place in the living room. Hardwood floors will be used in the principal rooms. The exterior of the dwelling will be covered with rustic and shiplap. The work will be done under the Day Labor system.

SAN FRANCISCO—Bungalows, 2, 1½ story and base, frame, \$1,200 each. Architects, National Engineering Co., Foxcroft Bldg., S. F. Owner, Margaret C. Woodside. These houses will be erected on Putnam avenue, and each will contain five rooms and bath. Pine and redwood will be used for trim throughout. There will be open fire places and tile or brick mantels. Some oak flooring will be used. Exterior will be covered with rustic. Plans are complete and the work will be done under the Day Labor system.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$2,000. Architect, none. Owners, Roemer and Walton, 11 Guerrero St., S. F. The dwelling has been designed for a six-room house with bath and laundry. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath room and kitchen. The exterior o

the house will be covered with rustic and plans are complete and the work will be done by Day Labor.

SAN FRANCISCO.—Residence, 2 story and base, frame, 2,000. Architect, none. Owner, N. J. Neilson, 4278 rd St., S. F. The house will contain x rooms and bath. Interior will be finished in pine and redwood with one hardwood floors. A large open place will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, J. A. Bischoff, 349 82nd St., Oakland. The dwelling has been designed for a modern six-room house with bath. Interior will be finished in pine, redwood and some hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Albert Farr, Foxcroft Bldg., S. F. Owner, Dr. F. W. Arnden. This house will contain seven rooms and bath. All interior finish will be of pine or redwood. There will be furnace heat and open fire places. Hardwood floors will be used in the principal rooms. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are now being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, 1,000. Architect, none. Owner, F. J. Bernhoff, 1741 Franklin St., Oakland. The dwelling has been designed for a seven-room house with all modern conveniences. There will be furnace heat and open fire places. Mantels will be of brick and tile. Interior finish will be of pine, redwood and some hardwood. Oak floors will be used in the living and dining rooms and reception hall. Tile will be used in the bath and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,950. Architect, none. Owner, H. M. Turrell, 456 Loan St., Oakland. This house has been designed for an eight-room dwelling with bath. All interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Tile will also be used in the bath room and kitchen. The exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, W. Smith, 1010 Broadway, Oakland. Owner, Henry Perfontaine. This house will be arranged to contain six

rooms, sleeping porch and bath. Interior will be finished in pine and hardwoods. Oak floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior will be covered with brick veneer and shiplap. Plans are complete and now out for figures.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, Junk, Kiddell & Co., 2247 Telegraph Ave., Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and some hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,500. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mrs. Grant. The dwelling will be erected in Rockridge Park, and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine, redwood and some oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater is to be specified. Tile will be used in the baths and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, S. D. Beasley. The house will be erected in Berkeley Heights, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwoods. There will be furnace heat and open fire place. Hardwood floors will be used in the principal rooms. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with shingles. Plans are complete and bids are now being taken for the construction.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$10,000. Architect, none. Owner, Louis Engler, 2721 Haste St., Oakland. The dwelling has been designed for a fourteen-room house with several baths and a laundry, and will be erected on Spruce street near Virginia. Interior will be finished in pine and redwood with some hardwood floors. There will be a central heating system and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and the work is to be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owners, Green and Walker. The

house will contain eight rooms and bath. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior will be covered with shingles and cement plaster. Plans are complete and the owners will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mrs. V. H. Owens. The house has been designed for an eight-room dwelling with bath and laundry. Interior will be finished in pine, redwood and some hardwoods. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalows, 12, 1 story and base, frame, \$2,500 each. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit, 1522 Broadway, Oakland. These dwellings will be erected on the property at 51st street and Manila avenue, and each will contain six rooms and bath. All interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and brick and tile mantels. Tile will also be used in the baths and kitchens. Exteriors will be finished with cement plaster, rustic and shingles. Plans are being completed as rapidly as possible and the work will be done by Day Labor. The owner is now in the market for all kinds of building materials.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,750. Architect, Henry L. Wilson, L. A. Owners, J. H. and Kate Platner, 434 Leavenworth St., S. F. The dwelling will contain seven rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be a central heating system and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster. Plans are complete and in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit. The dwelling has been designed for an eight-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile and cement. The bath and kitchen will have some tile wainscoting. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1 story and base, frame, \$2,800. Architect, none. Owner, W. M. Lewis, 465 N. 16th St., San Jose. The house has been designed for a six-room dwelling with bath and sleeping

porch. Interior finish will be of pine and redwood with some oak floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

MILL VALLEY, MARIN CO., CAL.—Bungalow, 1 story and base, \$4,500. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, John Baker. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwoods. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OKDALE, STANISLAUS CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owner, Arthur Lietz, Oakdale. The dwelling has been designed for a modern eight-room house with baths, sleeping porch and laundry. Interior will be finished in pine with hardwood floors throughout. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath rooms and kitchen. There will be an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story, attic and base, frame, \$40,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Milton E. Getz. Only preliminary plans have been prepared for this building and details of construction will be given later. Mr. Getz can be addressed in care of K. Cohn & Co., 1st and Spring Sts., L. A.

SEATTLE, WASH.—Residence, 2 story, attic and base, brick, \$50,000. Architect, Julian Everett, Walker Bldg., Seattle. Owner, J. Redelsheimer. The dwelling will be in the neighborhood of 100 feet long, and has been designed to contain fifteen rooms, several baths and a laundry. Interior finish will be of pine, redwood and hardwoods. Hardwood floors will be used in the principal rooms. A central heating system and open fire places will be used. Mantel will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans will be ready for figures about April 1st.

SCHOOLS.

KING CITY, MONTEREY CO., CAL.—School, 1 story and base, frame and concrete, \$25,000. Architect, H. E. Douglas, Watsonville. Owners, King City School District. This building was mentioned in last week's issue of the Building and Industrial News, at which time it was stated that bids had been taken on the work and that a complete list of these figures would appear in the next issue. White & Thies of Santa Cruz put in the lowest figures as follows: (a) \$24,961, (b)

\$23,250, (c) \$22,000. This was for the general construction only. Bids for the heating and ventilating have not been opened. For a complete list of all figures see under San Jose and the Santa Clara Valley.

SACRAMENTO, CAL.—School, 2 story and base, reinforced concrete or brick and steel, \$180,000. Architects, S. C. & Lofquist, 550 Montgomery St., S. F. Owners, City of Sacramento. An award of this work has just been made to the above mentioned architects. Their plans were selected from a competition of 51 architects held under the A. I. A. Code. The building will contain 23 class rooms, a large auditorium, domestic science and manual training departments, two large lunch rooms, one for boys and one for girls, besides a library and teachers' rooms. Construction will be as near fireproof as the money will permit. Interior will be finished in pine and hardwood. Mechanical equipment will include steam heat, vacuum cleaning system and a modern system of ventilation and program clocks. Exterior will probably be faced with pressed brick. Working drawings are being prepared.

PASADENA, LOS ANGELES CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, South Pasadena High School District. Bids will be received until 12 o'clock noon, Thursday, March 27th, by the Board of Trustees of South Pasadena High School District at the high school for the erection of a Household Economy Building and Manual Arts Building. Bids will be received separately for the general work, the plumbing, electric wiring, heating and ventilating, and painting and tinting. The buildings will be of brick construction, each two stories high, 65x100 feet, with exterior faced with Redondo pressed brick, composition roof, pine finish, steam heating, modern school plumbing. Plans may be obtained at the office of the architect.

SCHOOLS — 2 story and base, brick. Cost not stated. Pasadena, Los Angeles Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, South Pasadena High School District. Bids will be received until 12 o'clock noon, Thursday, March 27th, by the Board of Trustees of South Pasadena High School District at the high school for the erection of a Household Economy Building and Manual Arts Building. Bids will be received separately for the general work, the plumbing, electric wiring, heating and ventilating, and painting and tinting. The buildings will be of brick construction, each two stories high, 65x100 feet, with exterior faced with Redondo pressed brick, composition roof, pine finish, steam heating, modern school plumbing. Plans may be obtained at the tract price, \$36,951.50.

HANFORD, KINGS CO., CAL.—School, 1 story and base, brick. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Parochial School. The building will be designed for two class rooms and a parochial hall. Interior finish will be of pine and redwood. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

ORANGE, ORANGE CO., CAL.—School, 2 story and base, brick, \$26,951.50. Architect, Fred H. Eley, Harvey-Finley Bldg., Santa Ana. Owners, Orange Union High School District. Contractor, George Kuschel, Orange. Contract price, \$36,951.50.

SANTA ANA, ORANGE CO., CAL.—Administration building, Polytechnic group, 3 story and base, brick, \$65,000. Architects, Withey & Davis, Story Bldg., L. A. Owners, City of Santa Ana. Contractor, George C. Condon, Citizens' National Bank Bldg., L. A., general construction, \$57,000; Robertson & Packard Co., Santa Ana, electric wiring, \$3,246.50; Machinery and Electric Co., L. A., heating and ventilating. Cost not stated. Bids for the plumbing, painting and program clocks were taken under advisement.

SCHOOL—2 story and base, brick, \$36,951.50. Orange, Orange Co., Cal. Architect, Fred H. Eley, Harvey-Finley Bldg., Santa Ana. Owners, Orange Union High School District. Contractor, George Kuschel, Orange. Contract price, \$36,951.50.

ADMINISTRATION BUILDING — Polytechnic group, 3 story and base, brick, \$65,000. Santa Ana, Orange Co., Cal. Architects, Withey & Davis, Story Bldg., L. A. Owners, City of Santa Ana. Contractor, George C. Condon, Citizens' National Bank Bldg., L. A., general construction, \$57,000; Robertson & Packard Co., Santa Ana, electric wiring, \$3,246.50; Machinery and Electric Co., L. A., heating and ventilating, cost not stated. Bids for the plumbing, painting and program clock were taken under advisement.

TACOMA, WASH.—College, 3 story and base, brick, \$49,339. Architect, C. Frank Mahon, Savage-Schofield Bldg., Tacoma. Owners, St. Martin's College. Contractors, Chalmers & Pearson, 2711 North Huson St. Contract price, \$49,339.

SEWERS, STREET WORK AND WATER SYSTEMS.

CALIFORNIA—State Highway construction. Cost not stated. Engineer, State Highway Commission, Sacramento. Owners, State of California. Bid have been opened by the State Highway Commission for ten miles of cement, concrete and bituminized surface road to be constructed in Los Angeles County, between Rancho El Encino and Calabasas. The engineer's estimate on this piece of work was \$61,151, and the three lowest figures were as follows: John D. Marsh, \$57,555; H. Considine, \$61,151, and Roger Brothers Co. \$61,389.

Bids for constructing seven and one half miles of water-bound macadam road with a gravel foundation to be built in Mendocino County, between Friar and Forsythe Creek, were also opened. The engineer's estimate was \$56,955. Bids were submitted as follows: Sawyer & White of Whittis \$53,315, E. B. & A. L. Stone Co., San Francisco, \$60,810, Fairbanks & Rachtel & Whittis \$67,113, and the Reichel Improvement Co., San Francisco, \$92,290. All bids have been referred to the Engineering Advisory Board, which he will take up the matter of awards at its meeting in Sacramento on March 1th.

HANFORD, KINGS CO., CAL.—Sewer system, etc., \$105,000. Engineer, City Engineer, Hanford. Owners, C.

of Hanford. An opinion has been rendered to the effect that the \$105,000 bond issue voted for municipal improvements in Hanford is illegal. This opinion is expected to affect the contract recently awarded to Chambers & Leafey of Oakland for about \$80,000 worth of sewers. The contract will probably be abrogated although no such action has yet been taken.

Contracts Awarded.

PUEBLO, LOS ANGELES CO., CAL.—Reservoir, reinforced concrete, \$12,000. Engineer's name not given. Owners, Cross Land Co., H. W. Hellman Bldg., L. A. Contractor, E. A. Simmons. Plans and. Contract price, \$12,000.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores, 1 story and base. Class C construction. Cost not stated. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner, Mrs. Marie Fanhauser. The building will be arranged for retail stores and is to be located on McAllister street west of Van Ness avenue. Interiors of the stores will be finished in pine. There will be patent store fronts and plate glass windows. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

San Francisco—Stores and offices, 4 story and base. Class A construction. Cost not stated. Architect, Nathaniel Laisdell, 255 California St., S. F. Owners, Charles C. Moore Co. Plans for this building, which has been mentioned here before are complete and segregated figures are being taken. The structure will have a frontage on Mission street of 113 feet and 129 feet on First street. First floor will be occupied by the owners, and upper floors will be arranged for office suites designed to meet the special requirements of engineers, chemists and assayors. Construction will be fireproof throughout, with a large amount of metal trim and metal window sash and frames. Plans include elevator service, steam heat and all other modern conveniences. The exterior will be faced with pressed brick.

SAN FRANCISCO—Office addition, 3 story, Class A construction, \$100,000. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owners, Metropolitan Insurance Co. This work includes the addition of three stories to a Class A building, which is devoted to the exclusive use of the Metropolitan Insurance Co. The new portion of the building will harmonize with the old. Steel frame will be carried up and exterior walls will be faced with white terra cotta. Interior will be finished in metal trim and interior partitions will be of hollow tile. Considerable marble and tile will be used. Plans are being prepared, but it will probably be a matter of a month or six weeks before figures are taken.

OAKLAND, CAL.—Stores and offices, 3 story and base. Class A construction. Cost not stated. Architect, Benj. McCombally, Sheldon Bldg., S. F. Owners, Carlson & Snyder. The building will be erected at the corner of 4th and Broadway in Oakland, and will cover a large ground area. Construction will be Class A throughout, with a complete steel frame, exterior walls of brick, faced with pressed brick and terra cotta. Floors will be concrete. Interior partitions will




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be fireproof. Plans include metal trim, metal window sash and frames, elevator service, steam heat, vacuum cleaning and mail chutes. Working drawings are complete and specifications are being written. Bids will be called for shortly. All parts of the work will be segregated.

OAKLAND, CAL.—Stores and hall, 6 story and base, brick and steel, \$100,000. Architect, W. W. Dixon, 1844 5th Ave., Oakland. Owners, Owens and Black, Owens Apartments, Oakland. The building will be erected on Alice street between 14th and 15th streets, and has been designed for stores on the first floor, billiard parlors and dance halls on the upper floors. Considerable structural steel will be used. Exterior walls will be faced with pressed brick. Interior will be finished in pine and hardwood with tile and marble wainscoting. There will be steam heat and elevator service. Plans are complete and the work will be done by Day Labor.

TAFT, KERN CO., CAL.—Stores and offices, 1 story and base, brick, \$30,000. Architect, C. S. McNally, Mechanics Institute Bldg., S. F. Owners, Motor Transportation and Construction Co., Taft. The building will be the largest commercial structure in Taft, and will cover an area of 50x125 feet. First floor will be arranged for five large stores and upper floors for 21 offices, 2 large halls and living apartments. Interior will be finished in pine throughout. There will be steam heat. The exterior of the building will be faced with cement plaster. Plans are complete, but no figures have been called for as yet.

LOS ANGELES, CAL.—Lofts, 5 story and base, reinforced concrete. Cost not stated. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owner, Mrs. F. W. Sahich. The building will be erected at the corner of Los Angeles and South Seventh streets, and will cover an area of 116x140 feet. Several stores will occupy the first floor and upper floors will be arranged for large light lofts. There will be steam heat, both freight and passenger elevators and a vacuum cleaning system. Copper sash will be used in the first story. Upper floors will have metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are complete and subfigures are being taken by Richards-Neustadt Co.

LOS ANGELES, CAL.—Department store, 8 story and base. Class A, \$1,000,000. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Broadway Department Store. This building will be erected at the southwest corner of Broadway and 4th streets, and will cover an area of 242x161 feet. All work will be under the supervision of the C. B. Weaver Construction Co., Wright and Callender Bldg. A contract for the structural steel work has been let and subfigures are being taken on the various other parts of the work through the Weaver Co.'s offices.

PORTLAND, ORE.—Telephone exchange and offices, 11 story and base, reinforced concrete. Cost not stated. Architect, Architectural Dept. Pacific States Tel. and Tel. Co., New Montgomery St., S. F. Owners, Pacific States Tel. and Tel. Co. This building was originally planned for a 14-story

structure, but only the first eleven stories will be erected at this time. A contract for the excavation has been completed and another contract for the steel work has been awarded to Puole-Treane Co. Plans for the balance of the contracts are complete and bids will be called for within the next six weeks.

SEALED PROPOSALS.

PROPOSALS FOR CRANES AND GRAB BUCKETS.

CRANES AND GRAB BUCKETS.—Sealed proposals, indorsed "Proposals for Locomotive Cranes" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. April 12, 1913, and then and there opened, for eleven 15-ton locomotive cranes with grab-bucket equipments, delivered and erected at the naval station, Pearl Harbor, Hawaii, and the navy yard, Puget Sound, Wash. Specifications can be obtained on application to the bureau of yards and docks. H. R. STANFORD, chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received in this office until 3 o'clock p. m. on the 7th day of April, 1913, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting fixtures and approaches), of the United States post office at Casper, Wyo. The building is to be of one story, mezzanine and basement, and has a ground area of approximately 4,000 square feet, fire proof first floor, stone, brick and terra cotta facing and tin roof. Drawings and specifications may be obtained from the custodian of site at Casper, Wyo., or at this office, at the discretion of the supervising architect. O. WENDEROTH, supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 764.—Proposals for Electric Traveling Cranes, Steel Rail, Angle Bars, Truck Bolts, Switches, Track Frogs, Flat Plates, Track Chisels, Brackets Metal, Poultry Netting, Steel Wire, Taps, Screws, Cotter Pins, Hammers, Wrench Parts, Pipe Fittings, Valves, Saws, Hinges, Tackle Blocks, Torches, Ladders, Ropes, Dows, Hose, Silica Sand, Foundry Clay Block, Enamel and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. March 26, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 764) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal.; E. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CONSTRUCTING BUILDING.

BUILDING.—U. S. Engineer Office, 602 Burke Building, Seattle, Wash.—

Sealed proposals for building lock-keeper's house at lock site, Lake Washington Canal, Seattle, Wash., will be received here until 11 a. m. March 18, 1913, and then publicly opened. Information on application. J. B. CAVANAUGH, major, engineers.

PROPOSAL FOR BUILDING AND

WATER AND SEWER SYSTEM.
BUILDING, WATER AND SEWER SYSTEM.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Buildings, Etc., Coeur d'Alene Indian Agency, Idaho," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. March 24, 1913, for furnishing materials and labor for the erection of seven frame cottages, frame warehouse, frame office, frame pump house and concrete guardhouse and the installation of water and sewer system at the Coeur d'Alene Indian Agency, Idaho, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo.; the U. S. Indian warehouses at San Francisco, Cal.; the Builder and Employers' Association, Tacoma, Wash., and at the agency. For further information apply to the superintendent of the Coeur d'Alene Indian Agency, Tekoa, Wash. F. H. ABBOTT, acting commissioner.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 763.—C.—Proposals for the Purchase of Brass and Copper Scrap Offered for Sale by the Isthmian Canal Commission.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 2:30 p. m. March 24, 1913, at which time they will be opened in public, for purchasing the above mentioned articles. Blanks and general information relating to this circular (No. 763-C) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer office at Seattle, Wash. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CONSTRUCTING PIER.

PIER WORK.—Sealed proposals, indorsed "Proposals for Pier No. 4," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m. March 29, 1913, and then and there publicly opened, for Pier No. 4 at the navy yard, Puget Sound, Wash. Amount available, \$175,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named, H. R. STANFORD, chief of bureau.

PROPOSALS FOR PAVING.

PAVING.—Office of Quartermaster, Fort Flagler, Wash.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. March 25, 1913, and then opened, for construction of granite sidewalk at this post. Further information may be obtained by applying at this office or quartermaster's of-

fice at Seattle, Wash. HERBERT O'LEARY, second lieutenant, coast artillery corps, assistant quartermaster.

PROPOSALS FOR PLAY PIPES.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners duly passed February 14, 1913, sealed proposals will be received in open session of the Board on Friday, March 14, 1913, between the hours of 8:30 and 9 o'clock a. m. for furnishing fifty high pressure play pipes, complete, with tips and clamps, for use in the San Francisco Fire Department, in strict accordance with the specifications and conditions contained in the proposal blanks prepared by this department and approved by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of said Board, 1231 Market street, San Francisco, Cal.

FRANK T. KENNEDY, Secretary.

PROPOSALS FOR GYMNASIA.

SEALED bids will be received for the Equipment and Installation of Gymnasia of the Lowell High School and the Girls' High School. Specifications may be had at the office of the undersigned.

Sealed proposals will be received at open session of the Board of Education Wednesday, March 19th, 1913 at 2 o'clock p. m. M. R. NORRIS, Acting Secretary Board of Education.

DARED DO JUSTICE.

The universal acceptance of the California railroad commission's decision in the railway merger case illustrates the value of having an independent commission, possessed of the public confidence. Here was a decision distinctly in favor of the Southern Pacific. Its immediate effect was to put up the price of Southern Pacific stock, and stop the manipulation of the "bears" who were looting it in the market. Yet not a person has so much hinted in his innermost soul that the commission was under Southern Pacific influence to render this decision. In fact, for familiar stock-market reasons the official influence of the Southern Pacific management, would have been against the interests of the company. The Southern Pacific was better protected by the railroad commission than by its own directors. Yet the people of California, not only do not suspect this commission of deciding in the interests of the railroad. For the most part, they are glad it was done. For it seems that the interest of the railroad and of the people was probably identical. And the people are friendly, not hostile to the Southern Pacific. They were never hostile to it as a business institution, and a business institution is the only thing it now is.

The worst investment the Southern Pacific ever made was to own the California railroad commission for thirty years. The best thing that ever happened to it was to get under a commission it did not own, elected on a radical "anti-railroad" ticket, and acting under a law giving it almost absolute power over the road. It is only a just commission that dares justice. And justice is a better permanent asset than protection—Free Republican.

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—2, 2 story and base, frame. Cost not stated. San Francisco. Architect, Louis Christian Mullgardt, Chronicle Bldg., S. F. Owners, West Lake Park Co. These two houses will be erected on San Diego Way in St. Francis Wood. Each of the houses will contain from six to eight rooms with baths and sleeping porches. Interior finish will be of pine, redwood and hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and construction will shortly be undertaken.

RESIDENCES—2, 2 story and base, frame, \$5,000 each. San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Schole, 363 14th avenue. These houses will be erected on Lake street east of 25th avenue. Each will be arranged for eight rooms and bath. All interior finish will be of pine. Oak floors will be used in the reception hall, living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Automatic water heaters will be installed. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOWS—2, 1 story and base, frame, \$1,650 each. San Francisco. Architect, none. Owner, A. Wesen-dunk, 1747 Dolores St., S. F. These houses will each contain six rooms and bath. Interior finish will be entirely of pine and redwood with some hardwood flooring. There will be open fire places with tile mantels in the living rooms. Exteriors will be covered with rustic and cement plaster. Plans are complete and the owner will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,700. San Francisco. Architect, none. Owner, J. M. Peters, 1010 Balboa St., S. F. The house will contain seven rooms and bath. Interior will be finished in pine with some elm panels. There will be an open fire place in the living room. Hardwood floors will be used in the living and dining rooms. Bath room will be finished in tile. There will be an automatic water heater. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—2, 2 story and base, frame. Cost not stated. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The National Engineering Co. are completing plans and specifications for two high class dwellings, which will be erected at once in this city. Plans are also nearly complete for a \$5,000 residence in

Alameda, several bungalows in Oakland and a \$5,000 dwelling to be erected in San Rafael. Bids will be taken by the National Engineering Co. within a week for the two city jobs, and within ten days on the Alameda work.

RESIDENCES—2, 2 story and base, frame, \$2,900 each. San Francisco. Architect, none. Owner, Theodore Gibson, 355 Fair Oaks, S. F. Each of the houses has been designed for a seven-room dwelling with bath and laundry. Interiors will be finished in pine and redwood with some hardwood floors. There will be open fire places in the living rooms. Bath rooms will have tile wainscoting. Mantels will be of brick. The exteriors of the houses will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Fernando Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house with all modern conveniences. Interior will be finished in pine and redwood. There will be open fire places and brick or tile mantels. Hardwood floors will be used in the principal rooms. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1 story and base, frame, \$1,000. San Francisco. Architect, John F. Haner, 3579 19th St., S. F. Owner, G. W. Lambert. The bungalow will contain five rooms and bath. All interior trim will be of pine. Oak flooring will be used in the living and dining rooms. There will be an open fire place in the living room with a brick mantel. The exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$1,900. San Francisco. Architect, none. Owner, Oscar Heyman, 742 Market St., S. F. The house will contain six rooms and bath. Interior will be finished in pine and redwood throughout. There will be a large open fire place in the living room. Hardwood floors will be used in the principal rooms. The exterior of the dwelling will be covered with rustic and shiplap. The work will be done under the Day Labor system.

BUNGALOWS—2, 1½ story and base, frame, \$1,200 each. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner, Margaret C. Woodside. These houses will be erected on Putnam avenue, and each will contain five rooms and bath. Pine and redwood will be used for trim throughout. There will be open fire places and tile or brick mantels. Some oak flooring will be used. Exteriors will be covered with rustic. Plans are complete and the work will be done under the Day Labor system.

BUNGALOW—1 story and base, frame, \$2,000. San Francisco. Archi-

tect, none. Owners, Roemer and Walton, 11 Guerrero St., S. F. The dwelling has been designed for an eight-room house with bath and laundry. Interior finish will be of pine and redwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath room and kitchen. The exterior of the house will be covered with rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, N. J. Nelson, 4278 23rd St., S. F. The house will contain six rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. A large open fire place will be used in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$30,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Anna C. Brownlee. This building has been mentioned in these columns a number of times before. Plans are now complete and gures are being taken. The building is designed to contain a number of two and three room suits with wall beds and private bath rooms. Interiors will be handsomely finished in pine and hardwood veneer. Oak floors will be used in the principal rooms. A central heating system will be installed. Hot and cold running water will be supplied to all rooms. The exterior of the building will be covered with cement plaster on metal lath.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, James and Mary Ward. The building will be erected at the southeast corner of Clay and Taylor streets. There will be stores on the first floor and a number of two and three room suites on the upper two floors. Interior finish will be of pine and redwood with some hardwood floors. All suites will have connecting baths and wall beds. A central heating system and hot water plant will be installed. Bath rooms will have tile wainscot. The exterior of the building will be covered with shiplap. Plans for this work are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owners, Metropolis Investment Co. The building will cover an area of 37½x94 feet and will contain apartments arranged in suites of two and three rooms each. There will be a central heating system and hot water plant. All suites will have private baths and wall beds. Interiors will be finished in pine and redwood. Some oak floors will be used. Tile will be used in the bath rooms and kitchens. The exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, reinforced concrete, \$16,000. San Francisco. Architect, C. Fantoni, 916 Kearny St., S. F. Owner's name withheld. The building will contain a number of two room suites with private baths. Interior finish will be of pine throughout. Bath rooms and kitchens will have tile wainscot. There will be a hot water plant installed. Exterior of the building will be faced with cement plaster. Only preliminary plans have been prepared and working drawings will be completed as rapidly as possible.

APARTMENT HOUSE—6 story and base. Class C construction, \$75,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The building will be erected in the south line of Bush street near Mason and will have a frontage of 50 feet and a depth of 137½ feet. The interior will be arranged for a number of two and three room suites, all of which will have connecting baths and wall beds. Plans include a steam heating plant, elevator service, vacuum cleaning system and hot water plant. Interior will be finished in pine and hardwoods. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Herman Hogrefe. The building will be erected at the northeast corner of Union and Van Ness avenue, and will cover an area of 30x90 feet. Stores will occupy the first floor. Upper two floors will be arranged for eleven apartments of two and three rooms each. All suites will have wall beds and private bath rooms. Interior will be finished in pine and elm veneer. Tile and marble will be used in the bath rooms and entrance lobby. There will be a central heating system and hot water plant. The exterior of the building will be covered with shiplap and special run rustic. Plans are complete and the work will be done by Day Labor.

PIER NO. 46—Wood pile construction. Cost not stated. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. Plans and specifications have been approved for the construction of Pier No. 46, which is to be erected between Pier No. 44 and the Channel. This structure will be carried on wood piles and will have a frame shed covering the whole structure. The pier will be 800 feet in length and 200 feet wide. Besides the shed there will be two spur tracks. Bids will be called for as soon as the plans receive the approval of the State Board of Control.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect, none. Owner, Caspar Hexsig, 2079-B 15th St., S. F. The building will have a frontage of 25 feet and a depth of 61 feet. Interior will be arranged for three modern flats of four and five rooms each with baths. Interior finish will be of pine and redwood with some elm panels. Oak floors will be used in the principal rooms. Gas grates and tile mantels will be used in all living rooms. The exterior of the

building will be covered with rustic and cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, John Dahlin, 127 Judah St., S. F. The building has been designed for two modern flats and a store, and will cover an area of 25x87 feet. Interior finish will be of pine and redwood. Open fire places and brick or tile mantels will be used in the living rooms. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic and cement plaster. Plans are complete and the owner will do the work by Day Labor.

FLATS—3 story and base, frame, \$5,500. San Francisco. Architect, none. Owner, G. Spirz, 232-A Langton St., S. F. The building will have a frontage of 24 feet and a depth of 60 feet. Interior will be arranged for three modern flats of five and six rooms each with bath. All interior trim will be of pine or redwood. Some oak floors will be used. Tile will be used in the bath rooms and kitchens. There will be gas grates and tile or brick mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

WAREHOUSE ADDITION—2 story frame, \$2,000. San Francisco. Architect, none. Owners, Roebeling Construction Co., Crocker Bldg., S. F. The addition will be made to a building 50x75 feet. There will be a concrete foundation, metal skylights, corrugated iron roof and sheathing. Interior will not be finished. Plans are complete and the work will be done by Day Labor.

DAIRY DEPOT—2 story and base, reinforced concrete. Cost not stated. San Francisco. Engineer, C. F. Wieland, Mutual Savings Bank Bldg., S. F. Owners, Dairy Delivery Co. The building will be erected on the property at 1350 19th street, the site of the present plant of the owners. The structure will cover an area of 60x60 feet, and will be practically fireproof throughout. There will be reinforced concrete walls and floors, tar and gravel roof and metal window sash and frames. Special attention has been given to the sanitary conditions. The exterior of the building will be faced with cement plaster. Plans are being prepared.

GARAGE—5 story and base, reinforced concrete, \$35,000. San Francisco. Engineers, Heller & Wilson, First National Bank Bldg., S. F. Owner, Dr. Albert Abrams. The building will be erected at the southwest corner of Van Ness avenue and California street, and will cover a considerable ground area. The front portion of the building has been arranged for automobile show rooms and the rear and upper floor for repair shop, storage space and shipping departments. Interior of the sales rooms will be finished in hardwood and tile. Metal window frames and sash will be used. The exterior of the building will be faced with cement plaster. A concrete floor will be used on the first floor. Plans are complete and figures are being taken.

HOSPITAL ADDITION—1 story and base, reinforced concrete, \$18,000. San Francisco. Architects, Constructing Q. M. Dept., Fort Mason. Owners, United States Government. Bids will be called for early this month by the

Constructing Q. M. Dept. at Fort Mason for the construction of a one-story and basement, reinforced concrete addition to the Letterman General Hospital at the Presidio, and for 100 feet of reinforced concrete sea wall at Fort Mason. The hospital addition is estimated to cost \$18,000. The official call for bids will be published in these columns.

STORES—1 story and base. Class C construction. Cost not stated. San Francisco. Architect, Lewis M. Gardner, Phelan Bldg., S. F. Owner, Mrs. Marie Panhauser. The building will be arranged for retail stores, and is to be located on McAllister street west of Van Ness avenue. Interiors of the stores will be finished in pine. There will be patent store fronts and plate glass windows. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND OFFICES—4 story and base. Class A construction. Cost not stated. San Francisco. Architect, Nathaniel Blaisdell, 255 California St., S. F. Owners, Charles C. Moore Co. Plans for this building, which has been mentioned here before, are complete and segregated figures are being taken. The structure will have a frontage on Mission street of 113 feet and 12½ feet on First street. First floor will be occupied by the owners and upper floors will be arranged for office suites designed to meet the special requirements of engineers, chemists and assayers. Construction will be fireproof throughout with a large amount of metal trim and metal window sash and frames. Plans include elevator service, steam heat and all other modern conveniences. The exterior will be faced with pressed brick.

OFFICE ADDITION—3 story. Class A construction, \$100,000. San Francisco. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owners, Metropolitan Insurance Co. This work includes the addition of three stories to a Class A building which is devoted to the exclusive use of the Metropolitan Insurance Co. The new portion of the building will harmonize with the old. Steel frame will be carried up and exterior walls will be faced with white terra cotta. Interior will be finished in metal trim and interior partitions will be of hollow tile. Considerable marble and tile will be used. Plans are being prepared, but it will probably be a matter of a month or six weeks before figures are taken.

MUNICIPAL AUDITORIUM—4 story and base. Class A construction, \$1,000,000. San Francisco. Architects, John Galen Howard, John Reid, Jr., and Frederick K. Meyer, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for the \$1,000,000 auditorium to be erected in the civic center have been approved by the Executive Committee of the Panama-Pacific International Exposition. The money to build the great meeting house has been set aside by the Exposition Company, which aims to have the building completed by 1915 so that the numerous conventions gathering in San Francisco that year can properly be housed.

The Auditorium will be of stone, and with the City Hall, it will form the keynote of the stupendous scheme. It will flank the southern end of the great plaza.

Lloyd S. Ackerman

Attorney-At-Law

Rooms 414-418 Nevada Bank Bldg.
14 Montgomery St., S. F.

The great feature of the interior of the main auditorium will be the octagonal dome, 190 feet in diameter. The steel structure of this dome will be exposed and will present a strong architectural effect. The seating capacity is approximately 11,000. A place has been set aside in the architects' sketch indicating accommodations for 900 banqueters. The eastern and western or minor auditoriums, easily will take care of from 750 to 900 persons each. A kitchen with all necessary appointments is provided for in the basement of the east wing.

On the third and fourth floors there will be committee rooms and exhibition spaces at the eastern and western sides.

The stage or platform will be large enough to meet the average requirements for large concerts. A portable stage made in sections will be provided and stored under the permanent stage when not in use. The structure will be equipped with a magnificent pipe organ.

HOTEL—3 story and base, frame, 12,000. San Francisco. Architect, C. Antoni, 916 Kearny St., S. F. Owner's name withheld. The building will contain a number of single rooms on the upper floors and store and hotel lobby on the first floor. Interior finish will be of pine and redwood. All rooms will be supplied with hot and cold running water. The exterior of the building will probably be covered with clay and rustic. Preliminary plans only have been prepared.

Contracts Awarded.

CHURCH—2 story and base, reinforced concrete, \$50,000. San Francisco. Architect, P. Brouchoud, 521 Bush St., S. F. Owners, French Roman Catholic Church. Contractor, James McLaughlin, 244 Kearny St., concrete work, \$26,000. Note: This is the only contract so far awarded. Plans for the balance of the work are complete and figures will be called for within a short time.

PATENTS

Promptly obtained **OR NO FEE**. Trade-Marks, Copyrights and Labels registered. **TWENTY YEARS' PRACTICE**. Highest references. Send model, sketch or photo, for free report on patentability. All business confidential. **HAND-BOOK FREE**. Explains everything. Tells how to obtain and sell patents. What inventions will pay. How to get a partner, explains best mechanical movements, and contains 300 of our subjects of importance to inventors.

H. B. WILLSON & CO. Patent Attorneys
Box 239 Wilson Bldg. WASHINGTON, D. C.

FACTORY—5 story and base, reinforced concrete, \$120,000. San Francisco. Architect, George William Kelham, Sharon Bldg., S. F. Owners, Gantner & Mattern Co. Contractors, Lindgren & Co., Menadnock Bldg., S. F. Contract price, \$120,000.

Bids Opened For Highway Work.

Bids on Two Projects Were Opened and Referred to Advisory Board. Bids Within Appropriation.

Bids have been opened by the State Highway Commission for ten miles of cement, concrete and bituminized surface road to be constructed in Los Angeles County, between Rancho El Encino and Calabasas. The engineer's estimate on this piece of work was \$61,151 and the three lowest figures were as follows: John D. Marsh, \$55,555; J. H. Considine, \$61,151, and Roger Bros. Co., \$61,359.

Bids for constructing seven and one-half miles of water bound macadam road with a gravel foundation to be built in Mendocino County, between Ukiah and Forsythe Creek, were also opened. The engineer's estimate was \$56,055. Bids were submitted as follows: Sawyer & White, Willits, \$53,313; E. B. and A. L. Stone Co., S. F., \$60,840; Farbanks & Bachtel, Willits, \$67,143, and the Raisch Improvement Co., S. F., \$92,299.

All bids have been referred to the Engineering Advisory Board, which body will take up the matter of awards at its meeting in Sacramento on March 4th.

BUILDING SUPERINTENDENT.

Glacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded

San Francisco.

No.	Owner	Contractor	Amt.
749	Silverstri	Amoroso	2000
750	Same	Same	2000
751	Same	Same	6000
752	Miller	McLeod	2450
753	Same	Same	2450
754	Same	Same	2450
755	Clark	Donlin	5600
757	Koenigsthal	Hanson	3000
758	Depaoli	Devencenzi	1000
759	Berglino	Devencenzi	2000
760	Rippe	Mitchell	200
761	Brin	Munster	1200
762	Brasseur	Roettger	4000
763	Same	Same	4000
764	Italian Bank	Cavaglieri	4000
765	Nye	Bertsch	1500
766	Connors	Connors	3500
767	Benning	Nicol	4000
768	Dugan	W'n Bldg	2500
769	Andreini	Amoroso	3000
770	Santa Fe	Fellows	10000
771	Penzner	Johnson	8000
772	Illie	Dowin	2500
773	Goertz	Miller	4000
774	Curtin	Peterson	21350
775	Capozzi	Saunders	1000
776	Bernstein	Trost	2273
777	Nelson	Moren	4500
778	Phelan	S F Concrete	5500
779	Larsen	Central Iron	800
780	Same	Central	10400
781	Alfred	Alfred	1950
782	Same	Same	1950
783	Woodside	Woodside	1200

E. H. Williams

Chalmers Munday

Munday & Williams

Attorneys-at-Law

Special Attention Given to Building Law and Bankruptcy Cases

Telephone Kearny 2622

615 Phelan Building, San Francisco

784	Woodside	Woodside	1200
785	Hagan	Butcher	5000
786	Roemer	Walton	1500
787	Riley	Fortney	1000
788	Rapovae	Horstmeyer	500
789	Metro Invest	Owner	13000
790	McMahon	McMahon	2400
791	Skahan	Reardon	700
792	Lambert	Lambert	1000
793	Trager	Detmer	1850
794	Golden	Popp	500
795	Kellogg	Grimes	500
796	Orelchis	Ward	1000
797	Scoble	Scoble	5000
798	Scoble	Scoble	5000
799	Tanner	Tanner	400
800	Heyman	Heyman	1900
801	Simi	Demartini	1000
802	Valente	Valente	1350
803	Rowland	Franz	650
804	Becker	Zinkand	500
805	Morgan	McBarnes	1000
806	Montrouil	Montrouil	1200
807	Cal Fr Cannery	Owner	500
808	Duncan	Allen	1400
809	Same	Same	1350
810	Same	Peters	1350
811	Heskins	Anderson	400
812	De Bernardi	Ratto	5000
813	Miller	McLeod	9800
814	Silverstri	Amoroso	6100
815	Krenigsthal	Hanson	3000
816	Voorman	McClenahan	1447
817	Varni	Orri	5275
818	Wilson	McLellan	1400
819	P P I Exp	Judson	8600
820	Same	Judson	9866
821	Same	Healy	39340
822	Bremner	Duebel	2700
823	McElroy	Scully	3000
824	Righetti	Medos	1450
825	Giovanni	Torepino	1000
826	Peters	Peters	2700
827	Popp	Davis	400
828	Segales	Salanave	1000
829	Spurz	Spurz	5500
830	Chiotti	Chiotti	400
831	Odeon	Limmen	400
832	Hexberg	Hexberg	6000
833	Moore	Moore	1900
834	McLaughlin	Gilmour	500
835	Hogrefe	Hogrefe	20000
836	Torrino	Amoroso	4400
837	P P I Exp	O'Brien	8416
838	Larsen	Larsen	41842
839	Gibbort	Gott	1558
840	Gillis	Bagge	11350
841	P P I Exp	Turner	150225
842	Smith	Seagerson	3500
843	Bongiorno	Owner	2500
844	Hornung	Hornung	11000
845	Brown	Day	100000
846	Nelson	Nelson	2000
847	Heyman	Heyman	1550

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San Francisco

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This expense is no longer necessary. Eliminate it entirely by **using a reinforcement which is also a centering.**

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We will be glad to send you a complimentary copy on request. It is a handsome 80-page illustrated book, published for Architects, Engineers and Contractors. It will give you concisely all the facts you want to have regarding "Self-Sentering".

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RIALTO BUILDING,

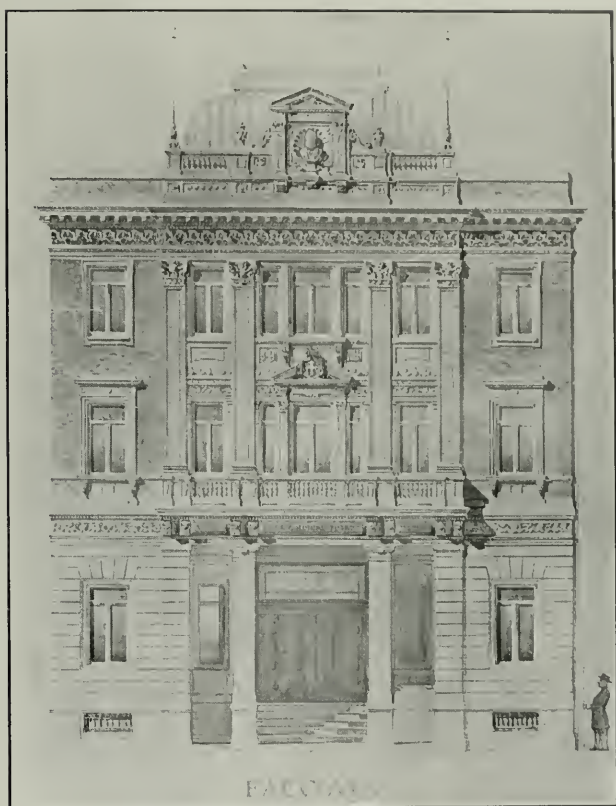
SAN FRANCISCO





NEW SAINT JOSEPH'S CHURCH
San Francisco

John J. Foley, Architect
San Francisco

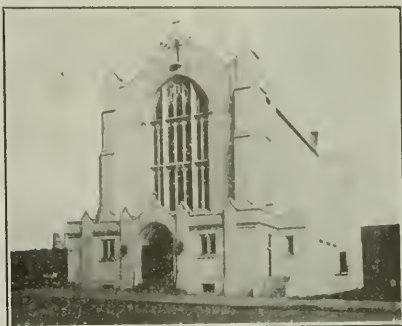


ITALIAN CIVIC BUILDING
San Francisco

Italo Zanolini, Architect
San Francisco



OFFICE PACIFIC TEL. & TEL. CO.
Basement walls 22 ft. high. Cement plastered on inside against severe water pressure. Plaster waterproofed with Imperial Water Proofing.



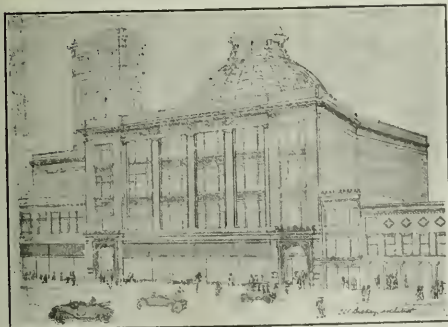
Benj. G. McDougall, Architect.
ST. LUKE'S CHURCH, S. F.
South and east cement walls waterproofed with Imperial Water Proofing. Color effect produced with Imperial Concrete Finish to match stone work of street fronts.



METCALF HOTEL, Geary nr Taylor.
Righetti & Headman, Architects.
Interior walls dampproofed with Imperial Damp Proofing. Exterior walls waterproofed with Imperial Water Proofing. Color effects with Imperial Pigments.



TEMPORARY CITY HALL, San Francisco
Wright, Rushford & Cahill, Architects
Exterior waterproofed with Imperial and color effects with Imperial pigments.



KAHN BROS. DEPARTMENT STORE, OAKLAND
C. W. Dickey, Architect.
Seventy-five thousand sq. ft. basement floor and walls waterproofed with Imperial



GERMAN HOUSE, San Francisco
Frederick H. Meyer, Architect
Stone and terra cotta work treated with Imperial Water Proofing for preserving and to prevent discoloration

A Few of the Buildings on which IMPERIAL WATER PROOFING and IMPERIAL WALL FINISHING Products are used

IMPERIAL COMPANY 183 STEVENSON STREET
San Francisco

- 848 Heyman Heyman 1650
 849 Heyman Heyman 1650
 850 Gibson Gibson 2300
 851 Gibson Gibson 2300
 852 Roebbling Roebbling 2000
 853 Nelson Nelson 2500
 854 Scott McBarnes 4000
 855 Oliver Rednall 8300
 856 Venturi Demartini 2825
 857 Bradd Novelty 400
 858 Chanslor Federal 100
 859 Caravan Ward 500
 860 Gallagher Murray 500
 861 Barossi Barossi 1000
 862 Lyon Black 1000
 863 Brown Brumfield 500
 864 O'Reilly O'Reilly 750
 865 Seller Seller 600
 866 Laneburg Bornholdt 400
 867 Davin Davin 450
 868 Michael Michael 600
 869 Dahlin Dahlin 5000
 870 Pacific Gas Yulie 1275
 871 O'Hair Carlson 5450
 872 St. Luke's Pay Imp 1300
 873 Whitaker Whitaker 500
 874 Fisher Fisher 500
 875 Bradford Lee 1000
 876 Siml Maratti 1000
 877 Lorman Lorman 1000
 878 Dingwall Nelson 2535
 879 Leavitt Elam 19040
- (749) E SONOMA 127-6 N Green. Two story frame flats.
 Owner.....Luigi Silvestri and J. Dito, 11 Sonoma, San Francisco.
 Architect...None.
 Contractor..F. C. Amoroso, 1333 Kearny, San Francisco.
 COST, \$2000
- (750) W KEARNY 127-6 N Green. Three-story & basement frame flats.
 Owner.....Luigi Silvestri and J. Dito, 11 Sonoma, San Francisco.
 Architect...None.
 Contractor..F. C. Amoroso, 1333 Kearny, San Francisco.
 COST, \$3000
- (751) W KEARNY 117-6 S Union. Three-story & basement frame flats.
 Owner.....L. Silvestri and G. Dito, 11 Sonoma, San Francisco.
 Architect...None.
 Contractor..F. C. Amoroso, 1333 Kearny, San Francisco.
 COST, \$6000
- (752) E SANCHEZ 24 S Hill. Two-story and basement frame residence.
 Owner.....John T. Miller, 3819 23rd, San Francisco.
 Architect...None.
 Contractor..Kenneth McLeod, 3611 22d, San Francisco.
 COST, \$2450
- (753) E SANCHEZ 46-6 S Hill. Two-story and basement frame residence.
 Owner.....John T. Miller, 3819 23rd, San Francisco.
 Architect...None.
 Contractor..Kenneth McLeod, 3611 22d, San Francisco.
 COST, \$2450
- (754) E SANCHEZ 69 S Hill. Two-story and basement frame residence.
 Owner.....John T. Miller, 3819 23rd, San Francisco.
 Architect...None.
 Contractor..Kenneth McLeod, 3611 22d, San Francisco.
 COST, \$2450
- (755) E SANCHEZ 91-6 S Hill. Two-story and basement frame residence.
 Owner.....John T. Miller, 3819 23rd, San Francisco.
 Architect...None.
 Contractor..Kenneth McLeod, 3611 22d, San Francisco.
 COST, \$2450
- (756) NOS. 406-408 CLEMENT. Raise apartments and add stores.
 Owner.....Eugene Clark, Agent, 11th Ave and Clement S. E.
 Architect...None.
 Contractor..J. C. Donlin, 309 9th Ave., San Francisco.
 COST, \$5600
- (757) E SAN JOSE 50 S Santa Rosa. Two-story and basement frame store and flats.
 Owner.....Bertha Koelingsthal, King Edward Appmnts, Turk and Jones, San Francisco.
 Architect...None.
 Contractor..R. Hanson, 155 Delano Ave., San Francisco.
 COST, \$3000
- (758) N TAYLOR 48 N Pacific. Three story and basement frame (6) flats.
 Owner.....A. Depauli, 34 Scott Place, San Francisco.
 Architect...J. J. Devenenzi, 1069 Union, San Francisco.
 Contractor..Devenenzi Bros. & Co., 1069 Union, San Francisco.
 COST, \$7000
- (759) S UNION 137 W Jones. Three-story and basement frame (3) flats.
 Owner.....D. Cereghino, 1132 Vallejo, San Francisco.
 Architect...J. J. Devenenzi, 1069 Union, San Francisco.
 Contractor..Devenenzi Bros. & Co., 1069 Union, San Francisco.
 COST, \$7000
- (760) SE TWENTY-FOURTH AND Bivart. Move and add two room to residence.
 Owner.....J. H. Rippe, Premises.
 Architect...None.
 Contractor..Thos. F. Mitchell, 1370 Utah, San Francisco.
 COST, \$1200
- (761) NO. 943 HOWARD. Repair and alter laundry.
 Owner.....Morris Brinn, 801 Sutter, San Francisco.
 Architect...None.
 Contractor..Munster & Bornholdt, 1530 Broderick, S. F.
 COST, \$1200
- (762) N SOUTH PARK 116 W Center Place. Three-story and basement frame flats.
 Owner.....Mrs. Brasseur, 16 Guy Pl., San Francisco.
 Architect...None.
 Contractor..Fred Roettger, 272 12th Ave., San Francisco.
 COST, \$4000
- (763) S TABER PLACE 116 W Center Place. Two-story and basement frame flats.
 Owner.....Mrs. Brasseur, 16 Guy Pl., San Francisco.
 Architect...None.
 Contractor..Fred Roettger, 272 12th Ave., San Francisco.
 COST, \$2800
- (764) SE SACRAMENTO & DUPONT. New roof, erect partitions, metal corners, and cement plaster front.
 Owner.....Italian Bank, Montgomery and Clay, San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Contractor..C. Cavaglieri, 593 Potrero Ave., San Francisco.
 COST, \$4000
- (765) E TWENTY-SIXTH AVE 200 N Clement. One and one-half-story and basement frame dwelling.
 Owner.....Louis H. Nye, 308 4th Ave., San Francisco.
 Architect...None.
 Contractor..Wm. H. Bertsch, 227 High, Oakland.
 COST, \$1500
- (766) SW PAGE AND BRODERICK. Remove foundations and underpinning, new floor, excavate and minor alterations to store.
 Owner.....Anita J. Connors, 812 Humboldt Bank Bldg., S. F.
 Architect...H. I. Coffey, Humboldt Bank Bldg., S. F.
 Day's work.
 COST, \$3500
- (767) SE BUCHANAN AND ELLIS. Alterations and repairs to (10) flats.
 Owner.....A. Benning, 1136 Webster, San Francisco.
 Architect...None.
 Contractor..W. C. Nicoll, 210 4th Ave., San Francisco.
 COST, \$4000
- (768) E STUART 45-10 S Mission. Addition of 12-foot loft to present store.
 Owner.....Jos. B. Duggan and W. J. Yare, 32 Montgomery, S. F.
 Architect...None.
 Contractor..The Western Bldg. & Construction Co., 37 Belvedere, San Francisco.
 COST, \$2500
- (769) E GRANT AVE 70 N Greenwich. Two-story and basement frame flats.
 Owner.....Silvio Andreini, 1416 Grant Ave., Apt. No. 5, S. F.
 Architect...None.
 Contractor..F. C. Amoroso, 1333 Kearny, San Francisco.
 COST, \$3000
- (770) E KENTUCKY 580 N Fourth. Frame addition to freight sheds.
 Owner.....Atchison, Topeka & Santa Fe Railway Co., Foot of 3d, San Francisco.
 Architect...R. E. Wells, Kerkoff Bldg., Los Angeles.
 Contractor..C. A. Fellows, 500 Central Bldg., Los Angeles.
 COST, \$10,000
- (771) S JACKSON 82-6 W Jones. Three story and basement frame (6) flats.
 Owner.....A. Penziner, 2981 26th, San Francisco.
 Architect...None.
 Contractor..Johnson & Hatland, 1513 Church, San Francisco.
 COST, \$5000
- (772) SW EIGHTEENTH AND VAL-encia. Repair fire damage.
 Owner.....Mrs. Katrine Illic, Prem.
 Architect...None.
 Contractor..J. C. Dowlin, 309 9th Ave., San Francisco.
 COST, \$2500
- (773) S CALIFORNIA 32 W 30th Ave. Two-story and basement frame flats.
 Owner.....H. H. Goertz, 1039 Valencia, San Francisco.
 Architect...S. B. Mertis, 378 21st Ave., San Francisco.
 Contractor..Chris Miller, 5620 California, San Francisco.
 COST, \$4000
- (774) NE TWENTY-FOURTH AND Castro. Four-story and basement frame (12) apartments.

(767) Daniel Curtin, 24th and Castro, San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Contractor...Einar Peterson, 3213 Mission, San Francisco.
 COST, \$21,350

(75) S SAGAMORE 115 E Capitol Ave. All work for one-story frame cottage.
 Owner...Jno. Capozzi, 159 Sagamore San Francisco.
 Architect...None.

Contractor...A. Sauer, 167 Sadowa, San Francisco.

Filed Mar. 3, '13. Dated Feb. 28, '13.
 Frame up\$312.50
 Enclosed and rough plaster on 312.50
 Completed 312.50
 Usual 35 days..... 312.50

TOTAL COST, \$1250.00
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—The above was first reported March 3rd, No. 731

(776) E BRYANT 208 N 25th. All work for one-story and basement frame residence.

Owner...Geo. O. and Mrs. G. Berntsen, 123 Peralta Ave., S. F.
 Designer...E. J. McColgan.

Contractor...McColgan & Trost, 1721 Alabama, S. F.

Filed Mar. 3, '13. Dated Feb. 21, '13.
 Roof on\$593 25
 Brown coated 593 25
 Completed 593 25
 When shown clean receipted bill of all materials and sub-contractors 593 25

TOTAL COST, \$2373 00
 Bond, limit, forfeit, none. Plans and specifications filed.

(777) E SEVENTH AVE 276 S Cabrillo S 25x E 120. All work except plumbing, gas fitting, sewerage, parlor mantels, gas fixtures, shades and painting for two-story and rough basement frame flats.

Owner...Peter and Lena C. Nelson, 220 Eureka, San Francisco

Architect...M. J. Welsh, 22nd and Mission, San Francisco.

Contractor...G. G. Moren, 125 Falcon Ave., San Francisco.

Filed Mar. 3, '13. Dated Feb. 27, '13.
 Frame up\$1130
 Brown coated 1130
 Completed 1130
 Usual 35 days..... 1130

TOTAL COST, \$4520
 Bond, \$2260. Surety, Massachusetts Bonding & Insurance Co. Limit, 75 days after Mar. 4. Forfeit, \$1. Plans and specifications filed.

(778) W FOURTH & JESSIE NW 75 xSW 75. Plain and reinforced concrete work, reinforcing steel for same, pumping, drainage, bulkheading, side walks, setting of granite curbing, etc., and water proofing for eight-story and basement Class "C" building.

Owner...Mary L. Phelan.
 Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.

Contractor...San Francisco Concrete Co. Humboldt Bk Bldg., S. F.

Filed Mar. 3, '13. Dated Feb. 27, '13.
 Payments on 1st and 15th of each month of 75%
 Usual 35 days..... 25%

TOTAL COST, \$5800

Bond, 2900. Surety, American Surety Co. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(779) SE POST AND JONES S 60x 70-6. All work for two fire escapes for six-story steel frame apartment building.

Owner...Niels Larsen.
 Architect...Ross & Burgren, 310 California, San Francisco.

Contractor...Central Iron Works, 651 Florida, San Francisco.

Filed Mar. 3, '13. Dated Feb. 26, '13.

On completion and acceptance...\$800

TOTAL COST, \$800

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(780) STRUCTURAL IRON, CAST iron, cornice brackets, joist anchors and steel frames for bay windows, reinforced rods for brick work only on above.

Contractor...Central Iron Works, 651 Florida, San Francisco.

Filed Mar. 3, '13. Dated Feb. 26, '13.

2nd story joists in.....\$2600

4th story joists in..... 2600

Completed and accepted..... 2600

Usual 35 days..... 2600

TOTAL COST, \$10,400

Bond, \$5600. Sureties, Natale Olivotti and Geo. S. Green. Limit, forfeit, none. Plans and specifications filed.

(781) NW JOOST AND BADEN. One-story and basement frame dwelling.

Owner...C. S. Allred, 131 Edna, S. F.
 Architect...None.

Day's work..... COST, \$1950

(782) N JOOST 33-4 W Baden. One-story and basement frame dwelling.

Owner...C. S. Allred, 131 Edna, S. F.
 Architect...None.

Day's work..... COST, \$1950

(783) W PUTNAM 50 N Jefferson. One and one-half-story and basement frame residence.

Owner...Margaret C. Woodside, 1016 Grand, Alameda.

Architect...National Architectural & Engineering Co., Foxcroft Bldg., San Francisco.

Day's work..... COST, \$1200

(784) W PUTNAM 75 N Jefferson. One and one-half-story and basement frame residence.

Owner...Margaret C. Woodside, 1016 Grand, Alameda.

Architect...National Architectural & Engineering Co., Foxcroft Bldg., San Francisco.

Day's work..... COST, \$1200

(785) W BRENNHAM PLACE 77 N Clay Two-story and basement brick residence and store.

Owner...Joseph Hagan, 1710 Sacramento, San Francisco.

Architect...Joseph Hagan.

Contractor...Butcher & Hadley, 180 Jessie, San Francisco.

COST, \$5000

(786) E OTSEGO 78-9 S San Ysabel. One-story and basement frame residence.

Owner...Roemer & Walton, 41 Guerrero, San Francisco.

Architect...None.

Contractor...Fred A. Roemer, 41 Guerrero, San Francisco.

COST, \$1950

(787) W BELLAIR 175 N Whiter. One-story and basement dwelling.

Owner...Wm. Riley, 319 Church, San Francisco.

Architect...None.

Contractor...Louis Fortney, 22nd and Ulloa, San Francisco.

COST, \$1000

(788) NO. 1160 PACIFIC. Add one room.

Owner...S. Rapovac, Premises.

Architect...None.

Contractor...Wm. Horstmeier Co., 39 Eureka, San Francisco.

COST, \$500

(789) S CLAY 131-9 W Larkin. Three story and basement frame (12) apartments.

Owner...Metropolis Investment Co., 332 Bush, San Francisco.

Architect...Dunn & Kearns, Monadnock Bldg., San Francisco.

Day's work..... COST, \$13,000

(790) W BANKS 200 N Eugenia. Two story frame flats.

Owner...Mrs. Lusanna McMahon, 657 Guerrero, S. F.

Architect...Adams & David, 325 Bush, San Francisco.

Contractor...James McMahon, 657 Guerrero, San Francisco.

COST, \$2400

(791) NO. 2837 BAKER. Add and repair residence.

Owner...Mrs. M. Skahan, Premises.

Architect...None.

Contractor...P. J. Reardon, Premises.

COST, \$700

(792) W NAPLES 50 S Brunswick. One-story and basement frame residence.

Owner...C. W. Lambert, 830 Turk, San Francisco.

Architect...John F. Hauer, 3579 19th, San Francisco.

Day's work..... COST, \$1000

(793) — SURREY 53 E Swiss. One-story and basement frame residence.

Owner...F. Brauer, 642 Hayes, S. F.

Architect...None.

Contractor...W. A. Dettmer, 1342-A Stevenson, San Francisco.

COST, \$1850

(794) NOS. 738-40 MARKET. Install baker's oven.

Owner...Golden Poppy, Premises.

Architect...None.

Contractor...J. H. Eisenhart, 321 Phelan Bldg., San Francisco.

COST, \$600

(795) NO. 1230 WASHINGTON. Erect partition, porch and install windows and doors.

Owner...Mrs. F. S. Kellogg, Premises.

Architect...None.

Contractor...John Grimes, 116 Battery, San Francisco.

COST, \$500

(796) CALIFORNIA AND MASON. Repair joint on concrete blocks.

Owner...Mrs. Orelchs, New York.

Architect...None.

Contractor...Ward & Goodwin, 110 Jessie, San Francisco.

COST, \$1000

(797) S LAKE 60 E 25th Ave. Two-story and basement frame residence.

Owner...Thos. Scoble, 363 14th Ave. San Francisco.

- Architect... E. E. Young, 251 Kearny, San Francisco.
Day's work... COST, \$5000
- (798) S LAKE 30 E 25th Ave. Two-story and basement frame residence. Owner... Thos. Scoble, 363 14th Ave San Francisco.
Architect... E. E. Young, 51 Kearny, San Francisco.
Day's work... COST, \$5000
- (799) W BERLIN 125 N Harkness. One-story frame dwelling. Owner... Chas. F. Tanner, 655 Natoma, San Francisco.
Architect... None.
Day's work... COST, \$400
- (800) E TWENTY-FOURTH AVE 125 N Irving. One and one-half-story and basement frame dwelling. Owner... Oscar Heyman, 742 Market San Francisco.
Architect... None.
Day's work... COST, \$1900
- (801) S BAY 251 E Taylor. One-story frame store. Owner... P. Simi.
Architect... Paul F. De Martini, 451 Columbus Ave., S. F.
Contractor... P. Demartini, 2869 Octavia San Francisco.
COST, \$1000
- (802) W GOUGH 90 N Lombard. Move and repair store. Owner... G. Valente, 3100 Gough, San Francisco.
Architect... None.
Day's work... COST, \$500
- (803) NE MISSION AND SIXTH. Repair fire damage. Owner... Mary Rowland, 634 Haight, San Francisco.
Architect... None.
Contractor... Val Franz, 180 Jessie, S. F.
COST, \$650
- (804) NO. 1110 STANYAN. Garage in basement. Owner... Mrs. C. Becker, Promises.
Architect... None.
Contractor... Ed. Zinkand & Son, 434 10th Ave., San Francisco.
COST, \$500
- (805) NOS. 729-31-33 CORTLAND AVE. Alter three store fronts. Owner... Morgan & Davis Co., Prem.
Architect... None.
Contractor... A. McBurnes, 1536 Haight, San Francisco.
COST, \$1000
- (806) E ANDOVER 75 S Eugenia. One-story and basement frame dwlg. Owner... P. W. Montrouil, 255 Monttrie, San Francisco.
Architect... None.
Day's work... COST, \$1200
- (807) SE TAYLOR & VANDEWATER. Enclose boiler room. Owner... California Fruit Cannery Ass'n, 120 Market, S. F.
Architect... None.
Day's work... COST, \$500
- (808) E CURTIS 180 S Rolph. One-story and basement frame dwlg. Owner... Arthur G. Duncan, 525 Crocker Bldg., S. F.
Architect... None.
- Contractor... Allen Bros., 4523 Mission, San Francisco.
COST, \$1400
- (809) E CURTIS 94 S Rolph. One-story and basement dwelling. Owner... Arthur G. Duncan, 525 Crocker Bldg., S. F.
Architect... None.
Contractor... Allen Bros., 4523 Mission, San Francisco.
COST, \$1350
- (810) E CURTIS 156 S Rolph. One-story and basement frame dwlg. Owner... Arthur G. Duncan, 525 Crocker Bldg., S. F.
Architect... None.
Contractor... Allen Bros., 4523 Mission, San Francisco.
COST, \$1350
- (811) NO. 38 EDDY. Repair front and interior of store. Owner... B. Heskins, 1616 Broderick San Francisco.
Architect... None.
Contractor... Anderson & Bloom, 1207 Scott, San Francisco.
COST, \$400
- (812) E STOCKTON 112-6 N Greenwich. Three-story and basement frame flats. Own F... Paul De Bernardi, 1720 Stockton, San Francisco.
Architect... C. O. Clausen, Phelan Bldg San Francisco.
Contractor... Ratto & Giannini, 232 Hartford, San Francisco.
COST, \$5000
- (813) E SANCHEZ 24 S Hill 90x76-5. All work for four 6-room houses. Owner... John T. Miller, 3819 23rd, San Francisco.
Architect... Kenneth McLeod.
Contractor... Kenneth McLeod, 3611 22d San Francisco.
Filed Mar. 4, '13. Dated Mar. 1, '13.
Frames up and enclosed... \$2450
Brown coated... 2450
Completed and accepted... 2450
Usual 35 days... 2450
TOTAL COST, \$9800
Bond, none. Limit, 90 days after Feb. 24. Forfeit, none. Plans and specifications filed.
NOTE:—Above first reported March 4th Nos. 752, 753, 754, 755.
- (814) W KEARNY 117-6 S Union 20x30. All work for three-story and two-story frame and basement flats. Owner... Vincenzo Dito and Luigi Silvestri, 11 Sonoma, S. F.
Archite... None.
Contractor... F. C. Amoroso, 123 Kearny San Francisco.
Filed Mar. 4, '13. Dated Feb. 20, '13.
Frames up... \$1525
Brown coated... 1525
Completed and accepted... 1525
Usual 35 days... 1525
TOTAL COST, \$6100
Bond, \$3050. Surety, National Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE:—Above first reported March 4th, Nos. 750 and 751.
- (815) E SAN JOSE AVE 50 S Santa Rosa Ave. Lot 3 Bk "D" Mission Terrace Tract. All work for two-story frame store and dwelling. Owner... Morris & Bertha Koenigs- thal, King Edward Apts., Turk and Jones, S. F.
- Plans by... F. A. Hanson, 155 Delano Ave., San Francisco.
Contractor... R. Hanson, 155 Delano Ave. San Francisco.
Filed Mar. 4, '13. Dated Feb. 28, '13.
1st floor joists laid... \$250
Frame up... 500
Brown coated... 750
Accepted... 750
Usual 35 days... 750
TOTAL COST, \$3000
Bond, none. Limit, 60 days after Mar. 1. Forfeit, none. Plans and specifications filed.
NOTE:—Above first reported March 4th, No. 757.
- (816) NE MISSION AND FOURTH N 80x E 80. Concrete and cement work now remaining to be done for seven-story and basement Class "C" store and hotel building. Owner... The Voorman Co., 110 Market, San Francisco.
Architect... Washington J. Miller, 45 Kearny, San Francisco.
Contractor... T. W. McClenahan & Co., 254 Downey, S. F.
Filed Mar. 4, '13. Dated Mar. 3, '13.
Payments as work progresses... 75%
Usual 35 days... 25%
TOTAL COST, \$1447
Bond, \$724. Surety, American Surety Co. Limit, without delay. Forfeit, none. Plans and specifications filed.
- (817) N CRESCENT AVE 175 W Mission 25x100. All work for two-story and basement frame flats. Owner... Teresa Varni.
Architect... Louis Mastropasqua, 550 Washington, S. F.
Contractor... G. Orri and F. Marschaleck Filed Mar. 4, '13. Dated Feb. 27, '13.
Frame up and roof on... \$1318
Brown coated... 1318
Completed and accepted... 1318
Usual 35 days... 1321
TOTAL COST, \$5275
Bond, \$2638. Surety, Guardian Casualty & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (818) E MASON, bet O'Farrell and Geary. Metal furring, lathing and corner beads for building. Owner... Wm. F. Wilson by Bradley & O'Reilly.
Architect... None.
Contractor... R. McLelland, Menadnock Bldg., San Francisco.
Filed Mar. 4, '13. Dated Dec. 20, '12
Payments on 1st of each month 75%
Usual 35 days... 25%
TOTAL COST, \$4400
Bond, limit, forfeit, none. Plans and specifications, none.
- (819) EXPOSITION SITE. Fabricating and furnishing structural steel for freight apron. Owner... Panama-Pacific International Exposition Co.
Engineer... Howard C. Holmes.
Contractor... Judson Mfg. Co., 819 Folsom, San Francisco.
Filed Mar. 4, '13. Dated Feb. 24, '13.
Payments as work progresses 75%
Usual 35 days... 25%
TOTAL COST, \$8609
Bond, \$4500. Surety, Pacific Coast Casualty Co. Limit, 65 days. Forfeit, \$10. Plans and specifications filed.
- (820) FURNISHING AND ERECTING hydraulic plant complete for operating freight apron. Contractor... Vulcan Iron Works, Francisco and Kearny, S. F.

led Mar. 4, '13. Dated Feb. 19, '13.

Payments same as above.....
TOTAL COST, \$9866
 Bond, \$5000. Surety, Equitable Surety
 Co. Limit, 60 days after notification.
 Forfeit, \$10. Plans and specifications
 filed.

(21) CONSTRUCTION OF FREIGHT
 slip and approach thereto on above.
 Contractor.....Healy-Tibbitts Constr. Co.,
 9 Main, San Francisco.

led Mar. 4, '13. Dated Feb. 25, '13.
 Payments same as above.....
TOTAL COST, \$29,340
 Bond, \$20,000. Surety, Globe Indemnity
 Co. Limit, 120 days. Forfeit, \$25.
 Plans and specifications filed.

(22) SE FOURTH AVE AND IRVING
 Two-story and basement frame residence.
 Owner.....Braner Land Co., Newhall
 Bldg., San Francisco.
 Architect.....None.
 Contractor.....Chas. Duebel & Co., 224 1st
 San Francisco.
COST, \$2875

(23) S HOWARD 462-6 W Third.
 One-story frame store building.
 Owner.....R. W. McElroy, 696 Phelan
 Bldg., S. F.
 Architect.....Jos. A. Leonard, Phelan
 Bldg., San Francisco.
 Contractor.....J. E. Scully, 696 Phelan
 Bldg., San Francisco.
COST, \$3000

(24) E HIMMELMAN 150 N Pacific.
 Two-story and basement frame flats.
 Owner.....Frank Righetti, 33 Sal-
 mon, San Francisco.
 Architect.....None.
 Contractor.....L. Medos, 62 Salmon, S. F.
COST, \$1450

(25) E SUNNYSIDE 125 S Detroit.
 Two-story and basement frame dwlg.
 Owner.....G. Giovanni, 425 Sunnyside
 Ave., San Francisco.
 Architect.....None.
 Contractor.....B. G. Torepio, 435 Colum-
 bus, San Francisco.
COST, \$1000

(26) E TWENTIETH AVE 225 N
 Clement. Two-story and basement
 frame residence.
 Owner.....J. M. Peters, 1610 Balboa,
 San Francisco.
 Architect.....None.
 Day's work.....
COST, \$2700

(27) NO. 2356 MISSION. Electric
 sign.
 Owner.....Poppy Drug Co., Premises.
 Architect.....None.
 Contractor.....Davis Elec. Sign Co.
COST, \$400

(28) NO. 463 BRYANT. Erect parti-
 tion and finish flat.
 Owner.....Chas. Segalas & J. Plante,
 Premises.
 Architect.....Oliver Everett, 1940 Web-
 ster, San Francisco.
 Contractor.....J. J. Salanave, 931 Pacific,
 San Francisco.
COST \$1000

(29) N HARRISON 113 E 6th. Three
 story and basement frame (3) flats.
 Owner.....G. Spitz, 232-A Langton,
 San Francisco.
 Architect.....None.
 Day's work.....
COST, \$5500

(30) W THIRTY-THIRD AVE 100 N
 Howes. One-story and basement
 dwelling.
 Owner.....G. Chioiti, 919 33rd Ave.,
 South, San Francisco.
 Architect.....None.
 Day's work.....
Cost, \$400

(31) EDDY AND MARKET. Install
 entrance doors.
 Owner.....Odeon Cafe Inc., Premises.
 Architect.....None.
 Contractor.....John Simmen & Co., 64
 Rausch, San Francisco.
COST, \$400

(32) N LIBERTY 50 E Church. Three
 story and basement frame (3) flats.
 Owner.....Caspar Hexberg, 2079-B
 15th, San Francisco.
 Architect.....None.
 Day's work.....
COST, \$6000

(33) E EDINBURGH 175 N East Bay
 Boulevard. One-story and basement
 dwelling.
 Owner.....Wm. L. Moore, 520 Crocker
 Bldg., San Francisco.
 Architect.....None.
 Day's work.....
COST, \$1900

(34) NO. 142 CLIPPER. Add new
 front and foundation.
 Owner.....D. McLoughlin, Premises.
 Architect.....None.
 Contractor.....Geo. D. Gilmour, 2376
 Howard, San Francisco.
COST, \$500

(35) NE UNION AND VAN NESS.
 Three-story and basement frame
 (11) apartments.
 Owner.....Herman Hogrefe, 1950
 Hyde, San Francisco.
 Architect.....E. E. Young, 251 Kearny,
 San Francisco.
COST, \$20,000
 Day's work.....

(36) E VARENNES 57-6 N Union 29
 x57-6. All work, except gas fixtures
 and window shades for three-story
 and basement frame flats.
 Owner.....Antonio Torrano & Gui-
 seppe Ruggiero, 380 Green,
 San Francisco.
 Architect.....None.
 Contractor.....F. C. Amoroso, 1333 Kear-
 ny, San Francisco.

Filed Mar. 5, '13. Dated Feb. 17, '13.
 Frame up\$1100
 Brown coated 1100
 Completed and accepted..... 1100
 Usual 35 days..... 1100
TOTAL COST, \$4400
 Bond, \$2200. Surety, National Surety
 Co. Limit, 90 days after March 1, '13.
 Forfeit, none. Plans and specifications
 filed.

(37) EXPOSITION SITE. Conduit
 system for Concessions, State and
 Foreign sites.
 Owner.....Panama-Pacific Interna-
 tional Exposition Co.
 Architect.....None.
 Contractor.....Jos. H. O'Brien, Merchants'
 National Bank Bldg., S. F.
 Filed Mar. 5, '13. Dated ---
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$4800
 Bond, \$5000. Surety, Fidelity & De-
 posit Co. of Maryland. Limit, 90 days.
 Forfeit, \$10. Plans and specifications
 filed.

(38) SE JONES AND POST S 60XE
 70-6. Carpenter, mill, roofing, pipes,

castings, marble and tile, deafening
 stairs, glass, rough hardware, lathing
 and plaster, cementing, plumbing,
 gas fitting, sewerling, painting, steam
 heating, tin, galvanized iron for six-
 story and basement steel frame and
 brick stores and apartments.
 Owner.....Niels Larsen, 62 Post, S. F.
 Architect.....Ross & Burken, 310 Cali-
 fornia, San Francisco.
 Contractor.....J. C. and Chris Larsen, 62
 Post, San Francisco.

Filed Mar. 5, '13. Dated Mar. 4, '13.
 6th story joists in place.....\$3000
 Ready for lathing..... 5000
 Brown coated 5000
 White coated 6000
 Wood work primed..... 6000
 Completed and accepted..... 6350
 Usual 35 days 19462
TOTAL COST, \$11,842

Bond, \$20,921. Sureties, Henry Wilson
 and A. B. Johnson. Limit, 150 days.
 Forfeit, \$20. Plans and specifications
 filed.

(39) S WASHINGTON 100 E First
 Ave & 28-54 SS 127-84 WA Bk 849.
 Concrete, brick, carpenter, electric
 work, etc., for alterations and addi-
 tions to residence.

Owner.....Dr. Morton R. Gibbons, 350
 Post, San Francisco.
 Architect.....Loring P. Rixford, Mills
 Bldg., San Francisco.
 Contractor.....Willis L. Gott, 229 11th
 Ave., San Francisco.

Filed Mar. 5, '13. Dated Feb. 28, '13.
 Frame up and rough plastering
 finished\$584
 Completed and accepted..... 584
 Usual 35 days..... 390
TOTAL COST, \$1558

Bond, none. Limit, 50 days. Forfeit,
 none. Plans only filed.

(40) SE NINETEENTH AND VAL-
 encia S 60XE 80. Alterations and addi-
 tions to three-story frame stores
 and apartments.

Owner.....Claude E. and Kenneth C.
 Gillis, Alaska-Commercial
 Bldg., San Francisco.
 Architect.....Phillip Overman, Shreve
 Bldg., San Francisco.
 Contractor.....W. H. Bagge, 1256 Stanyan
 San Francisco.

Filed Mar. 5, '13. Dated Feb. 25, '13.
 3rd floor joists on\$1790 00
 Roof on 1790 00
 Brown coated 1790 00
 Standing finish on 1790 00
 Interior finish completed..... 1790 00
 Accepted 1812 50
 Usual 35 days..... 3587 50
TOTAL COST, \$14,350 00

Bond, \$1715. Surety, The Aetna Acci-
 dent & Liability Co. Limit, 100 days.
 Forfeit, \$10. Plans and specifications
 filed.

(41) EXPOSITION SITE. High pres-
 sure water supply system.
 Owner.....Panama-Pacific Interna-
 tional Exposition Co.

Architect.....None.
 Contractor.....The Turner Co., 278 Na-
 toma, San Francisco.

Filed Mar. 5, '13. Dated Feb. 20, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$150,225

Bond \$80,000. Surety, Guardian Casu-
 alty & Guaranty Co. Limit, 225 days.
 Forfeit, \$100. Plans and specifications
 filed.

(42) SE SHAWER 204 SW cond
 SW 20-55E 75. All work for two-

story and basement frame (4) flats.
Owner.....John W. Smith 25 Fair
Oaks, San Francisco.
Architect...None.

Contractor...Sekerson Bros., 308 Guernsey,
San Francisco.
Filed Mar. 5 '13. Dated Mar. 5, '13.

Frame up 1
Brown coated 1
Completed and accepted..... 4
Usual 35 days..... 24
TOTAL COST, \$3800

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(813) NO. 2181 UNION. Excavate
basement, raise and alter into (2)
flats.

Owner.....L. Boggione, 422 Mont-
gomery, San Francisco.
Architect...Righetti & Headman,
Phelan Bldg., S. F.

Day's work. COST, \$2500

(814) SW SIXTEENTH AND DEHON.
Three-story and basement frame (10)
apartments.

Owner.....C. F. Hornung, 422 Church,
San Francisco.
Architect...Rhodes & Marish, 3372
16th, San Francisco.

Day's work. COST, \$11,000

(815) S POST 137-6 W Mason. Six
story and basement brick and steel
store and hotel.

Owner.....Florence A. Brown, 125
Sutter, San Francisco.
Architect...Creighton Withers, 125
Sutter, San Francisco.

Engineers...Lenord & Day.

STEEL WORK, Ralston Iron Works,
20th and Indiana, S. F.

CONCRETE, Foster-Vogt Co., Hearst
Bldg., San Francisco.

TERRA COTTA, Stelger Terra Cotta
Co., Mills Bldg., San Francisco.
Day's work. COST, \$100,000

(816) E COLE 25-S N Carmel. Two-
story and basement frame dwelling.

Owner.....N. J. Nelson, 4278 23rd,
San Francisco.
Architect...None.

Day's work. COST, \$2000

(817) W PENNSYLVANIA 75 S 19th.
One and one-half-story and basement
frame dwelling.

Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.

Day's work. COST, \$1650

(818) W PENNSYLVANIA 100 S 19th.
One and one-half-story and basement
frame dwelling.

Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.

Day's work. COST, \$1650

(819) W PENNSYLVANIA 125 S 19th.
One and one-half-story and basement
frame dwelling.

Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.

Day's work. COST, \$1650

(820) W CROWN TERRACE 161 S
Clarendon. Two-story and basement
frame residence.

Owner.....Theodore Gibson, 355 Fair
Oaks, San Francisco.
Architect...None.

Day's work. COST, \$2300

(821) W FOUT 85 S Clarendon. Two-
story and basement frame residence.
Owner.....Theodore Gibson, 355 Fair
Oaks, San Francisco.

Architect...None.
Day's work. COST, \$2900

(822) E CONVERSE 200 N Bryant.
Addition of two-story frame to ware-
house.

Owner.....Roebbling Constr. Co., 624
Crocker Bldg., S. F.
Architect...None.

Day's work. COST, \$2000

(823) E ELEVENTH AVE 95 N Ful-
ton. Two-story and basement frame
residence.

Owner.....Fernando Nelson, 30 Pre-
sidio Terrace, S. F.
Architect...None.

Day's work. COST, \$3500

(824) S RIVERDA 60 E 18th. Two-
story and basement frame dwlg.

Owner.....Dr. Catherine V. C. Scott,
Phelan Bldg., S. F.
Architect...McDougall Bros., 353 Russ
Bldg., San Francisco.

Contractor...A. McBurnes, 1536 Haight,
San Francisco.
COST, \$4000

(825) S UNION 220 W Broderick W
27-6x8 37-6. All work for two-story
frame flats.

Owner.....Dr. H. R. Oliver, Butler
Bldg., San Francisco.
Architect...None.

Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco.

Filed Mar. 6 '13. Dated Mar. 6, '13.
Frame up and rafters set.....\$1600
Brown coated 1600

2nd coat plaster on..... 1300
Completed 2100
Usual 35 days..... 2300

TOTAL COST, \$5900
Bond, \$4450. Sureties, O. P. Sites and
F. H. Ellis. Limit, 120 days. Forfeit,
\$.50. Plans and specifications filed

(826) N FILBERT 90 E Octavia E 30x
N 111. All work except painting,
pumping, mantel, shades and chandel-
iers for two-story frame store and
flats.

Owner.....T. Venturi, 526 Columbus
Ave., San Francisco.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.

Contractor...Paul Demartin, 2869 Oc-
tavia, San Francisco.

Filed Mar. 6 '13. Dated Mar. 6, '13.
Rough frame up\$500
Brown coated 600

Completed and accepted..... 700
Usual 35 days..... 825

TOTAL COST, \$2625
Bond, Guaranty bond in favor of own-
er. Sureties, Jas. Cantley and A. P.
Giannini. Limit, 70 days. Forfeit, \$.2.
Plans and specifications filed.

(827) NO. 272 MARKET. Electric sign
Owner.....Arthur Brand, Premises.
Architect...None.

Contractor...Novelty Elec. Sign Co., 165
Edgy, San Francisco.
COST, \$400

(828) SE VAN NESS AVE & SUTTER.
Electric sign.

Owner.....Chandler & Lyon, Prem.
Architect...None.

Contractor...Federal Elec. Sign Co., 257
8th, San Francisco.
COST, \$400

(829) NO. 743 ASHBURY. Install
doors and new floors.

Owner.....M. Caravan, 3761 23d, S. F.
Architect...None.
Contractor...Ward & Goodwin, 110
Jessie, San Francisco.
COST, \$500

(860) NO. 1867 HOWARD. Repair
dwelling and put on new roof.

Owner.....A. F. Gallagher, 1256 Mar-
ket, San Francisco.
Architect...None.

Contractor...J. J. Murray, 55 Buena
Vista Terrace, S. F.
COST, \$500

(861) S LOMBARD 220 N Jones. One-
story and basement frame residence.

Owner.....G. E. Barossi, 1249 1/2 Grant
Ave., San Francisco.
Architect...Louis Mastropasqua, 580
Washington, San Francisco

Day's work. COST, \$1000

(862) NO. 660 MARKET. Erect mar-
quise.

Owner.....Lyon & Hoag, Premises.
Architect...Havens & Toepke, 46
Kearny, San Francisco.

Contractor...W. J. Black.
COST, \$1000

(863) NO. 2961 SIXTEENTH. Electric
sign.

Owner.....C. H. Brown & Co., Prem.
Architect...None.

Contractor...Brumfield Elec. Co., 18 7th
San Francisco.
COST, \$500

(864) NO. 2410 GEARY. Alter flats
and new front.

Owner.....S. O'Reilly Estate, City En-
gineer's Office, S. F.
Architect...None.

Day's work. COST, \$750

(865) W HEAD 375 S Randolph. One-
story and basement frame dwelling.

Owner.....A. Seller, 218 Breite, S. F.
Architect...None.

Day's work. COST, \$600

(866) NO. 54 SECOND. Alter saloon.

Owner.....Henry Luneburg, 367 Ful-
ton, San Francisco.
Architect...None.

Contractor...Munster & Bornholdt, 1530
Broderick, S. F.
COST, \$400

(867) NO. 553 LAIDLEY. Additions
and alterations to dwelling.

Owner.....M. Davin, 536 Chenery,
San Francisco.
Architect...None.

Day's work. COST, \$450

(868) S NIAGARA 53-6 W San Jose
Ave. One-story and basement frame
dwelling.

Owner.....Wm. Michaels, 732 Ander-
son, San Francisco.
Architect...None.

Day's work. COST, \$600

(869) SW SIXTH AVE AND JUDAH.
Two-story and basement frame store
and flats.

Owner.....John Dahlin, 127 Judah S. F.
Architect...None.

Day's work. COST, \$5000

(870) W MEACHAM PLACE 74-6 S
Post St 62-6xW 54. Brick setting for
setting three Babcock and Wilcox
boilers for boiler plant.

Owner.....Pacific Gas & Elec. Co.

445 Sutter, San Francisco.
 Architect...None.
 Contractor...N. B. Yullie.
 Filed Mar. 7, '13. Dated —.
 On completion 75%
 Usual 35 days 25%
TOTAL COST, \$1275
 Bond, \$640. Surety, Massachusetts
 Bonding & Insurance Co. Limit, 5
 weeks. Forfeit, none. Plans and spec-
 ifications filed.

(71) S GROVE 165 E Shrader S 137-6
 NE 25. All work for two-story frame
 flats.
 Owner.....Jno. O'Hair, 1035 Hamp-
 shire, San Francisco.
 Architect...None.
 Contractor...N. A. Carlson, 926 Potrero
 Ave., San Francisco.
 Filed Mar. 7, '13. Dated Mar. 5, '13.
 Building up and roof boards on 4
 Enclosed and brown coated..... 4
 Completed 4
 Usual 35 days 4
TOTAL COST, \$5450
 Bond, \$2725. Sureties, A. L. Bowley &
 Edwin T. Peterson. Limit, 90 days
 after March 6. Forfeit, none. Plans
 and specifications filed.

(72) BLK BDED BY ARMY, VAL-
 encia, Duncan and San Jose Ave.
 Asphalt paving of ambulance cor-
 ridor and driveway to San Jose Ave. line,
 etc., for building.
 Owner.....St. Luke's Hospital.
 Architect...Lewis P. Hobart, Crocker
 Bldg., San Francisco.
 Contractor...The Fay Improvement Co.,
 Phelan Bldg., S. F.
 Filed Mar. 7, '13. Dated Mar. 1, '13.
 When completed 15%
 Usual 35 days 25%
TOTAL COST, \$1300
 Bond, \$650. Surety, Globe Indemnity
 Co. Limit, 2 weeks. Forfeit, none.
 Plans and specifications filed.

(73) NE FRANCE 75 SE Edinburgh.
 One-story and basement frame dwg.
 Owner.....J. S. Whitaker.
 Architect...None.
 Day's work **COST, \$500**

(74) NOS. 56-58-60 STANYAN. Minor
 repairs to flats.
 Owner.....John Fisher, 38 Stanyan,
 San Francisco.
 Architect...E. A. Neumarkel, 918 Mar-
 ket, San Francisco.
 Day's work **COST, \$500**

(75) NO. 33 POWELL. Erect mezza-
 nine floor.
 Owner.....F. Bradford, Bachelors'
 Hotel, San Francisco.
 Architect...M. R. Coulter, 46 Kearny,
 San Francisco.
 Contractor...Pierson & Lee, 180 Jessie,
 San Francisco
COST, \$1000

(76) NO. 1801 POWELL. Alter saloon
 Owner.....A. Simi, Premises.
 Architect...None.
 Contractor...E. Baratti & Co., 1842
 Powell, San Francisco.
COST, \$1000

(77) E HYDE 110 S Sacramento.
 Three-story and basement frame (12)
 apartments.
 Owner.....F. W. Lormann, 1760 Hyde,
 San Francisco.
 Architect...None.
 Day's work **COST, \$14,000**

(87A) W TENTH AVE 150 S "M"
 (Moraga). All work for one and one-
 half-story frame residence.
 Owner.....Geo. Dingwall, 1729 10th
 Ave., San Francisco.
 Architect...None.
 Contractor...Emil Nelson, 580 Jersey,
 San Francisco.

Filed Mar. 8, '13. Dated Mar. 3, '13.
 Frame up \$633 75
 Brown coated 633 75
 Completed and accepted..... 633 75
 Usual 35 days 633 75
TOTAL COST, \$2535 00

Bond, \$1000. Surety, Massachusetts
 Bonding & Insurance Co. Limit, 60
 days. Forfeit, none. Plans and spec-
 ifications filed.

(87B) SW LAKE AND TWENTIETH
 Ave W 42-6x8 101. All work except
 glass, glazing, furnishing finish
 plumbing fixtures, finish hardware,
 light fixtures, shades, wall paper, etc.
 for three-story and basement frame
 residence.

Owner.....J. W. Leavitt, 301 Golden
 Gate Ave., San Francisco.
 Architect...Theo. S. Boehm, 1019
 Hewes Bldg., San Francisco
 Contractor...Thos. Elan & Son, 180
 Jessie, San Francisco.
 Filed Mar. 8, '13. Dated Mar. 6, '12.
 On list of each month cost of work
 done 75%
 Usual 35 days after filing ac-
 ceptance Balance
TOTAL COST, \$19,040
 Bond, \$9520. Sureties, Wm. Chatham
 and Fred Fischer. Limit, Aug. 1. For-
 feit, none. Plans and specifications
 filed.

COMPLETION NOTICES

San Francisco.

Mar. 1, 1913—S TWENTIETH 50 W
 Texas W 50x8 100. John Warnock
 to M W Johnson.....Feb. 27, 1913
 Mar. 1, 1913—E TWENTIETH AVE
 200 N Clement 25x120. John M
 Peters to whom it may concern.....
 Feb. 28, 1913
 Mar. 1, 1913—BLG BDED BY ARMY,
 Valencia, Duncan and San Jose
 Ave. St. Luke's Hospital to Atwood
 Vacuum Cleaner Co.....Feb. 24, 1913
 Mar. 1, 1913—SE JENNINGS (J South)
 75 SW Palou Ave (16th Ave South)
 SW 25xSE 75 being Blk 326 S S F
 H and R R Ass'n. Lorenzo Lovotti
 to whom it may concern.....Feb. 28, 1913
 Mar. 1, 1913—N McALLISTER 109-6
 W Van Ness Ave W 55xN 120.
 Anna M Binding and Wilhelmina
 H Broger to O A Craemer.....Feb. 28, '13
 Mar. 1, 1913—E MISSION 203 S 23rd
 102-122-6. Elizabeth M Morehouse
 to Chas Christiansen.....Feb. 26, 1913
 Mar. 1, 1913—NW FILLMORE AND
 Post W 100xN 162-6. Emma Gates
 Butler to Chas Stockholm and B
 C Allyn (Stockholm & Allyn).....
 Feb. 27, 1913
 Mar. 3, 1913—W DRUM 91-6 S Sacra-
 mento 8 31-9 W 70 S 14-4 W 67-6
 S 46-1 E 137-6. John A Lennon to
 Western Iron Supply Co. Mar. 1, 1913
 Mar. 3, 1913—NW NABLES 125 SW
 France Ave SW 25xN 100 ptn
 Lot S Blk 12 Excl Hl. Wm S Ulmer
 to Stephenson & Parry.....Mar. 3, 1913
 Mar. 3, 1913—W ELEVENTH AVE
 275 N Fulton N 25x W 20. E R
 Nienstadt to Munster & Bornhardt
Feb. 27, 1913
 Mar. 3, 1913—SE SACRAMENTO AND

Le Roy Place E 39-2xS 70-6. Chas
 H and Flora Offerman to J Eric
 Johanson.....Mar. 1, 1913
 Mar. 3, 1913—N LAKE 32-6 E 26th
 Ave E 25xN 108. Charles A and
 Minnie Nystrom to whom it may
 concern.....Feb. 21, 1913
 Mar. 3, 1913—S LAKE 62-6 E 26th
 Ave E 27-6xS 100. Mrs Nevada
 Meyer to whom it may concern.....
 Feb. 27, 1913
 Mar. 4, 1913—NE CALIFORNIA AND
 18th Ave N 100xS 28. Mary J
 Dolan to Reese & Rountree.....
 Mar. 3, 1913
 Mar. 4, 1913—S JACKSON 6713 E
 from NW Columbus Ave E 50-6 S
 69-10x NW 78-11 N 9-3. Celline M
 Magendie to F H Born.....Feb. 25, 1913
 Mar. 4, 1913—E NINTH AVE 175 S
 Cabrillo (C) 25x120. Harold
 Johnson to whom it may concern.....
 Mar. 4, 1913
 Mar. 4, 1913—BLD BDED BY ARMY,
 Duncan, Valencia and San Jose Ave
 St. Luke's Hospital to Fibrestone
 & Roofing Co.....Mar. 3, 1913
 Mar. 4, 1913—E STEVENSON AND
 New Montgomery SE 149 NE 147-6
 NW 69 SW 127-6 NW 60 SW to beg
 100 Yara 354. The Sharon Estate
 to Lange & Bergstrom.....Mar. 1, 1913
 Mar. 4, 1913—N FRANCISCO 137-6 E
 Hyde E 53-9xN 137-6. Julia R
 Willard to M C Lynch.....Feb. 28, 1913
 Mar. 4, 1913—W SCOTT 92-6 S Green
 S 45xW 110. Clara S Hamilton to
 E T Letter & Sons, Inc.....Feb. 24, 1913
 Mar. 4, 1913—NO 87 CARMEL S line
 near Cole. R H Keaton to J J Har-
 com.....Mar. 4, 1913
 Mar. 4, 1913—SE MARKET AND
 Baker. Crocker 12st Co to Stelger
 Terra Cotta & Pottery Works.....
 Mar. 3, 1913
 Mar. 4, 1913—N CALIFORNIA 132-6
 E 7th Ave N 95-2 m or 1 E 25 S 92-1
 m or 1 W 25-14 m or 1. Herman
 Eisner to R Kessler.....Completed —
 Mar. 5, 1913—S CALIFORNIA 82-6
 W 30th Ave W 25xS 100. John
 Gray to whom it may concern.....
 March 1, 1913
 Mar. 5, 1913—LOT 13 Corona Heights
 C F Peterson to Henry Henrichs
March 1, 1913
 Mar. 5, 1913—LOT 10 BLK 3 Ocean
 View Park W St. Charles Ave 350 S
 Palmetto Ave. Oliver Hartman to
 whom it may concern.....Feb. 27, 1913
 Mar. 5, 1913—N EVANS AVE AND
 Keith. San Francisco Disposal Co
 to Hibernia Sheet Metal Co. Mar. 1;
 T W McClenahan & Co.....Feb. 28, 1913
 Mar. 5, 1913—S OAK 165-8x W Central
 Ave W 27-54xS 137-6. Thos
 O'Day to whom it may concern.....
 Feb. 28, 1913
 Mar. 5, 1913—N PARNASSUS AVE
 52-5 W Willard W 25x a uniform
 depth 94-4. Elizabeth Carson to J
 H Verner.....Mar. 5, 1913
 Mar. 5, 1913—N HUSH 206-3 W Jones
 W 91-8xN 137-6. Rose A C and
 Loring Crothers Foreman Pickering
 to J O Kuykendall.....Feb. 28, 1913
 Mar. 5, 1913—SE COMMERCIAL AND
 Front S 59-6xS 60. Ellis A Drex-
 ler to Macdonald & Kahn.....Feb. 27, '13
 Mar. 6, 1913—COMG 55 N CHESTNUT
 and 137-6 E Polk N 28xS 68-9. L
 Del Carlo to whom it may con-
 cern Mar. 1, 1913
 Mar. 6, 1913—SE CALIFORNIA AND
 Leidesdorff 107-6x137-6. The In-
 surance Exchange Co to Stanquist
 & Forbes.....Feb. 28, 1913
 Mar. 6, 1913—SW SIXTEENTH AVE
 and Lake. Mrs E M Schenkel or
 Elizabeth M Schenkel to Henry

Feb. 6, 1913—E. SAN GABRIEL AVE
 Mar. 6, 1913—E. SAN GABRIEL AVE
 25 S Capistrano Ave Lot 2 Bk "H"
 Mission Terrace N F Nilsson to
 Alton H May, one-half, Feb. 11, 1913
 Mar. 6, 1913—E. STEVENS ALLEY
 68 S Broadway and 17-6 E Sand-
 stone E 2885 48-9. J F Deisler to A
 Evin, Mar. 1, 1913
 Mar. 6, 1913—S NINETEENTH 230 W
 San Jose, Charles and Caroline O
 Nilsson to Chas Werner and E E
 Smith, Mar. 5, 1913
 Mar. 6, 1913—W DRUMM 61-S N Cal-
 fornia W 70XN 39. Freda Braun-
 schweiger, gdn to L V Roberts Ma-
 chine Works, gdn to Mar. 2, 1913
 Mar. 7, 1913—SE SUTTER & OC-
 tavia Mrs S C Miles to Andri-
 Wilkie Co., Mar. 6, 1913
 Mar. 7, 1913—W McALLISTER 100 W
 Gough W 41-6XN 137-6. Joseph
 Bissagno to L C Woodbridge, Mar. 6, 1913
 Mar. 7, 1913—NW PINE & LAGUNA.
 George Burich to R A Crothers, Mar. 6, 1913
 Mar. 7, 1913—W FORTY-FIFTH AV
 700 S Irving 25x120. Jas J or
 James J Landthorn to M Macbalek
 & Co., Mar. 7, 1913
 Mar. 8, 1913—E VALENCIA 236 N 22d
 N 24xE 125. Jean Labot to Louis
 Metter, Mar. 7, 1913
 Mar. 8, 1913—W FLORENCE 112 S
 Vallejo. H P Livermore to Marcus
 Marcussen, Mar. 7, 1913
 Mar. 8, 1913—NE TWENTY-SEVEN-
 th and Church N 28XE 95. A W and
 Jennie M Congdon to Edward F
 Holmes, Mar. 6, 1913
 Mar. 8, 1913—NE LEAVENWORTH &
 Macondry N 24XE 87-6. A F Pesca
 to A Brisa, Mar. 4, 1913

LIENS FILED.

San Francisco.

Mar. 1, 1913—S ½ LOT 13 and all
 Lot 14 Bk 57 comg on SE Naples
 212-6 S Russia Ave Wm H Grahn
 vs Henry A & Helen Fawcett, \$17.75
 Mar. 3, 1913—S GREEN 137-6 E Stein-
 er S 37-6xE 32-6. E S Lowry and
 J J Daly (Lowry & Daly) vs Carl
 M and Bessie M Lee, Mar. 1, 1913
 Mar. 3, 1913—N SUTTER 175 W Fil-
 more 50 on Sutter, Alfred G
 Krauss and P A Krauss (Sher-
 mund & Krauss) vs Jerome E Mac-
 Cormac and Home Amusement Co.,
 Mar. 4, 1913—NW VALLEJO AND
 Montgomery N 56-2xW 37-6. Caz-
 zaretti & Co vs Louis Rossi Giulia
 Picetti, Mar. 3, 1913
 Mar. 5, 1913—W BANKS 25 S Eugenia
 Ave S 25xW 70 Lot 528 Gift Map
 No. 1. George Ryan vs Albert G
 Sala, Joseph M Sala and H J Olsen,
 Mar. 5, 1913—W BANKS 50 S Eugenia
 Ave S 25xW 70, Lot 530 Gift Map
 No. 1. Geo Ryan vs Albert G and
 Joseph M Sala and H J Olsen, Mar. 5,
 1913—W BANKS 75 S Eugenia
 Ave S 25xW 70, Lot 532 Gift Map
 No. 1. Geo Ryan vs Albert G and
 Joseph M Sala and H J Olsen, Mar. 5,
 1913—W BANKS 100 S Eugenia
 Ave S 25xW 70, Lot 534 Gift Map
 No. 1. Geo Ryan vs Albert G &
 Joseph M Sala and H J Olsen, Mar. 5,
 1913—W VAN NESS AVE 115
 N Pine N 48XW 133 J H Kruse vs
 Northern Contr Co and Mutual

Land Invest Co., Mar. 6, 1913
 Mar. 6, 1913—NW VALLEJO AND
 Montgomery N 56-2xW 37-9. V
 Tagliacico vs Giulia Picetti and L
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—NW VALLEJO & MONT-
 gomery N 56-2xW 37-9. L Cop-
 polotti vs Giulia Picetti and L
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—NW VALLEJO AND
 Montgomery N 37-9xW 56-2. J P
 Lorden Mill Co (cpn) vs Giulia
 Picetti and Louis Rossi, Mar. 6, 1913
 Mar. 6, 1913—E MONTGOMERY 36 N
 Vallejo N 22xE 30; NE Vallejo and
 Montgomery N 36xE 30. L Cop-
 polotti vs Giulia Picetti and L
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—NE VALLEJO AND
 Montgomery N 36xE 30. V Taglia-
 cico vs Giovanni Devencenzi and L
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—NW VALLEJO AND
 Montgomery N 37-9xW 55-2. Fried-
 man Bros vs Giulia Picetti & Louis
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—NE VALLEJO AND
 Montgomery N 36xE 30. Fried-
 man Bros vs Giovanni Devencenzi and
 Louis Rossi, Mar. 6, 1913
 Mar. 6, 1913—NW VALLEJO AND
 Montgomery N 56-2xW 37-9. Joost
 Bros vs Giulia Picetti and Louis
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—NW MONTGOMERY &
 Vallejo N 55-10 W 37-6. Morrison
 Lumber Co, \$1645.89; Wm A Hayes,
 \$140 vs Giulia Picetti and Louis
 Rossi, Mar. 6, 1913
 Mar. 6, 1913—SW PINE & LAGUNA
 W 87-6X 25. Wm A Hayes vs Geo
 Burich and R A Crothers, Mar. 6, 1913
 Mar. 7, 1913—NW VALLEJO AND
 Montgomery N 56-2xW 37-6. City
 Protective Elec Co vs Louis Rossi
 and Giulia Picetti, Mar. 7, 1913
 Mar. 7, 1913—NW VALLEJO AND
 Montgomery N 37-6xW 55-10. Wm
 A Hayes, \$140; Morrison Lumber
 Co, \$1645.89 vs Giulia Picetti and
 Louis Rossi, Mar. 7, 1913
 Mar. 7, 1913—NW VALLEJO AND
 Montgomery N 56-2xW 37-9. Caz-
 zaretti & Co vs Giulia Picetti and
 Louis Rossi, Mar. 7, 1913
 Mar. 8, 1913—E PLUTO 150 N Lower
 Terrace N 25xE 115-6. L 23 Cor-
 rano Heights. Bernard McFugh,
 \$35; Timothy Donahue, \$28 vs C F
 Peterson and H Hendricks, Mar. 8,
 1913
 Mar. 8, 1913—S BUSH 139-6 E Frank-
 lin E 25xS 120. George Strohmier
 and L J Koenig vs T L Webster
 and N Kagami, Mar. 8, 1913

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base,
 frame, \$3,000. Oakland, Cal. Archi-
 tect, none. Owner, J. A. Bisehoff, 349
 62nd St., Oakland. The dwelling has
 been designed for a modern six-room
 house with bath. Interior will be
 finished in pine, redwood and some
 hardwood. Oak floors will be used in
 the living and dining rooms and re-
 ception hall. There will be furnace
 heat and open fire place. Mantel will
 be of brick. Tile will be used in the
 bath room and kitchen. The exterior
 of the dwelling will be covered with
 cement plaster. Plans are complete
 and the work will be done by Day
 Labor.
 RESIDENCE — 2 story and base,
 frame, \$3,500. Berkeley, Alameda Co.,

Cal. Architect, Albert Farr, Foxcroft
 Bldg., S. F. Owner, Dr. F. W. Har-
 den. This house will contain seven
 rooms and bath. All interior finish
 will be of pine or redwood. There will
 be furnace heat and open fire place.
 Hardwood floors will be used in the
 principal rooms. Mantel will be of
 brick. Tile will be used in the bath
 room and kitchen. An automatic
 water heater will be installed. The
 exterior of the dwelling will be cov-
 ered with cement plaster. Plans are
 complete and figures are now being
 taken.

RESIDENCE — 2 story and base,
 frame, \$4,000. Piedmont, Alameda Co.,
 Cal. Architect, none. Owner, F. J.
 Fernhoff, 1741 Franklin St., Oakland.
 The dwelling has been designed for a
 seven-room house with all modern
 conveniences. There will be furnace
 heat and open fire places. Mantels
 will be of brick and tile. Interior fin-
 ish will be of pine, redwood and some
 hardwood. Oak floors will be used in
 the living and dining rooms and re-
 ception hall. Tile will be used in the
 bath and kitchen. The exterior of
 the house will be covered with ce-
 ment plaster on metal lath. Plans are
 in the hands of the owner and the
 work will be done by Day Labor.

RESIDENCE — 2 story and base,
 frame, \$3,950. Oakland, Cal. Archi-
 tect, none. Owner, H. M. Turrell, 456
 Loan St., Oakland. The house has
 been designed for an eight-room
 dwelling with bath. All interior finish
 will be of pine and redwood. Hard-
 wood floors will be used in the prin-
 cipal rooms. There will be open fire
 places and brick or tile mantels. Tile
 will also be used in the bath room
 and kitchen. The exterior of the
 house will be covered with rustic and
 shingles. Plans are complete and the
 work will be done by Day Labor.

RESIDENCE — 2 story and base,
 frame, \$4,000. Oakland, Cal. Archi-
 tect, A. W. Smith, 1010 Broadway,
 Oakland. Owner, Henry Perfontaine.
 This house will be arranged to con-
 tain six rooms, sleeping porch and
 bath. Interior will be finished in pine
 and hardwoods. Oak floors will be
 used throughout. There will be fur-
 nace heat and open fire places. Man-
 tels will be of brick. Tile will be used
 in the bath room and kitchen. Ex-
 terior will be covered with brick ven-
 eer and shiplap. Plans are complete
 and now out for figures.

BUNGALOW — 1½ story and base,
 frame, \$3,000. Oakland, Cal. Archi-
 tect, none. Owners, Junk, Riddell &
 Co., 2247 Telegraph Ave., Oakland.
 The dwelling has been designed for a
 six-room house with bath and sleeping
 porch. Interior finish will be of pine
 and some hardwood. Hardwood floors
 will be used in the living, and dining
 rooms and reception hall. There will
 be furnace heat and open fire place.
 Mantel will be of tile or brick. Tile
 will be used in the bath room and
 kitchen. An automatic water heater
 will be installed. The exterior of the
 dwelling will be covered with cement
 plaster on metal lath. Plans are com-
 plete and the work will be done by
 Day Labor.

RESIDENCE — 2 story and base,
 frame, \$6,500. Oakland, Cal. Archi-
 tect, Olin S. Grove, 2911 Telegraph
 Ave., Berkeley. Owner, Mr. Grant.
 The dwelling will be erected in Rock-
 ridge Park, and has been designed for
 an eight-room house with baths and

ceping porch. Interior will be finished in pine, redwood and some oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, cost not stated, Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, S. D. Beasley. The house will be erected in Berkeley Heights, and will contain seven rooms, bath and sleeping porch. Interior finish will be of pine, redwood and hardwoods. There will be furnace heat and an open fire place. Hardwood floors will be used in the principal rooms. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with shingles. Plans are complete and bids are now being taken for the construction.

APARTMENT HOUSE—3 story and base, frame, \$9,000. Oakland, Cal. Architect, none. Owner, E. A. Schmidt, 1077 16th St., Oakland. The building has been designed to contain 33 rooms which will be arranged in two room apartments with wall beds and private baths. All interior finish will be of pine or redwood. Some oak floors will be used. Bath rooms will have tile wainscot. Gas grates will probably be used. Mantels will be of tile. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$10,000. Oakland, Cal. Architect, none. Owner, Louis Engler, 2721 Haste St., Oakland. The dwelling has been designed for a fourteen-room house with several baths and a laundry, and will be erected on Spruce street near Virginia. Interior will be finished in pine and redwood with some hardwood floors. There will be a central heating system and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and the work is to be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Alameda, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owners, Green and Walker. The house will contain eight rooms and bath. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior will be covered with shingles and cement plaster. Plans are complete and the owners will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mrs. V. H. Owens. The house has been designed for an eight-room dwelling with bath and laundry. Interior will be finished in pine, red-

wood and some hardwoods. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOWS—12, 1 story and base, frame, \$2,500 each. Oakland, Cal. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit, 1522 Broadway, Oakland. These dwellings will be erected on property at 51st street and Manila avenue, and each will contain six rooms and bath. All interior finish will be of pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be open fire places and brick and tile mantels. Tile will also be used in the baths and kitchens. Exteriors will be finished with cement plaster, rustic and shingles. Plans are being completed as rapidly as possible and the work will be done by Day Labor. The owner is now in the market for all kinds of building materials.

BUNGALOW—1½ story and base, frame, \$3,750. Oakland, Cal. Architect, Henry L. Wilson, L. A. Owners, J. H. and Kate Plattner, 434 Leavenworth St., S. F. The dwelling will contain seven rooms and bath. Interior will be finished in pine and redwood with some hardwood floors. There will be a central heating system and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster. Plans are complete and in the hands of the owners, who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit. The dwelling has been designed for an eight-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of tile and cement. The bath and kitchen will have some tile wainscoting. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

STORES AND OFFICES—15 story and base, Class A construction. Cost not stated. Oakland, Cal. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Carlson and Snyder. The building will be erected at the corner of 15th and Broadway in Oakland, and will cover a large ground area. Construction will be Class A throughout, with a complete steel frame, exterior walls of brick, faced with pressed brick and terra cotta. Floors will be of concrete. Interior partitions will be fireproof. Plans include metal trim, metal window sash and frames, elevator service, steam heat, vacuum cleaning and mail chutes. Working drawings are complete and specifications are being written. Bids will be called for shortly. All parts of the work will be segregated.

STORES AND HALL—6 story and base, brick and steel, \$100,000. Oakland, Cal. Architect, W. W. Dixon, 1844 5th Ave., Oakland. Owners, Owens and Black, Owens Apartments, Oak-

land. The building will be erected on Alice street, between 14th and 15th streets, and has been designed for stores on the first floor, billiard parlors and dance halls on the upper floors. Considerable structural steel will be used. Exterior walls will be faced with pressed brick. Interior will be finished in pine and hardwood with tile and marble wainscoting. There will be steam heat and elevator service. Plans are complete and the work will be done by Day Labor.

SWITCH TOWER—3 story, reinforced concrete, \$10,000. Oakland, Cal. Architects, Architectural Dept., Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for a switch tower, which is to be erected at the 16th street depot, have been completed and are now out for figures. Interior will be finished in pine. Metal window sash and frames are specified. The exterior of the building will be faced with cement plaster.

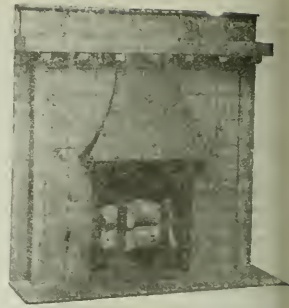
Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, D. Iwyer. Contractor, W. A. Savage (at the site) 41st and Piedmont Ave., Oakland. This contract has been taken on a percentage basis.

Building Contracts Awarded.

Oakland.

607	Fernhoff	Fernhoff	4000
608	Silva	Santos	400
609	Fessler	Despin	500
610	Gerwin	Kuchar	400
611	Kinney	McCreary	50000
612	Bell	Stewart	2200
613	Ravera	Rainerl	400
614	Duner	Duner	700
615	Tiedmann	Tiedmann	2500
616	Tiedmann	Anderson	2500
617	Lecher	Latham	1200
618	Wood	Leaman	2200
619	Hansen	Leaman	2200
620	Richley	Morgenson	2500
621	Troy	McGregor	5000
622	O A E R	Gutlehn	2000
623	Hinch	Hinch	2200
624	Hurlbut	Holland	1200
625	Lenery	Holland	1550
626	Peppin	Peppin	1000
627	Nogue	Nogue	400
628	Long	Fake	1000
629	Lecouna	Lecouna	1000
630	Nall	Nall	500
631	Jurgens	McCarty	400
632	Zolski	Zolski	400
633	Asuritt	Pritchard	400
634	Cerf	Muller	2500
635	Schmidt	Bischoff	3000
636	Schmidt	Bischoff	3000
637	Swalley	Swalley	2500
638	Owens	Owens	50000
639	Jones	Wilder	800
640	Dowsett	Fabing	1500
641	Tachella	Deluchi	800
642	Souza	Deluchi	800
643	Capbell	Schnebel	1000
644	Peterson	Wingest	1500
645	McDonald	Roloff	1500
646	Trentor	Jewell	1800
647	Jewell	Lynton	1800
648	Schmitz	Schmitz	1900
649	Orichon	Lyman	1500
650	Same	Same	1500
651	Pfarr	Pfarr	2200
652	Ehrenpford	Ehrenpford	2200
653	Turrell	Turrell	3250
654	Orichon	Hambleton	1650
655	Weber	Hambleton	1650
656	Murata	Murata	450
657	Mayles	Moore	1050
658	Same	Same	1050
659	Same	Same	1050
660	Camden	Camden	500
661	Kopperud	Kopperud	450
662	Snook	Hamson	450
663	Knudson	Knudson	450
664	Peters	Sherwood	2075
665	Slison	Slison	1600
666	Tisdale	Legriss	1900
667	Plattner	Plattner	3750
668	Legriss	Legriss	1900
669	Oakland Realty	Frates	1400



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager

Mantels, Grates and Tiles. Fire Sets, Andirons
Portable Baskets and Grates, Floor and
Wall Tiling in Original Designs.

1727 TELEGRAPH AVE.

OAKLAND, CAL.

Phone Oakland 121

Residence Phone, Oakland 8622

696	Baird	Sundberg	1200
697	Nail	Christensen	450
698	Buck	Buck	1000
699	Esola	Esola	400
700	Belletontaine	Venzke	2300
701	Vannucci	Lee	500
702	Guadagne	Owner	500
703	Ditt	Ditt	1000
704	Baker	Sheridan	3500
705	Murrooney	Owner	4750
706	Nottingham	Motts	15000
707	Wilsey	Creighton	2750

(607) — MESA AVE 100 S Park Way,
Piedmont. Two-story frame residence.

Owner.....F. J. Gernhoff, 1741 Franklin, Oakland.

Architect...None.
Day's work. COST, \$4000

(608) NO. 1704 KIRKHAM, Oakland.

Alterations.

Owner.....A. Silva, Premises.

Architect...None.

Contractor...L. Santos.

COST, \$400

(609) NO. 838 VALENCIA, Oakland.

Alterations.

Owner.....Dan Fessler, Premises.

Architect...None.

Contractor...Louis Despin, Premises.

COST, \$500

(610) NO. 527 FOURTEENTH, Oakland.

Floor repairs.

Owner.....Gerwins, Premises.

Architect...None.

Contractor...S. Kulchar & Co., 512 4th, Oakland.

COST, \$400

(611) SE TENTH AND WASHINGTON

Oakland. Four-story brick hotel and store building.

Owner.....R. W. Kinney, Cor. 9th and Franklin, Oakland.

Architect...A. W. Smith, 1010 Broadway, Oakland.

Contractor...McCreary & Sampson, 593 Apgar, Oakland.

COST, \$50,000

(612) N APGAR 485 W Market, Oakland.

One-story five-room dwlg.

Owner.....G. R. Bell, San Francisco.

Architect...None.

Contractor...E. A. Stewart, 616 41st, Oakland

COST, \$2200

(613) S SIXTY-FIFTH 250 E San Pablo Ave., Oakland.

One-story 3-room dwelling.

Owner.....D. Ravera, 1129 65th, Okd.

Architect...None.

Contractor...D. Raineri, 872 43rd, Okd.

COST, \$400

(614) NE E-FOURTEENTH AND 42ND

Ave., Oakland. One-story one-room factory.

Owner.....J. P. Durer, 628 12th, Okd.

Architect...None.

Day's work. COST, \$700

(615) NO. 2100 TWENTY-THIRD AVE

Oakland. Alterations.

Owner.....C. Tisdemann, 200 23rd Ave., Oakland.

Day's work. COST, \$400

(616) N E-TWENTY-FIRST 75 E 23rd

Ave., Oakland. All work for two-story 7-room dwelling.

Owner.....Claus Tiedmann, 2106 23rd Ave., Oakland.

Architect...None.

Contractor...A. F. Anderson, 2384 E-22nd, Oakland.

Filed Mar. 3, '13. Dated —,

Frame up and ready for roof.....\$625

Brown coated.....625

Completed and accepted.....625

Usual 35 days.....625

TOTAL COST, \$2500

Bond, none. Limit, 30 days. Forfeit,

none. Plans and specifications filed.

(617) NO. 518 FORTY-FOURTH, Oak-

land. Addition.

Owner.....Frances Lercher, Pranis.

Architect...None.

Contractor...H. P. Latham & Co., 728

27th, Oakland.

COST, \$1200

(618) E SIXTY-SIXTH 400 N E-14th,

Oakland. One-story 5-room dwlg.

Owner.....H. L. Wood, 2300 Seminary

Ave., Oakland.

Architect...None

Day's work. COST, \$2000

(625) W 106TH AVE 178 S Graffian,

Oakland. One-story 5-room dwlg.

Owner.....Geo. Hansen, Echo Ave.,

Oakland.

Architect...None.

Contractor...Leaman & Drewes, 9848

E-14th, Oakland.

COST, \$2200

(626) W EIGHTY-FIRST AVE 120 N

Plymouth, Oakland. One-story five-

room dwelling.

Owner.....J. W. Rickley, 534 Merri-

mac, Oakland.

Architect...None.

Contractor...Morgenson Bros., 554 63rd,

Oakland.

COST, \$2500

(627) W LINDA AVE 144 E Piedmont

Ave., Oakland. Two-story flats.

Owner.....Lillian Troy, 25 Monte

Vista Ave., Oakland.

Architect...None.

Contractor...C. M. MacGregor, 470 13th,

Oakland.

COST, \$5000

(628) NW FORTIETH & SHAFTER

Ave., Oakland. One-story express

office.

Owner.....Oakland, Antioch & East-

ern Rail Road.

Architect...None.

Contractor...Gutleben Bros., 3845 Rose

Ave., Oakland.

COST, \$2000

(629) W FORTY-SECOND AVE 115 N

Mera, Oakland. One-story 5-room

dwelling.

Owner.....E. M. Hinch, 1542 Broadway,

Oakland.

Architect...None.

Day's work. COST, \$2300

(630) S "B" 430 E 95th Ave., Oakland.

One-story 4-room dwelling.

Owner.....A. E. Hurlbut, 541 E-16th,

Oakland.

Architect...None.

Contractor...Hurlbut & Holland, 541 E-

16th, Oakland.

COST, \$1200

(631) NO. 1103 CAMPBELL, Oakland.

Alter dwelling into flats.

Owner.....Mrs. F. H. Leney, Prem.

Architect...None.

Contractor...Hurlbut & Holland, 541 E-

16th, Oakland.

COST, \$1550

(632) E 103RD AVE 2½ Bks S E-14th

Oakland. Two-story 5-room dwlg.

Owner.....J. B. Peppin Jr., San Le-

andro.

Architect...None.

Day's work. COST, \$1800

(642) NO. 1234 E-FOURTEENTH, Oak-

land. Addition.

Owner.....J. Nogue, Premises.

Architect...None.

Contractor...A. E. Fake, 1552 10th Ave.,

Oakland.

COST, \$1000

(643) NO. 1008 SIXTY-THIRD, Oak-

land. Two-room addition.

Owner.....Mrs. Eliza A. Long, Prem.

Architect...None.

Contractor...R. Moore, Premises.

COST, \$400

(644) F SEVENTY-SEVENTH AVE,

bet. Snell and Railroad Ave., Oak-

land. One-story 4-room dwelling.

Owner.....Aug. Lecouna, 785 77th

Ave., Oakland.

Architect...None.

Day's work. COST, \$1000

(645) NO. 1120 NINETIETH AVE, Oak-

land. Alterations.

Owner.....C. C. Nail, Premises.

Architect...None.

Day's work. COST, \$400

(646) NOS. 419-421 THIRTEENTH,

Oakland. Fire repairs.

Owner.....Chas. Jurgens, 373-75 13th

Oakland.

Architect...None.

Contractor...Wm. McCarty, 19th and

Telegraph Ave., Oakland.

COST, \$500

(647) NO. 2764 E-EIGHTH, Oakland.

Two-room addition.

Owner.....Jos. Zolski, Premises.

Architect...None.

Day's work. COST, \$409

(648) NO. 1237 NINETY-SIXTH AVE.,

Oakland. Alterations and additions.

Owner.....A. W. Asvitt, Premises.

Architect...None.

Contractor...J. Pritchard, 6230 Virginia

Oakland.

COST, \$400

(6) **DOLORES 100 N E-Centro,** Oakland. One and one-half-story 6-room dwelling.
Owner.....L. Cerf, San Francisco.
Architect...None.
Contractor...F. A. Muller, 663 61st, Okd.
COST, \$2500

(7) **S E-FIFTEENTH 190 W 2nd** Ave., Oakland. Three-story 33-room apartment building.
Owner.....E. A. Schmidt, 1077 16th, Oakland.
Architect...None.
Contractor...None.
COST, \$9000

(8) **NE ALCATRAZ AVE AND** Alameda, Oakland. Two-story 6-room dwelling.
Owner.....J. A. Bischoff, 349 62nd, Oakland.
Architect...None.
Contractor...None.
COST, \$3000

(9) **S LAWTON AVE 553 W Broad-** way, Oakland. One and one-half-story 7-room dwelling.
Owner.....H. M. Swalley, 5442 Shaft-
er Ave., Oakland.
Architect...None.
Contractor...None.
COST, \$2500

(10) **W ALICE, bet. 14th and 15th,** Oakland. Five-story brick apart-
ments.
Owner.....J. W. Owen, Owen's Apart-
ments, Oakland.
Architect...W. W. Dixon, 1844 5th Ave
Oakland.
Contractor...None.
COST, \$50,000

(11) **LOT 16 AMENDED MAP ALTA** Piedmont Tract, Piedmont. All work
or two-story and basement frame
dwelling.
Owner.....H. E. Jones, Piedmont.
Architect...C. C. Jones, Head Santa
Barbara Road, Berkeley.
Contractor...E. J. Aalto, 1531 Califor-
nia, Berkeley.
Filed Mar. 5, '13. Dated Mar. 5, '13.
Frame up\$855
Brown coated 865
Completed and accepted..... 865
Usual 35 days..... 865
TOTAL COST, \$3460
nd, none. Limit, 80 days after Mar.
Forfeit, \$5. Plans and specifications
rd.

(12) **NO. 2528 ELLSWORTH, Oak-** land. Alterations.
Owner.....Harriet E. Dowsett, Prem.
Architect...Harris Allen, 2514 Hille-
gass Ave., Berkeley.
Contractor...J. J. Widmer, Box 125,
Stege, Cal.
COST, \$800

(13) **NW HOPKINS AND 13 AVE.,** Oakland. One-story store.
Owner.....F. N. Fabing, 1135 E-33rd,
Oakland.
Architect...None.
Contractor...None.
COST, \$1500

(14) **NO. 1416 THIRTEENTH, Oakland** Repairs.
Owner.....Joe Tachella.
Architect...None.
Contractor...D. Deluchi.
COST, \$600

(15) **NO. 1421 FORTY-FIFTH AVE.,** Oakland. Addition.
Owner.....Frank Souza, Premises.
Architect...None.
Contractor...Jos. Ridgiss, 1409 47th
Ave., Oakland.
COST, \$500

(16) **HILLSIDE & KELTON COURT,** Oakland. Alterations and repairs.
Owner.....Mrs. Capwell, Premises.
Architect...None.
Contractor...Schneibly-Haustrow &
Pedgrift, 1943 Broadway,
Oakland.
COST, \$1000

(17) **S FIFTY-SECOND 170 W Mar-** ket, Oakland. One-story 5-room dwlg
Owner.....Lawrence Peterson, 4705
Market, Oakland.
Architect...None.
Contractor...A. T. Winquest.
COST, \$1500

(18) **NW BROWN AVE 177 N Hop-** kins, Oakland. One-story 5-room
dwelling.
Owner.....Jas. R. McDonald, 3534 38th
Ave., Oakd.
Architect...None.
Contractor...L. R. Roloff, 3534 38th Ave.,
Oakland.
COST, \$1500

(19) **S BLAKE 100 W Grant, Oakland** One-story 5-room dwelling.
Owner.....H. Trenter, 2208 7th, Okd.
Architect...None.
Contractor...None.
COST, \$1500

(20) **W DOHR 175 S Oregon, Oak-** land. One and one-half-story five-
room dwelling.
Owner.....Albert Jewell, 4119 Mont-
gomery, Oakland.
Architect...None.
Contractor...None.
COST, \$1800

(21) **W CALIFORNIA 120 N Ashby,** Oakland. One-story 5-room dwlg.
Owner.....C. C. Schmitz, 467 Hud-
son, Oakland.
Architect...None.
Contractor...None.
COST, \$1900

(22) **NE FAIRBANKS AVE 132 SE** Crofton, Oakland. Two-story eight-
room dwelling.
Owner.....S. E. Crichton, 845 53rd,
Oakland.
Architect...None.
Contractor...Chas. H. Lyman, 236 Broad
Oakland.
COST, \$2300

(23) **S CROFTON 168 E Fairbanks** Ave., Oakland. Two-story 8-room
dwelling.
Owner.....S. E. Crichton, 845 53rd,
Oakland.
Architect...None.
Contractor...Chas. H. Lyman, 236 Broad
Oakland.
COST, \$2300

(24) **N FIFTY-FIRST AVE 150 S** Bond, Oakland. One-story 5-room
dwelling.
Owner.....C. J. Pfrang, 5487 Clare-
mont Ave., Oakland.
Architect...None.
Contractor...None.
COST, \$2500

(25) **N SANTA RITA 360 E Rosedale** Ave., Oakland. Two-story five-room
dwelling.
Owner.....G. W. Ehrenpfort, 3129
Lynde, Oakland.
Architect...None.
Contractor...None.
COST, \$2200

(26) **W WALKER AVE, bet Cottage** and Walker, Oakland. Two-story 6-
room dwelling.
Owner.....H. M. Turrell, 456 Jean,
Oakland.
Architect...None.
Contractor...None.
COST, \$3950

(27) **LOT 21 BLK "D" Map Grand** Av Heights, Oakland. All work for
two two-story frame dwellings.
Owner.....Stanley E. and Eliza Crib-
ton, 845 53rd, Oakland.
Architect...None.
Contractor...Charles H. Lyman, 236
Broad, Oakland.

Filed Mar. 6, '13. Dated Feb. 28, '13.
1st day after commencement of
work\$ 125
Both foundations in..... 500
Frame up on 1st house..... 1000
1st dwelling ready for plaster... 500
Frame up on 2nd house..... 500
2nd house ready for plaster.... 500
1st house completed 500
2nd house completed 500
All completed 175
Usual 35 days..... 1000
TOTAL COST, \$3300

Bond, \$2000. Surety, U. S. Fidelity &
Guaranty Co. Limit, 120 days. Forfeit,
\$1.50. Plans and specifications filed.

NOTE:—One building will be erected
on NE Fairbanks Ave. about 132 SE
Crofton; and the other on S Crofton 168
E Fairbanks Ave.

(28) **NE PARK AVE & BOEHMER,** Oakland. One-story 5-room dwelling.
Owner.....M. Weber, 1152 Railroad
Ave., Oakland.
Architect...None.
Contractor...Fred Hambleton, 585 43rd,
Oakland.
COST, \$1650

(29) **N WASHINGTON AVE 200 E** High, Oakland. Hot house.
Owner.....J. Muria, Premises.
Architect...None.
Contractor...None.
COST, \$450

(30) **E ADELIN 140 N 24th, Oak-** land. One-story 4-room dwelling.
Owner.....Jas. Moyles, 2436 Adeline,
Oakland.
Architect...None.
Contractor...R. E. Moore, Hayward.
COST, \$1050

(31) **E ADELIN 166 N 24th, Oak-** land. One-story 4-room dwelling.
Owner.....Jas. Moyles, 2436 Adeline,
Oakland.
Architect...None.
Contractor...R. E. Moore, Hayward.
COST, \$1050

(32) **E ADELIN 193 N 24th, Oak-** land. One-story 4-room dwelling.
Owner.....Jas. Moyles, 2436 Adeline,
Oakland.
Architect...None.
Contractor...R. E. Moore, Hayward.
COST, \$1050

(33) **NO. 1515 SAN PABLO AVE., Oak-** land. Alterations.
Owner.....Chas. Camden Estate, Cor.
Market & 10th, Oakland.
Architect...Chas. Mau, Macdonough
Bldg., Oakland.
COST, \$500

(34) **E HIGH 130 N California Rail-** way, Oakland. Tool house.
Owner.....A. H. Kopperud, 4217
Boulevard, Oakland.
Architect...None.
Contractor...None.
COST, \$450

(35) **W WEBSTER 90 N 34th, Oak-** land. Garage.
Owner.....Jennie W. Snook, 334 34th,
Oakland.
Architect...None.

Contractor...Ransome - Crumney Co.,
Syndicate Bldg., Oakland.
COST, \$500

(688) NO. 4357 FLEMING AVE., Oak-
land. Addition.
Owner.....Mrs. M. Kundson, Prem.
Architect...None.
Contractor...M. Kundson, Premises.
COST, \$450

(690) E OPAL 102 N 41st, Oakland.
One-story 5-room dwelling.
Owner.....H. C. Peters, S. F.
Architect...None.
Contractor...J. P. Sherwood, 463 60th,
Oakland.
COST, \$2075

(691) N FORTY-NINTH 80 W Law-
ton Ave., Oakland. One-story 5-room
dwelling.
Owner.....H. L. Sisson, 1621 45th Ave
Oakland.
Architect...None.
Day's work. COST, \$1600

(692) SE GLENDALE AVE 200 NE
Manila Ave., Oakland. One-story 5-
room dwelling.
Owner.....Mrs. H. L. Tisdale, 615 53d
Oakland.
Architect...None.
Contractor...C. F. Legris, 600 56th, Okd.
COST, \$1900

(693) E FOOT HILL COUNTY ROAD
350 NW Jones Ave., Oakland. One-
story 7-room dwelling.
Owner.....J. H. and Kate Plattner,
434 Leavenworth, S. F.
Architect...Henry L. Wilson, Los
Angeles.
Day's work. COST, \$3750

(694) W SHAFTER AVE 40 N Clifton,
Oakland. One-story 5-room dwlg.
Owner.....C. F. Legris, 600 56th, Okd
Architect...None.
Day's work. COST, \$1900

(695) S PARK 250 W 57th Ave., Oak-
land. One-story 4-room dwelling.
Owner.....Oakland Realty & Invst.
Co., 1540 Broadway, Okd.
Architect...None.
Contractor...F. J. Frates.
COST, \$1400

(696) S FOURTEENTH AVE 180 W
Hopkins, Oakland. One-story 5-room
dwelling.
Owner.....P. E. Balrd.
Architect...None.
Contractor...E. Sundberg, 646 6th, Okd.
COST, \$1200

(697) NO. 3236 ADELIN, Oakland.
Store front.
Owner.....Wallace Nall, Premises.
Architect...None.
Contractor...C. C. Christensen, 1190 72d
Ave., Oakland.
COST, \$450

(698) E FORTY-NINTH AVE 175 S E-
14th, Oakland. One-story 4-room dwlg.
Owner.....C. M. Buck, 3322 Royal, Okd.
Architect...None.
Day's work. COST, \$1000

(699) NO. 427 AVON, Oakland. Alter
barn into dwelling.
Owner.....L. Esola, Premises.
Architect...None.
Day's work. COST, \$400

(700) LOT 6 BLK 15 Havenscourt,
Oakland. All work for dwelling.

Owner.....Angus J. Bellefontaine,
Oakland.
Architect...None.
Contractor...J. G. Venzke, Oakland.
Filed Mar. 8, '13. Dated Feb. 26, '13.
Framed\$700
White coat plaster on.....800
Completed900
TOTAL COST, \$2300
Bond, limit, forfeit, plans and speci-
fications, none.

(701) NO. 339 FILBERT, Oakland.
Alterations.
Owner.....A. J. Vannucci, Premises.
Architect...None.
Contractor...W. A. Lee, 347 Filbert, Okd
COST, \$500

(702) NO. 526 MYRTLE, Oakland. Re-
pairs.
Owner.....L. Guadagno, 700 Myrtle,
Oakland.
Architect...None.
Day's work. COST, \$500

(703) NO. 517 BRUSH, Oakland. Alter.
Owner.....L. Diti, Myrtle & 5th, Okd.
Architect...None.
Day's work. COST, \$1000

(704) S E-TWENTIETH 100 W 11th
Ave., Oakland. Two-story seven-
room dwelling.
Owner.....E. H. Baker, 11th Ave and
E-20th, Oakland.
Architect...A. H. Peterson, Mills Bldg.,
San Francisco.
Contractor...K. M. Sheridan, 1020
Broadway, Oakland.
COST, \$3500

(705) E-THIRD AVE 115 N E-16th,
Oakland. Two-story 12-room flats.
Owner.....J. R. Mulrooney, 3500 Per-
alta Ave., Oakland.
Architect...None.
Day's work. COST, \$4750

(706) N FORTY-FIRST 400 E Tel-
graph Ave., Oakland. Three-story 30
room apartments.
Owner.....Walter Nottingham, 437
45th, Oakland.
Architect...None.
Contractor...Gallagher & Motts, 392
Hawthorne, Oakland
COST, \$15,000

(707) W MONTGOMERY 155 S Mather,
Oakland. One-story 5-room dwlg.
Owner.....W. S. Wilsey, 5504 Kales
Ave., Oakland.
Architect...None.
Contractor...W. H. Creighton, 1444
Broadway, Oakland.
COST, \$2750

Building Contracts Awarded Berkeley.

619 Jewett	Jewett	2500
620 Texdahl	Texdahl	1900
621 Junk	Riddell	3000
622 Bartlett	Stone	1900
623 Engler	Engler	10000
624 Sturn	Hopper	3615
625 Howe	Junk	4400
626 Olsen	Olsen	4700
627 Sorensen	Sorensen	2500
628 Skull & Keys	Van Sant	3500
629 Shattuck Hotel	Cummins	1085
630 Same	Dehuchi	4000
631 Same	Snook	12415
640 Same	Clinton	62600
641 Same	Sparwasser	5000
642 Tryner	Vaughn	4800
650 Harris	Harris	2500
677 Southern Pacific	Jones	9211
678 Hupp	Tieslau	9093
680 Johnson	Johnson	1500

(619) N HEARST AVE 200 E Grant
Berkeley. Two-story 10-room flats
Owner.....H. R. Jewett, 1817 Hears
Ave., Berkeley.
Architect...None.
Day's work. COST, \$2500

(620) N RUSSELL 112 E Dohr, Ber-
keley. One-story 5-room dwlg.
Owner.....C. Texdahl, 3035 Harpo
Berkeley.
Architect...None.
Day's work. COST, \$1900

(621) NE ROSE AND MCGEE, Ber-
keley. One and one-half-story 6
room dwelling.
Owner.....Junk-Riddell & Co., 224
University Ave., Bkly.
Architect...None.
Day's work. COST, \$3000

(622) S BERNETT 400 E San Pabl
Ave., Berkeley. One-story five-room
dwelling.
Owner.....W. C. Bartlett, 172 Mos
Ave., Oakland
Architect...None.
Contractor...E. P. Stone, 1212 Carrison
Berkeley. COST, \$1900

(623) W SPRUCE 200 S Virginia, Ber-
keley. Two-story and basement 14
room dwelling.
Owner.....Louis Engler, 2721 Hast
Berkeley.
Architect...None.
Day's work. COST, \$10,000

(624) W ARINO AVE 125 N Vale Vist
Ave., Berkeley. One and one-half
story 7-room dwelling.
Owner.....Chas. L. Sturn, 407 12th
Berkeley.
Architect...None.
Contractor...M. E. Hopper, 407 12th
Berkeley. COST, \$361

(625) E SPRUCE 100 S Eunice, Ber-
keley. Two-story 6-room dwlg.
Owner.....A. B. Howe, 401 Berkeley Na-
tional Bank Bldg., Bkly
Architect...None.
Contractor...Junk-Riddell Co., 224
Telegraph Ave., Berkeley.
COST, \$440

(626) E MCGEE 62 S Hearst Ave., Ber-
keley. One and one-half-story five
room dwelling.
Owner.....N. Olsen, 2415 7th, Bkly.
Architect...Frank May, 2415 Cente
Berkeley.
Day's work. COST, \$200

(625) S NAPA AVE 355 E Alamed
Ave., Berkeley. Two-story 6-room
dwelling.
Owner.....Walter Sorensen, 3219 Ell
Berkeley.
Architect...None.
Day's work. COST, \$250

(626) S LE CONTE 127 from Ench
Ave., Berkeley. One-story 4-room
concrete lodge building.
Owner.....Skull & Keys Society, Un-
iversity of California.
Architect...S. B. Newsom, Nevad
Bank Bldg., S. F.
Contractor...Van Sant-Houghton Co
Hooker & Lent Bldg., S. F.
COST, \$330

(627) W SHATTUCK AVE 56 from
Alston Way S 150th, W 130 N 150 I-
to point of commencement, Berkele.
Marble and tile work for five-story

Bldg., San Francisco.
Architect...None.
Contractor...Jones & McGovern.
Filed Mar. 6, '13. Dated Mar. 4, '13.
Monthly payments of..... 75
Usual 35 days..... 25
TOTAL COST, \$92.

Architect...None.
Day's work, COST, \$1500

Day's work. COST \$20

Lee and Agnes C Priest to G E
Graham Mar. 1, 1913

structed. Plans have been out for lig

ures and a contract will be awarded within a few days.

BUNGALOW—1 story and base, frame, \$2,800. San Jose, Santa Clara Co., Cal. Architect, none. Owner, W. M. Lewis, 165 N. 16th St., San Jose. The house has been designed for a six-room dwelling with bath and sleeping porch. Interior finish will be of pine and red oak with some oak floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SCHOOL—1 story and base, frame and concrete, \$25,000. King City, Monterey Co., Cal. Architect, H. B. Douglas, Watsonville. Owners, King City School District. This building was mentioned in last week's issue of the Building and Industrial News, at which time it was stated that bids had been taken on the work and that a complete list of these figures would appear in the next issue. White & Thies of Santa Cruz put in the lowest figures as follows: (a) \$24,961, (b) \$23,250, (c) \$22,000. This was for the general construction only. Bids for the heating and ventilating have not been opened. For a complete list of all figures see under San Jose and the Santa Clara Valley.

King City School Bids Are Opened.

White & Thies, of Santa Cruz, Will Probably be Awarded Contract on One of Three Propositions.

Three sets of figures were opened on March 1st by the Board of School Trustees of the King City School District, in Monterey County, for the construction of the new concrete and frame school building. Bids were taken on three propositions. Plans for the building were prepared by Architect H. B. Douglas of Watsonville. White & Thies of Santa Cruz were low men on each of the three propositions. The following is a list of all bids as received:

General Construction.

White & Thies, Santa Cruz, (a) \$24,961; (b) \$23,250; (c) \$22,000.
C. J. Drosch, Merced (a) \$28,396; (b) \$26,595; (c) \$25,264.
J. H. W. Jones, Watsonville (a) \$35,042.75; (b) \$33,278.35; (c) \$32,000.

A contract for the work will probably be awarded to White & Thies of Santa Cruz, but on which of the three propositions has not been decided.

Building Contracts.

CONTRA COSTA COUNTY.

AT AVON. All work for tank stills for plant for refining crude petroleum. Owner.....Associated Oil Company. Architect.....None.
Contractor, The Reeves Bros. Co.
Filed Mar. 1, '13. Dated Feb. 13, '13.
10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$104,500
Bond, \$25,250 Surety, United States

Fidelity & Guaranty Co. Limit, none. Forfeit, none. Plans and specifications filed.

E ½ OF LOT 6 and all Lot 7 Blk 25. City of Richmond. All concrete and cement, brick, steel, iron, plastering, painting, plumbing, electric and carpenter work for one-story brick bldg. Owner.....Mrs. M. M. Purman, Richmond.

Architect.....Jas. T. Narbett, Richmond
Contractor.....M. B. Roberts, Richmond.
Filed Feb. 27, '13. Dated Feb. 18, '13.
Brick walls up.....\$1200
Roof completed..... 1200
Building completed..... 1200
Usual 35 days..... 1200
TOTAL COST, \$4800

Bond, \$2400. Surety, Aetna Accident & Liability Co. Limit, May 1, 1913. Forfeit, none. Plans and specifications filed.

COR. FIRST AND GEORGE, San Jose. All work for one and one-half-story frame residence.

Owner.....Frank B. Fleming, 398 S-First, San Jose.
Architect.....Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor.....W. R. Latta, 432 N-11th, San Jose.

Filed March 3, '13. Dated March 1, '13.
Frame up.....\$1500
1st coat plaster on..... 1500
House completed..... 1500
Usual 35 days..... Final
TOTAL COST, \$6003

Bond, \$3001.50. Sureties, W. M. Stalker and J. S. Lambert. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

COR. FIRST AND ST. JOHN, San Jose. Electric fixtures for building.

Owner.....Elks' Bldg. Co., San Jose.
Architect.....F. D. Wolfe, L. T. Lenzen, C. McKenzie and W. Binder, Rea Bldg., San Jose.

Contractor.....T. E. Baker & Sons, Cor. Santa Clara & 3d, San Jose.
Filed Feb. 28, '13. Dated Feb. 19, '13.

On amount of contract..... 75%
Delivery of fixtures at building 50%
On completion..... 25%
Usual 35 days..... 25%
TOTAL COST, \$1100

Bond, none. Limit, ready May 15. Forfeit, none. Plans and specifications filed.

LOT NO. 10 IN ACACIA TRACT, San Jose. All work for five-room bungalow.

Owner.....R. S. Rhen, San Jose.
Designer.....H. W. Dangerfield.
Contractor.....H. W. Dangerfield, San Jose
Filed Mar. 3, '13. Dated Mar. 3, '13.
Frame up.....\$500
Plaster on..... 500
Completed..... 500
On receipt of receipts of labor and material in full, less \$125 held out for cement foundation. 475
TOTAL COST, \$2100

Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

COR. CAMPBELL AND HARRISON Ave., Campbell, Cal. All work for two-story building.

Owner.....B. O. Curry, Campbell, Cal.
Architect.....F. D. Wolfe, Smart Bldg., San Jose.
Contractor.....W. S. Gardner, 541 Martin, San Jose.

Filed Mar. 3, '13. Dated Feb. 28, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$138-
Bond, limit, forfeit, none. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, W. B. Vickers. This building will contain eight suites of two and three rooms each. There will be wall beds and private bath rooms. Interior will be finished in pine and redwood. Some tile will be used in the baths. A central heating system and hot water heater will be installed. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are under advisement.

BUNGALOW—1 story and base frame, \$4,500. Mill Valley, Marin Co., Cal. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, John Baker. The house will contain seven rooms and sleeping porch. Interior will be finished in pine and hardwoods. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
Mar. 1, 1913—LOT 1 BLK 55 Amended Map City of Richmond. M J Kelly and J W Kelly to Geo A Wilkinson
.....Feb. 26, 1913

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED **AMOUNT**
Mar. 1, 1913—SE PTN LOT 101 SAN Pablo Rancho. Thomas Farlinger to Chas Pederetti\$91.85

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

SCHOOL—2 story and base, reinforced concrete or brick and steel, \$180,000. Sacramento, Cal. Architects, Shea & Lofquist, 550 Montgomery St., S. F. Owners, City of Sacramento. An award of this work has just been made to the above mentioned architects. Their plans were selected from a competition of 51 architects held under the A. I. A. Code. The building will contain 23 class rooms, a large auditorium, domestic science and manual training departments, two large lunch rooms, one for boys and one for girls, besides a library and teachers' rooms. Construction will be as near fireproof as the money will permit. Interior will be finished in pine and hardwood. Mechanical equipment will include steam heat, vacuum cleaning system and a modern system of ventilation and program clocks. Exterior will

probably be faced with pressed brick. Working drawings are being prepared.

STATE HIGHWAY COMMISSION.—Cost not stated. California. Engineer, State Highway Commission, Sacramento. Owners, State of California. Bids have been opened by the State Highway Commission for ten miles of cement, concrete and bituminized surface road, to be constructed in Los Angeles County, between Rancho El Encino and Calabasas. The engineer's estimate on this piece of work was \$61,151, and the three lowest figures were as follows: John D. Marsh, \$55,555, J. H. Constine, \$61,151, and Roger Brother Co. \$61,389.

Bids for constructing seven and one-half miles of water bound macadam road with gravel foundation to be built in Mendocino County between Ukiah and Forsythe Creek were also opened. The engineer's estimate was \$56,055. Bids were submitted as follows: Sawyer & White of Willits, \$53,313, E. B. & A. L. Stone Co., San Francisco, \$60,840, Fairbanks & Bachtel of Willits \$67,143, and the Raich Improvement Co., San Francisco, \$92,299. All bids have been referred to the Engineering Advisory Board, which body will take up the matter of awards at its meeting in Sacramento on March 1th.

Building Contracts.

SACRAMENTO COUNTY.

N 85 FT. LOT S. J. K, 14TH & 15TH Sts., Sacramento. Scagliola on five-story and basement apartment house. Owner.....Chauncey Dunn, Nicholas Bldg., Sacramento.

Architect...Cuff & Diggs, Elks' Bldg., Sacramento.

Contractor...Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor...Pacific Const. Art Marble Co., Monadnock Bldg., San Francisco.

Filed Mar. 4, '13. Dated Feb. 28, '13. COST, \$740

E ½ OF LOT 6, U. V. 29TH AND 30TH Sts., Sacramento. One and one-half-story 6-room cottage and barn.

Owner.....J. E. King.

Architect...None.

Contractor...Robert Powell & Co., 1911 28th, Sacramento.

Filed Mar. 4, '13. Dated Mar. 4, '13. COST, \$2518

TRACTS 186 AND 187. Arcade Park, North Sacramento. Painting, etc., four room and basement dwelling.

Owner.....F. L. Orr.

Plans by...G. E. Harvie.

Contractor...G. E. Harvie.

Filed Mar. 4, '13. Dated Mar. 4, '13. COST, \$2000

E ½ OF LOT 3, W. X. 23RD AND 24TH Sts., Sacramento. Carpentry, etc., 5-room and bath dwelling.

Owner.....J. A. Bradley, 1011 10th, Sacramento.

Plans...by G. G. Harvie.

Contractor...G. E. Harvie.

Filed Mar. 1, '13. Dated Feb. 26, '13. COST, \$2775

LOT 1, J. K. 4TH AND 5TH Sts., Sacramento. Sheet metal on seven-story and basement reinforced concrete hotel building.

Owner.....Marsh Investment Co.

Architect...Cuff & Diggs, Elks' Bldg., Sacramento.

Contractor...Ransome Concrete Co., 328 J St., Sacramento.

Sub-Contractor...J. J. Sinclair (Sinclair & Bessey), 119 6th St., Sacramento.

Filed Mar. 4, '13. Dated Jan. 16, '13. COST, \$4795

Building Contracts.

SAN JOAQUIN COUNTY.

WEST 70 FT. LOT 6 BLK 11, City of Lodi. Carpenter work, mill work, plumbing, etc., for two-story frame residence.

Owner.....Anna Brack, 118 E-Oak St., Lodi, California.

Architect...Walter King, 309 Elks' Bldg., Stockton.

Contractor...Jacob Lucas, 212 W-Elm St., Lodi.

Filed Mar. 2, '13. Dated Mar. —, '13.

Foundation in\$ 400

Frame work up 1000

Building enclosed 1000

Plastering completed 1500

Building completed 2200

TOTAL COST, \$6100

Bond, \$2050. Sureties, E. F. Van Vliar and Geo. L. Meissner. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOT 5 BLK 1 West, Stockton. Two-story frame dwelling.

Owner.....John C. McCarty, Werner Station, Stockton.

Architect...None.

Day's work..... COST, \$3800

S ½ LOTS 9, 11 BLK 90 West, Stockton. Frame building.

Owner.....A. L. Miner, 1320 N-Hunter St., Stockton.

Architect...None.

Day's work..... COST, \$1800

LOT 5 BLK 40 West, Stockton. Frame building.

Owner.....C. A. Pease, 522 W-Park St., Stockton.

Architect...None.

Day's work..... COST, \$2000

LOT 5 BLK 295 E. Stockton. Erect galvanized iron building.

Owner.....O. Martinsen, 620 E-Lafayette, Stockton.

Architect...None.

Day's work..... COST, \$250

N 8, 32 AND 36 E-WASHINGTON Lot 7 BLK 26 E. Stockton. Two-story brick addition.

Owner.....Mrs. A. M. Hewitt.

Architect...None.

Day's work..... COST, \$2200

S 32 FT. LOT 11 BLK 39 E. Stockton. Frame building.

Owner.....R. R. Reibenstein, 409 E-Rose St., Stockton.

Architect...None.

Day's work..... COST, \$1000

LOT 2 BLK 43 S M C, Stockton. Erect frame garage.

Owner.....George Housken, 243 E-Fremont, Stockton.

Architect...None.

Day's work..... COST, \$110

LOT 11 BLK 10 E Stockton. Frame building.

Owner.....Carrie Ginestra, 606 Aurora Stockton.

Architect...None.

Day's work..... COST, \$1450

LOT 12 BLK "H" East, Stockton. Re-model frame warehouse.

Owner.....Frank Prakser, 33 E-Scott Ave., Stockton.

Architect...None.

Day's work..... COST, \$400

Release of Liens.

SACRAMENTO COUNTY.

RECORDED.....AMOUNT

Mar. 4, 1913—LOT 169 Smith Tct. Sacramento. Fred J. Ferren to Chas. J. Gustafson\$102

Amador County High School Bids Opened.

Roberts Bros. Company of This City Secure Contract For New School Building at Sutter Creek.

Four sets of figures were opened by the Board of School Trustees for the construction of the Amador County High School, which is to be constructed at Sutter Creek. Plans for the building were prepared by Architects Kenyon & Parker, 214 Kearny street, San Francisco. Roberts Bros. Company, Sheldon Bldg., San Francisco presented the lowest bid at \$23,650 and were awarded the contract. Others bids were as follows:

General Construction.

Campbell & Turner\$24,370

Peterson & Wilson 25,775

Roberts Bros., Inc. 22,650

Arthur Arlett 31,000

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—2 story and base, reinforced concrete, \$24,000. Modesto, Stanislaus Co., Cal. Architect, John J. Foley, 16 Kearny St., S. F. Owners, St. Stanislaus Parish. This building will be designed in the Spanish Colonial style, with a cement plaster exterior and clay tile roof. The main auditorium will have a seating capacity of 500 people and will be finished in pine, redwood and ornamental plaster. A central heating system will be installed. Working drawings are being prepared and bids will be called for as soon as possible.

RESIDENCE—2 story and base, frame, \$7,000. Oakdale, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owner, Arthur Lietz, Oakdale. The dwelling has been designed for a modern eight-room house with bath, sleeping porch and laundry. Interior will be finished in pine with hardwood floors throughout. There will be furnace heat and open fire places. Mantels will be of brick or tile. The will be used in the bath rooms and kitchens. There will be an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

STORES AND OFFICES—1 story and base, brick \$20,000. Taft, Kern Co., Cal. Architect, C. S. McNally, Mechan-

as' Institute Bldg., S. F. Owners, Motor Transportation and Construction Co. Taft. The building will be the largest communal structure in Taft, and will cover an area of 50x125 feet. First floor will be arranged for five large stores, and upper floors for 21 offices, two large halls and living apartments. Interior will be finished in pine throughout. There will be steam heat. The exterior of the building will be faced with cement plaster. Plans are complete but no figure has been called for as yet.

CLUB HOUSE—3 story and base, brick, \$30,000. Bakersfield, Kern Co., Cal. Architect's name not given. Owners, Bakersfield Club. The building will be erected at the corner of 19th and F streets, and has been designed for a modern city club. Interior arrangement will include several large social rooms, billiard hall, bowling alley, dining room, library and several living apartments. Interior finish will be of pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the Building Committee, which consists of F. N. Scofield, W. E. Benz and J. A. Hughes. Bids will be called for within three weeks.

SCHOOL—1 story and base, brick. Cost not stated. Hanford, Kings Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Roman Catholic Parochial School. The building will be designed for two class rooms and a parochial hall. Interior will be of pine and redwood. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SEWER SYSTEM, ETC.—\$105,000. Engineer, City Engineer, Hanford. Owners, City of Hanford. An opinion has been rendered to the effect that the \$105,000 bond issue voted for municipal improvements in Hanford is illegal. This opinion is expected to affect the contract recently awarded to Chambers & Heafey of Oakland for about \$50,000 worth of sewers. The contract will probably be abrogated, although no such action has yet been taken.

Contracts Awarded.

LODGE HALL—1 story and base, brick, \$36,000. Fresno, Fresno Co., Cal. Architects, Starbuck & Clark, Fresno Owners, Knights of Pythias. Contractor, D. A. Cowan, Fresno. Contract price, \$36,000. Note: The building will cover an area of 75x700 feet.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, E. R. Jeffery, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. The building is to occupy a corner site and will contain 90 rooms arranged in two and three room suites with private baths and wall beds. Interior will be finished in pine with some hardwood floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. The work has been mentioned here before. Plans are now complete and figures are being taken.

APARTMENT HOUSE—4 story and

base, brick. Cost not stated. Los Angeles, Cal. Architects, Home Seekers Building Corp., Higgins Bldg., L. A. Owner, Mrs. P. G. Tompkins. The building will cover an area of 42x130 feet and will contain 80 rooms, arranged in two and three room suites with private baths and wall beds. There will be steam heat and elevator service. Interior finish will be of pine with some hardwood floors and oak veneer. Bath rooms will have tile wainscot and composition floors. A vacuum cleaning system and a hot water plant will be installed. The exterior of the building will be faced with pressed brick. Plans for the work are being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, F. Lane. The building will cover an area of 46x135 feet. The interior has been planned for 75 rooms, arranged in suites of two and three rooms each. All apartments will have connecting baths and wall beds. Steam heat, a hot and cold water system, elevators and a vacuum cleaning system are specified in the mechanical equipment. Interior finish will be of pine and redwood with some oak floors. Baths will have composition floors and tile wainscot. Metal window frames and sash are specified. The exterior of the building will be faced with pressed brick. Entrance will be finished in marble and tile. Plans are being prepared.

RESIDENCE—2 story, attic and base, frame, \$10,000. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Milton E. Getz. Only preliminary plans have been prepared for this building, and details of construction will be given later. Mr. Getz may be addressed in care of K. Cohn & Co., 1st and Spring Sts., L. A.

LOFTS—5 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Owner, Mrs. F. W. Sabieh. The building will be erected at the corner of Los Angeles and South Seventh streets, and will cover an area of 116x140 feet. Several stores will occupy the first floor and upper floors will be arranged for large light lifts. There will be steam heat, both freight and passenger elevators and a vacuum cleaning system. Copper sash will be used in the first story. Upper floors will have metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are complete and subfigures are being taken by Richards-Neustadt Co.

DEPARTMENT STORE—8 story and base. Class A, \$1,000,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Broadway Department Store. This building will be erected at the southwest corner of Broadway and 4th streets, and will cover an area of 24x161 feet. All work will be under the supervision of the C. B. Weaver Construction Co., Wright and Callender Bldg., L. A. A contract for the structural steel work has been let and subfigures are being taken on the various other parts of the work through the Weaver Co.'s offices.

WAREHOUSE—3 story and base, brick, \$20,000. Los Angeles, Cal. Architect, none. Owners, J. M. Overell Furniture Co., 700 South Main St., L. A.

This company has ordered plans prepared for a warehouse structure 70x140 feet. There will be brick exterior walls faced with blue pressed brick. Interior construction will be of the heavy mill type. Plans include elevator service. Bids will be called for on the work within a short time.

FACTORY—2 story and base, brick, \$20,000. Los Angeles, Cal. Architect, T. Beverly Keim, Jr., Co., Title Insurance Bldg., L. A. Owner, J. W. Earl. The building has been designed for a photo engraving plant and has been leased for a long term to the National Engraving Co. The structure will cover an area of 50x145 feet. Interior will be finished in pine throughout. There will be metal window frames and sash. The exterior will be faced with pressed brick. Plans are being prepared.

HOTEL—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, E. C. Thorne, 631 So. Spring St., L. A. Owner, I. I. Dehall. The building will be 64x106 feet, and will be arranged for stores on the first floor and 100 guest rooms and a number of baths on the upper floors. Plans include elevator service, steam heat and vacuum cleaning. Interior finish will be of pine and hardwoods. The exterior of the building will be faced with pressed brick. Bath rooms will have cement floors. Plans are being prepared and the work will probably be done by Day Labor.

HOTEL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Frank M. Tyler, Hibernian Bldg., L. A. Owner, A. W. Ross. The building will be erected on a corner site, and will cover an area of 70x140 feet. Several stores and the hotel lobby will occupy the first floor. Upper floors will be arranged for 27 guest rooms and 10 baths to each floor. Interior finish will be of pine and redwood. Tile will be used in the baths. There will be steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are nearly complete and the work will probably be done by Day Labor.

Contracts Awarded.

APARTMENT HOUSE—3 story and base. Class C construction, \$36,000. Los Angeles, Cal. Architect, Leonard A. Cooke, 100 East Colorado St., L. A. Owner, Mrs. F. T. Dandy. Contractor, Whiting Thompson, Douglas Bldg., L. A. Contract price, \$36,000.

GARAGE—2 story and base, brick, \$50,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nux Bldg., L. A. Owner, J. A. Graves. Contractor, Carl Leonhardt, H. W. Hellman Bldg., L. A. Contract price, \$50,000.

ASSOCIATION BUILDING—3 story and base, brick and steel, \$50,000. Santa Barbara, Santa Barbara Co., Cal. Architects, E. Russell Ray and Windsor Soule, Santa Barbara. Owners, Young Men's Christian Association. Contractor, E. F. Edwards, East Pedregosa street, Santa Barbara, general construction, \$50,000. Bids are now being taken for the plumbing, painting, electric work and steam heating by the architects.

HOTEL—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, Eugene Pourroy. Contractor, Joseph F. Rhodes, Central Bldg., L. A. Contract price not stated.

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Thirteenth Year, No. 11.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

Successor to:

California Architect.

Industrial News of Alameda Co.

Builder and Contractor.

Western Builder.

THIS WEEK'S ILLUSTRATIONS:

Six Story Apartment House To Be Erected
For Mr. Klimm on Ellis Street, near Jones.
Designed by Architects Salfield & Kohl-
berg, San Francisco.

Modern School Building Now Nearly
Complete At Salt Lake City. Designed by
Architects Eldredge & Chesebro, Salt
Lake City.

TUESDAY, MARCH 18, 1913.

SAN FRANCISCO AND OAKLAND,

CALIFORNIA

Contractors Equipment

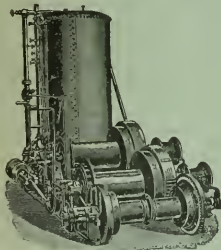
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Thirteenth Year No. 11

BUILDING and INDUSTRIAL NEWS

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Editorial Comment.

Again reports are made in the papers that a German inventor has perfected an apparatus for transmitting photographs by telegraph. The mechanism involves the same principle that has often been used before with partial success. That of breaking up the image formed by a lens or a mirror upon a screen into a number of points like the production of a screen on a halftone plate. This screen is composed of selenium, a substance that is susceptible to light, and through the various points produces an electric current that effects a similar change in a similar apparatus at the other end of the wire. This process is said to have been perfected to such an extent that practical results have been obtained. What with the moving picture, the telephone and the dictograph soon there will be nothing happen in the world that everybody will not be able to see and hear.

The question of transportation to the fair site is beginning to assume serious proportions. As usual the United Railroads keeps holding on to its policy of holding up the city and the Chronicle comes forward as usual with its pleading for private capital and the plunderbund. Private capital in street railways in San Francisco means the United Railroads. And the lue and cry that goes up that private capital will not invest in street railways if the city enters the field means only that the United Railroads will attempt to tie up the city unless they get their own way.

There never would have been such a unanimous popular demand for a municipal railway if this corporation had not stolen the ground from under the feet of the citizens by methods which have disgraced the fair name of the city. If private capital, as represented in the United Railroads, can not produce its books to the Public Utilities Commission that body has rightly decided that it will not allow it to issue further securities. If private capital, as represented in the United Railroads, will make no further extensions nor try to accommodate the people at the exposition then some action should be taken to see what can be done in the matter of forfeiting the franchises already held. Neither the Board of Supervisors nor the citizens of San Francisco are wanting to forfeit the right of this bulldozing and dimincering corporation be made to realize that it can no longer make the people pay an unearned dividend on a fictitious capital many times the actual investment

Building operations throughout the county for the past month maintained about an even break. From some fifty cities throughout the country reports to the American Contractors show a gain in the aggregate of about ten per cent over the same month last year. This in the main was due to the fact that New York and Chicago both showed substantial gains, while throughout the county there was generally a slight falling off. Seattle showed a marked gain during February, the total or last month being more than three times that of the same month in 1912. Generally the Pacific Coast cities have just about held their own. Particulars are shown in the following table:

City	February, 1913.		February, 1912.	
	Cost.		Cost.	
Akron	188,165	\$	58,475	
Atlanta	516,681		402,337	
Baltimore	723,135		532,070	
Buffalo	347,000		1,288,000	
Cedar Rapids	106,000		115,000	
Chattanooga	134,855		357,410	
Chicago	4,668,600		3,777,100	
Cleveland	1,142,725		389,920	
Columbus	225,890		210,251	
Denver	213,600		446,500	
Duluth	83,500		114,630	
Fort Wayne	72,000		87,800	
Grand Rapids	142,500		157,555	
Harrisburg	42,375		95,875	
Hartford	114,560		186,085	
Indianapolis	479,653		82,040	
Kansas City	488,000		999,110	
Los Angeles	1,692,582		2,152,963	
Louisville	553,320		999,560	
Manchester	26,390		57,380	
Memphis	248,475		602,221	
Milwaukee	518,836		430,026	
Minneapolis	361,590		330,855	
Newark	1,094,009		478,432	
New Orleans	387,906		149,045	
Manhattan	9,160,535		6,977,646	
Brooklyn	2,294,850		1,894,467	
Bronx	2,422,185		1,987,840	
New York	13,877,570		10,850,953	
Norfolk	317,359		335,088	
Oakland	594,814		518,572	
Omaha	236,988		219,195	
Philadelphia	1,414,645		2,029,385	
Pittsburg	769,161		362,147	
Portland, Ore.	690,240		1,128,176	
Rochester	463,024		644,676	
St. Joseph	40,115		19,235	
St. Paul	218,656		269,994	
San Antonio	127,390		171,310	
San Francisco	1,979,493		1,696,232	
Seranton	69,730		144,790	
Seattle	1,468,560		473,940	
Shreveport	97,129		65,905	
Sioux City	92,650		32,750	
South Bend	8,600		5,370	
Syracuse	441,200		136,050	
Toledo	406,280		236,197	
Wilkes-Barre	22,520		113,305	
Worcester	181,502		112,525	

Total

\$38,094,706

\$34,016,185

The Evolution and Development Of the Fireplace.

—BY H. B. SMITH—

Just how the world got on without fireplaces as long as it did is hard for twentieth century folk to figure. But in the oldest castles, manor houses and monasteries of Europe there were no fireplaces such as we know. For the first thousand years or so of this era men were too busy fighting to have much time to spend at home, and the homes of early kings and nobles were rather fortresses than houses. The principal feature of these was a great hall where a king or noble and his retainers celebrated a victory with much feasting and drinking, or retired to nurse the wounds of a defeat.

How to keep warm in one of those great, lofty flag-paved halls would present a problem at any stage of the heating game, and their owners solved it in the simplest, most primitive way. They wore heavy clothes, drank lots of ale, and built a huge fire on the floor in the center of the hall, at which they could warm one side at a time while awake, and their toes when they went to bed on the flags. The smoke from the fire curled over their heads and found its way out through a hole in the roof called a *louvre*.

The cooking was done about this fire, and after the feast the retainers slept on the floor of the hall, while the lord and master slept in a small room opening off one end. Later there were separate kitchens, and though the fireplace was no more than a shallow pit in the floor or a slightly raised hearth, and the chimney a hole in the roof. Right royal feasts were made over them, of boars and bucks and sheep and cattle, roasted whole and served with many a leathern blackjack of ale to wash it down. A kitchen of this type is the one remaining feature of Glastonbury Abbey of England, which dates back to the twelfth century. The building was neither more nor less than a huge stone chimney, with a couple of doors and a few windows. In it were four huge fireplaces, not recessed, as our sense of the word implies, but mere places where fire was built, around which cooking was done for the monks, the smoke and fumes rising skyward through holes in the peak of the octagonal roof.

The nearest approach in early Norman days to a fireplace of any sort was one against the wall, but instead of having a recess for firelogs and back there was merely a slope backward from the base, and against this slope logs were probably placed on end. Chimneys were not common even in the finest houses until the fifteenth century. They seemed to have been first built in the solar, or upper chamber assigned to women in feudal days.

When fires first left the center of the great halls and took to one of the walls, they were built on a low, projecting hearth. Over this hearth was a hood resting on brackets or columns, which directed the smoke upward. Where the slanting roof of the hood merged into the wall, the flue sometimes went straight through to the outer side of the wall. This fashion never became general, and very soon the flue crept straight up the inner

wall to the roof, where it was capped by a spire or other ornamental feature. Sometimes this flue retained the hood shape all the way to the roof, but again it was built in more rectangular form.

By the fifteenth century there was less need of fighting. Men cared less to wander from their own firesides, and began to care more about what those firesides were like. There followed such a building boom throughout Europe as has never since been known. Millions of money and more millions of men were spent in building what are yet marvels and models in architecture. As life, to the few, at least, became a more comfortable and more private affair, living rooms increased in number, and scarcely a room was without its fireplace. The old fortresses were remodeled, and in their thick walls was ample space for both hearth and flue to be built, roomy enough for sections of whole trunks of trees, with plenty of wall beyond.

At first the fireplaces were simple, with arch flush with the wall and a small mantel above, sometimes plain, sometimes slightly carved. The chief subject for decoration was the heraldic device of the owner. As the Gothic style evolved and merged into the Renaissance, more and more attention was given to mantelpieces, until they and bedsteads vied with each other for first place in interior decoration, and were to the interior what the entrance was to the exterior. Fire-dogs and firebacks were elaborately wrought, to keep pace with the mantel pieces. Some of the earliest dogs had at the top a cup holder, which could be raised and lowered, and was evidently intended for mulled ale.

The materials used in mantel-pieces varied with the locality. Perhaps the finest work of the middle centuries in England was done in wood, which progressed from simple paneling to elaborate carving. Hard chalk and stone were also used in regions where they were more plentiful than oak forests; and in very great houses there was carved marble, largely under the influence of Italian workmen who came with their Renaissance ideas and their facility for working in marble when Henry VIII. and Elizabeth stretched forth a welcoming hand to foreigners.

In France wood was perhaps less used than marble and stucco, while in Italy marble was more common than any other material. Germany confined itself very closely to porcelain stoves, though in some of the old castles there are simple forms of open fireplaces. Holland was famous for its tile, for both stoves and fireplaces.

In France, as in England, the commonest scheme of decoration was the use of coats of arms, and one of the oldest mantelpieces to be seen there is in the Chateau Blois, famous as a favorite residence of the diabolical Catherine de Medici during her long reign of terror in France. It was built about the fifteenth century, probably by Louis XII., as it bears in one panel the porcupine of the house of Orleans, and in the other the ermine

of his queen, Anne of Brittany, and their initials. Francis I., who succeeded this king and was a great patron of Italian art, built a new wing to the chateau with mantelpieces much more ornate if less beautiful in proportion. One of the finest bears his device, the salamander, which, together with his motto, "I nourish the good and extinguish the evil," was very appropriate for a fireplace.

A visit to the mediaeval manor houses and chateaux is like digging around the roots of a family tree. These old fireplaces and chimney-pieces are the grand-daddies of our modern ones. After them many are today being fashioned, with such changes and improvements in interior construction as conditions require and inventive genius can contrive. There is no longer need of a roomy chamber for the chimney sweep, nor for the heavy beam which braced the chimney in many ancient fireplaces, and proved fatal to many great mansions in remote regions with no fire protection. When one thinks what these mediaeval monuments have been through, it is surprising that anything is left to tell the tale of their former glory. During the French Revolution the mobs vented their rage against the rulers by destroying as much of their costly work as possible; and during the revolution of taste to different centuries finely carved stone chimney-pieces have been carefully painted and grained to imitate wood, and others torn out and replaced with some fad of the moment.

In the early days of our own country, of necessity the pioneers went back to first principles. Fireplaces were ample in size and modest in decoration. How ample may be seen by the various adjuncts to a colonial fireplace—spits and big dogs, and kettles of all sorts and sizes swinging from the pot-hooks and hangers—some even having a seat inside them. How simple, may be seen in the few houses still standing that date back to colonial days.

Naturally, in early days the fireplaces showed the influence of the various mother countries. In the Dutch settlements tile was used about the opening. In English settlements a broad beam took the place of an arch, and in the South, where there were many English proprietors of means and refined taste, the decorations, though simple, were remarkable for delicacy and grace. Some were of delicately carved wood, others of cement composition decorated in low relief, and others of marble. Almost without exception they were white, with gold leaf on the relieved portions.

With the stove era fireplaces went out of fashion. A few houses had mock fireplaces where no fire was ever built, and showy mantelpieces as ugly as everything else about most American houses until within the past decade or two. About the only genuine thing in the way of a native American fireplace was that built in some Western prospector's cabin or mountain

After stoves the introduction of central heating made the open fireplace still more unnecessary, and odd enough the self-same thing has made possible the recent revival. Now, never before, the fireplace can be considered from the aesthetic rather than the practical view-point, and there are no two opinions as to the charm of the open fireplace. There is something so cheerful and inviting about it, something so companionable with the glow of the coals and crackling of wood, something so conducive to contentment and to dreaming, that no home is complete without at least one. And since one need no longer depend on the open fireplace for warmth in large rooms, it can fulfill its perfect mission—that of beauty and good cheer. Be sure, more than a hundred years ago Count Rumford invented a fireplace that he pledged his word, and proved would heat comfortably rooms more than ordinary size, but there are restrictions in the dimensions of opening that detract from the charm of Rumford fireplaces.

The fireplace of today may be traced to a varying ancestry. Just as good democrats like to think themselves of aristocratic origin, so as many as possible fashion their fireplaces after those of mediæval palaces. In the House reading room in the Congressional Library at Washington, we, the people, have blazoned our royal device in the center of a massive chimney-piece; and in private homes as well as public buildings there are mantelpieces that rival in splendor those built by the order of dukes.

Obviously, however, elaborate chimney-pieces are not suited to bungalows and other small houses, and in these modest homes, in country houses and mountain inns, are found the descendants of some humble cotager of Old England with heavy beam and cozy settle; some quaint Dutch burgher with pictured tiles; some half-savage Norman with low-eaved hood; and there are those who do not disdain the humble American origin of the western pioneer, built of rough logs picturesquely piled at the end of a cabin. Indeed this typical American fireplace and chimney of irregular shingles has attained a great popularity, and it should encourage architects to seek close at hand for inspiration, both in the matter of material and its use. Since fireplaces no longer have value in the form of carved bedsteads, in the olden days, they stand supreme as the conspicuous feature of the interior of a house, and to have been harmonious and satisfying is worth all the thought and effort that may be spent on them.—From *Radiator* published by the United States Radiator Corporation.

HARDWOOD FLOORING TROUBLES.

The laying of hardwood floors (kiln dried) requires a great deal more thought and mechanical skill than a great many imagine. When the carpenter has completed a nice, pleasing job of floors and shortly afterward he is asked to come back; and is shown where they have raised up, and he is told that he did not put in good stuff, his work was faulty and a hundred and no other things that he is not to blame for, it is most certainly very annoying.

What the writer proposes to discuss here is: what is the cause of this trouble, and how it may be overcome. In the first place, every carpenter knows that very dry lumber is easily acted upon by dampness, and he also knows that the only thing that will cause a floor to raise is that the floor has swelled up after being laid, and that the only thing that will make it swell is dampness. Tell the average lay person that dampness has caused their floor to raise and they will not believe you; they will say that cannot be, for there never was any water put on it, etc. I want to state right here that it not necessary to wash the floors with water or put any on them for them to absorb moisture enough to cause them to swell sufficient to THREE March 13 HOYT

throw them out. It will be observed that floors seldom act in this way in the winter time when there is heat in the building, but it usually happens in warm weather and after a period of wet weather, when the air is full of dampness. So much for the cause.

We will now see if anything can be suggested that will in any way tend to overcome this trouble. When the carpenter is called upon to put down hardwood floors, the first thing he should study is the existing conditions. He should investigate and see if there would be any likelihood of any dampness coming up from below through the under floor. If so, either of the following preventatives may be used: The hardwood flooring may be well painted on the under side with a good waterproof paint, or a good waterproof paper may be used between the floors. As soon as the floors have been laid, they should be finished on top with some reliable waterproof finish. They may be oiled with boiled linseed oil, or they may be filled with a good paste filler, then shellacked and varnished, or they may be given a wax finish.

Another precaution that should not be overlooked is to allow room for the floors to work. At least one-half inch space should be left at each wall, which would be covered up with the shoe. Then, in case the floors take up a little dampness, it will have room to push to the wall.

It will also most generally be found that when a floor does rise it is about the center of the room, showing that it pushes both ways to the walls and then to the center.

Considerable three-eighths inch thick veneer flooring is being used for floors in old buildings. The writer has found by experience that the narrower the flooring the less liable to give trouble, for the reason that there is very little nailing body to these three-eighths inch stuff, and you have to use a 4d or 1½-inch casing nail, and with the narrow stuff you get a better nailing surface.—The National Builder.

FLOOR HEATED ROOMS.

The beauty, the durability and the sanitary qualifications of the mosaic or tile floor has led to its introduction in the American home with a somewhat rapid progress since the concrete form of building has been so extensively used. With the advent of floors of this type the question of floor heating has been raised, and leads to a study of the methods of heating buildings in the ancient days,

when the floors were extensively used, not only in home, but in public buildings. In some of the Roman buildings there were piers 6 inches square placed on about 24-inch centers, on which the corners of the flat tiles, which were laid for a floor, met. The piers were high enough to leave a space of from 16 to 20 inches beneath the tiles. Over these tiles a more attractive and smoother wearing surface was laid. In the colder seasons arrangements were made to send the smoke and gases from a fire through the flues under the floor formed by this type of construction. In this way the floor was kept at a temperature comfortable to the occupants of the room. This method of heating a room was the only one employed. In the recent construction of one of the college buildings of Cornell University at Ithaca, N. Y., the floors are used throughout, and to avoid complaint from a cold floor steam pipes were laid in cases in the upper surface of the floor around the edge of the room. The pipes were then surrounded with concrete and covered with a decorated tile. It is pointed out that this eliminates the use of a radiator in the room. This experiment will be watched with some interest by architects and builders, especially by men associated with the heating trade. In the average American home, with its wooden floor, any heat that is lost from the heating apparatus, whether it is a warm-air furnace or a steam or hot water heater in the basement, is absorbed by the floor, adding substantially to its warmth, and goes a long way toward making the building comfortable for habitation. In such buildings the question of floor warming or floor heating is of no moment, but heating contractors having occasion to install their work in residences which have concrete floors are liable to meet a new experience, particularly where concrete or tile floors are extensively used.—The Building Age.

FORESTS OF THE WORLD.

By a recent estimate the forest area of the world is placed at 4,000,000,000 acres, or 24 per cent of the total land area. The countries estimated as having more than 10,000,000 acres of forest are as follows:

Country	Acres
Russia, European	464,610,000
Finland	52,500,000
Austria	23,996,266
Hungary	18,692,000
Sweden	40,390,325
Germany	34,989,673
France	24,021,587
Spain	16,065,000
Italy	10,115,404
Russia, Asiatic	348,030,000
India	149,000,000
Japan	57,718,410
Philippines	49,000,000
Australasia	126,720,000
Madagascar	25,000,000
South America	528,000,000
Central Africa	224,000,000
West Indies	42,668,500
Canada	799,360,000
Mexico	25,000,000
Alaska	107,000,000
United States	515,000,000
Norway	16,418,000

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Milton Lichtenstein, 111 Ellis St. S. P. Owner, Hyme Jacobs. The building will be erected on Jackson street, west of Locust, and is designed for six apartments, each of which will consist of six rooms and two baths. Interiors will be finished to suit the tenants, who have already leased the suites. There will be steam heat, a vacuum cleaning system and dumb waiters. Much hardwood and tile will be used. All suites will have wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel, \$75,000. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Calvin E. Knickerbocker and A. Boswick. The building will cover a ground area of $46\frac{1}{2} \times 65\frac{1}{2}$ feet, and is to be arranged for a total of 45 apartments of two three and four rooms each. All suites will have wall beds and private bath. Interior will be finished in pine and hardwoods with ornamental plaster in the lobby, reception hall and parlors. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Bath rooms will have tile wainscot. The exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Miss D. Loaliza. The building will be erected at the corner of Washington and Taylor streets, and is to cover an area of $55 \times 127\frac{1}{2}$ feet. There will be a number of two and three room apartments with wall beds and private baths. Interior finish will be of pine and hardwood. Plans include steam heat and a hot water system. Tile will be used in the baths. An attractive lobby and entrance has been designed. The exterior of the building will be covered with rustic and metal lath and plaster. Plans are complete and figures are being taken by the architects.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$14,000. Architect, none. Owner, F. W. Lurmann, 1760 Hyde street, S. F. The building will be $27\frac{1}{2} \times 123$ feet with twelve apartments of three rooms and bath each. Interior finish will be largely of pine. Some elm panels will be used. There will be steam heat and a hot water supply system. All suites will have wall beds. Tile floors will be used in the baths and entrance lobby. The exterior of the building will be covered with brick veneer, and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. He is now purchasing all materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$40,000. Ar-

chitect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected in the Lakeside District and is planned for one of the most modern apartment house structures in the city. Preliminary plans have only been started and details have not been fully decided upon. Suites will probably be of two and three rooms each with bath. Interior will be handsomely finished, considerable hardwood and tile being used. There will be steam heat and a vacuum cleaning system. All suites will have wall beds. Exterior will be covered with cement plaster on metal lath. Complete details will be given as the plans progress.

SACRAMENTO, CAL.—Apartment house, 5 story and base, reinforced concrete, \$182,000. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Dr. Faris. This building, which is to be erected at the corner of 13th and N streets, will be the largest apartment house structure in the Capitol City, covering an area of 120×160 feet. There will be upwards of 100 suites, ranging from two to four rooms each. The plans embrace all of the modern conveniences, and a number of unique features, including sleeping porches for each of the apartments, a cooling system and fountains. There will be steam heat, oil burning plant, both freight and passenger elevators, dumb waiters, a vacuum cleaning system and hot water supply system. Interior will be finished in pine and hardwoods. All bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with terra cotta. Plans are complete and figures are being taken by the architects.

SAN JOSE, SANTA CLARA CO., CAL.—Apartment house, 2 story and base, brick and frame, \$13,000. Architect, Charles T. McKenzie, Bank of San Jose Bldg., San Jose. Owner, Julius Wesnitzer. The building will be erected at the corner of San Salvador and First streets, and is to contain stores on the first floor and a number of modern apartments on the second floor. Stores will have patent store fronts and plate glass windows. Interior finish on the upper floor will be of pine throughout. Some structural steel is specified. The exterior of the building will be faced with pressed brick. Plans have been completed and figures are now being taken.

PORTLAND, ORE.—Apartment house, 2 story and base, brick, \$25,000. Architects, Bridges & Welber, Hamilton Bldg., Portland. Owner's name withheld. The building will cover an area of 75×80 feet. The first floor will be arranged for four stores. The front portion of the upper floor will be subdivided into five large offices and the remainder of the space will be divided into five three-room suites with baths and wall beds. Interior finish will be of pine throughout. There will be steam heat. The exterior of the building will be faced with pressed brick. Plans are being prepared.

PORTLAND, ORE.—Apartment house, 2 story and base, brick, \$25,000. Architect, C. A. Duke, Failing Bldg.,

Portland. Owner, E. Kleist. The building will be erected on a corner lot and is to be arranged for stores on the first floor and a number of two and three room apartments on the upper floor. Interior will be finished in pine throughout. Plans provide for steam heat and a hot water system. All suites will be equipped with wall beds. There will be connecting baths. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$21,000. Architect, E. Kollofrath, Phelan Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Buchanan and Herman streets and has been arranged to contain fifteen suites of two and three rooms each. All apartments will have wall beds and private bath rooms. Interior finish will be of pine throughout. Baths will have tile wainscoting. A central heating system will be installed. The exterior will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$25,000. Architects, Architectural Designing Co., Gross Bldg., L. A. Owner, J. D. Caldwell. The building will contain fifty rooms, which are to be arranged in suites of two and three rooms each with connecting baths. Interior will be finished in pine throughout. There will be steam heat and vacuum cleaning system. A hot water plant will also be installed. All suites will be equipped with wall beds. Tile will be used in the bath rooms. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will probably be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 1 story and base, brick and steel. Cost not stated. Architects, Kysor and Biggar, Wright and Callender Bldg., L. A. Owner, F. Lane. The building will have a street frontage of 48 feet and a depth of 125 feet. There will be a total of 66 rooms, which are to be arranged in two and three room suites, all of which will be equipped with wall beds and connecting baths. There will be steam heat, elevator service, vacuum cleaning system and a hot water heater. Interior will be finished in pine and hardwood. Tile and cement will be used in the baths. Entrance vestibule will be finished in marble and tile. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Apartment house, 3 story and base, frame, \$10,000. Architects, A. C. Swartz & Son, Fresno. Owner, P. S. Turnbull. The building will be erected on a corner site and will be arranged for two, three and four room suites with baths and wall beds. Interior will be finished in pine and some hardwood. There will be gas grates. Mantels will be of tile. Tile will also be used in the bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 10 story and base, reinforced concrete. Cost not stated. Architects name withheld. Owner, R. H. Arnold, President Alta Planning Mill

830 McGarry St., L. A. The building will be erected at the corner of 9th and Valencia streets, and will cover an area of 110x120 feet. Only preliminary sketches have been prepared and details are not available. Sketches show a building arranged for 40 rooms and of fireproof construction. Negotiations for financing the project are now underway.

WESTMORELAND, IMPERIAL CO., CAL.—Apartment house, 1 story and base, brick. Cost not stated. Architect, Fielder Slingluff, Jr., Security Bldg., L. A. Owner, E. D. Turner. The building will contain 40 rooms which are to be arranged in sixteen suites of two and three rooms. All suites will have private baths and wall beds. Interior will be finished in hardwood and tile. There will be steam heat, a vacuum cleaning system and hot water supply plant. Bath rooms will have tile wainscot. An attractive lobby has been designed. The exterior of the building will be faced with cement plaster. Plans are being prepared.

EUGENE, ORE.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Vincent, Russell & Prenske, Eugene. Owner, G. W. Irwin. The building will be erected on a corner lot and will cover an area of 56x86 feet. There will be 21 two-room suites, all of which will have connecting baths and wall beds. Plans include an automatic elevator and steam heat. A hot water plant will also be installed. Bath rooms will have cement floors and tile wainscot. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$55,000. Architects, C. F. Borton & Co., Hibernian Bldg., L. A. Owner, Julia A. Gove. Contractors, C. F. Borton & Co., Hibernian Bldg., L. A. Contract price, \$55,000.

BANKS.

DINUBA, TULARE CO., CAL.—Bank alterations 2 story and base brick. Cost not stated. Architect, J. Carl Thayer, Fresno. Owners, Commercial National Bank. The work will include the construction of a new front, complete new interior finish and fixtures, vaults and ornamental bronze work. Interior finish will be of hardwood, tile and marble. Plans are complete and figures are being taken.

BRIDGES, DAMS AND HARBOR WORK.

SANTA ROSA, SONOMA CO., CAL.—Bridge, concrete. Cost not stated. Engineer, C. Sherer, County Surveyor Santa Rosa. Owners, Sonoma County. Plans for a small concrete bridge over the Santa Rosa-Sebastopol Road have been approved by the Supervisors, and bids are to be opened on April 10th. Complete information, plans and specifications can be secured from the County Surveyor at Santa Rosa.

Contracts Awarded.

LA GRANGE, STANISLAUS CO., CAL.—Bridge, steel and concrete, \$25,000. Engineer, County Surveyor Anner, Modesto. Owners, Stanislaus County. Contractors, Willison & Fos-

ter, Oakland. Contract price, \$24,133. Other bids were submitted as follows: T. K. Beard, \$27,000; M. B. White, Stockton, \$22,500; Ross Construction Co., Sacramento, \$27,335; Midland Bridge Co., Kansas City, Mo., \$30,107; O. A. Wilson, San Francisco, \$29,516; and Chico Construction Co., Chico, \$30,280.

CHURCHES.

ORANGE, ORANGE CO., CAL.—Church, 1 story and base frame and brick \$25,000. Architect, Frederick H. Eley, Hervey-Finley Bldg., Santa Ana. Owners, German Evangelical Lutheran Church. The building will be of frame construction, faced with brick veneer and artificial stone trimming. Interior will be arranged for a large main auditorium and Sunday School rooms. Interior finish will be of pine and hardwood. A central heating system will be installed. Plans have just been started.

LONG BEACH, LOS ANGELES CO., CAL.—Church and school, 1 and 3 story, brick and steel, \$50,000. Architects, Frank T. Keglby and T. Foster Ema, associated, Consolidated Realty Bldg., L. A. Owners, St. Anthony's Roman Catholic Church. The church will be Gothic in style. It will be one story and basement, of brick construction with ruffled brick exterior facing, artificial stone trim, tile roof, steel roof trusses, art glass windows, concrete foundation and basement, etc. It will cost about \$50,000. The school will be a three-story structure of brick construction, and the pastor's residence two stories. It will contain twelve rooms and will be of brick and frame construction. Plans are being prepared.

WALLA WALLA, WASH.—Church, 1 story and base, brick and stone, \$60,000. Architects, Bezer Bros., Northern Bank Bldg., Seattle. Owners, First Congregational Church. The building will contain a large auditorium, Sunday school rooms, pastor's study, social rooms and kitchens. Interior will be finished in pine and hardwood. There will be a central heating system. Roof is to be of slate. The exterior of the building will be faced with stone and pressed brick. Plans are being prepared and the work will be done by Day Labor. The architects will let all sub-contracts and purchase all materials.

COURT HOUSES.

WALLA WALLA, WASH.—Court house, 2 story and base, brick and stone, \$150,000. Architects, Bezer Bros., Northern Bank Bldg., Seattle. Owners, Walla Walla County. Architects have just been selected to prepare plans for a new county building which will replace the old and dilapidated structure. No details of the building have been decided upon and the architects are now in Walla Walla making an investigation of the requirements.

FACTORIES & WAREHOUSES.

SAN FRANCISCO.—Factory, 1 story, steel and frame, \$4,000. Architect, none. Owners, West Coast Iron Works, 649 Monadnock Bldg., S. F. This building has been designed for a steel furnace shed. Some structural steel will be used and the exterior will be cov-

ered with corrugated iron. Plans are complete and the work will be done by Day Labor.

LIVERMORE, ALAMEDA CO., CAL.—Factory group, 26 buildings. Cost not stated. Architect, none. Owners, Coast Manufacturing and Supply Co., Livermore. This company is establishing a new plant. Several of the above mentioned buildings are already erected and construction on a number of others will follow at once. With the exception of the main administration building all other structures will be one story in height.

LOS ANGELES, CAL.—Warehouse, 3 story and base, brick and steel, \$30,000. Architect, A. W. Kiewit, California Bldg., L. A. Owners, J. M. Overell Furniture Co. The building will cover an area of 99x140 feet. Construction will include considerable structural steel, fireproof doors, metal window frames and sash, elevators and modern plumbing. Interior will be finished in pine. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

FLATS

FIRE HOUSES.

SAN FRANCISCO.—Fire house, 2 story and base, brick and steel, \$33,000. Architect, Architectural Dept., Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for Engine House No. 24, which is to be erected at the southwest corner of Hoffman avenue and Alvarado street, are complete and bids will be opened by the Board of Public Works on April 2nd. The exterior of the building will be faced with pressed brick and terra cotta. Interior will be finished in pine and hardwood. There will be special plumbing fixtures and electrical equipment. Steam heat will be installed. Plans can be secured from the Department of Architecture.

FLATS.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$7,500. Architect, C. O. Clausen, Philbin Bldg., S. F. Owner, E. Davis. A two-story frame building now occupying the property will be altered to contain six modern flats of four and five rooms each. The work will include new plumbing, electric work, plastering, interior trim and exterior work. Finish will be of pine and hardwood. Gas grates will be installed. The exterior of the building will be covered with cement plaster and rustic. Plans are complete and a contract will be awarded at once.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$8,000. Architect, none. Owner, David Condon, 4188 20th St., S. F. The building will be erected at the corner of 10th avenue and C street and is to cover an area of 28x80 feet. The first floor will be arranged for a store and upper floor for two or more flats of four and five rooms. Interior will be finished in pine and hardwood. The exterior of the building will be covered with rustic. Plans are in the hands of the owner and the work will be done by Day Labor.

OAKLAND, CAL.—Flats, 2 story and base, frame, \$4,500. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected in the Linda Vista Tract, and will be designed to

contain two modern flats of five and six rooms each. Interior finish will be of pine and redwood with some hardwood floors. There will be either open fire places or gas grates. Tile will be used in the bath rooms and kitchens. The exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

GARAGES.

LOS ANGELES, CAL. — Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, Myron Hunt, Hibernian Bldg. L. A. Owner, H. E. Huntington. The building will cover an area of 70x209 feet, and will be erected on the grounds of the Huntington Hotel at Oneonta Park. The first floor and part of the second will be used for storage space for automobiles. The balance of the second floor will be arranged for club rooms, baths and 40 living rooms. There will be metal window frames and sash, concrete floors and fireproof construction throughout. Heat will be supplied from the hotel. The exterior of the building will be faced with cement plaster. Plans are being prepared.

PORTLAND, ORE. — Garage, 1 story and base, reinforced concrete. Cost not stated. Architect, C. A. Duke, Failing Bldg., Portland. Owner's name not given. The building will cover an area of 68x100 feet and is designed for a commercial garage. There will be a cement floor over the entire area. Metal window frames and sash will be used. Interior of the front portion of the building will be finished in pine and hardwoods and is to be used for a sales room. The exterior will be faced with cement plaster. Plans will be complete and figures called for on April 15th.

PORTLAND, ORE. — Garage, 1 story and base, brick. Cost not stated. Architect, none. Owner's name not given. Contractor, J. S. Kilgren, Lewis Bldg., Portland. Contract price not stated. Note: This building will cover an area of 100x100 feet.

Contracts Awarded.

FRESNO, FRESNO CO., CAL. — Garage, 1 story and base, brick, \$8,000. Architect, none. Owners, Thompson Bros., Fresno. Contractor, E. J. Far, Fresno. Contract price, \$8,000.

GOVERNMENT WORK AND SUPPLIES.

Grand Junction, Colo., Public Building. The following bids were received by the supervising architect, Treasury Department, Washington, D. C., March 5 for the construction, complete, of the U. S. public building at Grand Junction, Colo.:

John J. Lumstem, Grand Junction, Colo., limestone, \$23,670; sandstone, \$125,670.

Campbell Building Co., Salt Lake City, Utah, sandstone, \$118,700.

Hiram Lloyd Building and Construction Co., St. Louis, Mo., limestone, \$121,839; sandstone, \$122,839.

J. H. Wiese, Omaha, Neb., limestone, \$104,335.

Dieter & Wenzell Construction Co., Wichita Kan., limestone, \$135,350; sandstone, \$134,800.

Wm. H. Maxwell, Phoenix, Ariz., limestone, \$98,738.

Puget Sound Hospital Building.

The contract for constructing contagious group buildings at the naval hospital, Puget Sound, Wash., bids for which were opened February 21, has been awarded to Geo. B. Eckman, Seattle, Wash., \$13,398.

Pier Work, Puget Sound.

On March 29 the chief, bureau of yards and docks, Navy Department, will open bids for pier 4 at the navy yard, Puget Sound.

It is the declared and acknowledged intention and meaning to provide and secure a concrete and timber pier, complete in every respect and ready for use; also certain dredging at the site of the pier. No piping is included in the specification.

The work consists of a reinforced concrete and steel superstructure supported on concrete cylinders, some of which are supported on wooden piles, the construction of a timber approach supported on cross-tied piles and includes all dolphins, fenders, fender springs, chocks, crane tracks, drains, snubbers, the furnishing and setting of all manhole covers and frames, the furnishing and installing of all bollards and cleats, and shall include all labor necessary to make the pier complete in all respects, and about 27,000 cubic yards of dredging. Proposals will be received for the whole work and for the pier and dredging separately.

The general dimensions of the pier shall be as follows: Width out to out of guard timber 80 feet; length of concrete portion 490 feet; length of approach 210 feet, all as shown on plans.

ESTIMATE FOR BARRACKS AND QUARTERS.

The Secretary of War has submitted to Congress supplemental estimates of appropriations required by the War Department for the service of the fiscal year 1914, as follows:

Barracks and quarters	\$115,428
Roads, walks, wharves, and drainage	30,000
Water and sewers at military posts	10,000
Military posts	625,000

Total

In this connection Mr. Stimson says: The amount estimated for "barracks and quarters" is required to construct the buildings enumerated in the footnote to the estimate, at the Presidio of San Francisco, to replace certain old frame buildings now occupying the site which has been approved for the Government Exhibit Building in connection with the Panama-Pacific International Exposition, while the estimates for "water and sewer" at military posts, and "roads, walks, wharves, and drainage" are submitted to provide funds necessary to complete the water and sewer system, and for roads, walks, and improvements, respectively, at the Army Supply Depot, Fort Mason, Cal.

With the amount estimated for "military posts" it is proposed to construct a regimental infantry barrack at the Presidio of San Francisco. The general condition of the cantonment at the Presidio, in which a regiment is now quartered, was not fully understood until after a personal inspection was

made after the estimates for 1914 had been submitted, and the proposed new barrack for better quartering the troops is considered a necessity second only to the quartering of troops in Hawaii and Panama. Provision is also made under this item for a large depot storehouse to take the temporary sheds now occupying the ground authorized to be used by the exposition on the Presidio reservation, and also for completing electrical and mechanical equipment for wharves and storehouses, including cranes, locomotives, etc.

The necessity for the erection of the buildings and other improvements contemplated by these estimates was not fully apparent when the regular annual estimates for 1914 were submitted.

Pocatello, Idaho, Public Building.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., February 28, for the construction, complete, of the United States public building at Pocatello, Idaho:

George Curley, Salt Lake City, Utah, limestone, \$104,900.

Campbell Building Company, Salt Lake City, Utah, limestone, \$105,300; sandstone, \$104,700.

Hiram Lloyd, St. Louis, Mo., limestone, \$109,254; sandstone, \$112,254.

J. E. Wiese, Omaha, Neb., limestone, \$101,180.

William H. Maxwell, Phoenix, Ariz., limestone, \$108,818.

Palmberg & Mattson, Astoria, Ore., limestone, \$95,700; sandstone, \$96,700.

H. E. Doering, Portland, Ore., limestone, \$92,829; sandstone, \$94,218.

William O'Neill & Son Company, Fairbault, Minn., limestone, \$109,339; sandstone, \$111,849.

W. D. Lovell, Minneapolis, Minn., limestone, \$99,450.

Dieter & Wenzel Construction Company, Wichita, Kan., limestone, \$116,450; sandstone, \$117,500.

Northern Construction Company, Milwaukee, Wis., limestone, \$109,900; sandstone, \$112,250.

Sound Construction & Engineering Company, Seattle, Wash., limestone, \$109,638; sandstone, \$109,638.

ARMY FORTIFICATION LAW.

The army fortification act, as signed by the President, provides for expenditures as follows:

Fortifications in Insular Possessions, Engineer Department.

For construction of seacoast batteries as follows:

In the Hawaiian Islands, \$70,000;

In the Philippine Islands, \$700,000;

In all, \$770,000.

For installation and replacement of electric light and power plants at the defenses of the following localities:

In the Hawaiian Islands, \$34,469.

For purchase and installation of searchlights for the defenses of most important harbors, as follows:

In the Hawaiian Islands, \$10,800;

In the Philippine Islands, \$20,600;

In all, \$31,400.

For protection, preservation, and repair of fortifications at the following localities:

In the Hawaiian Islands, \$500;

In the Philippine Islands, \$8,000;

In all, \$8,500.

For preservation and repair of structures erected for torpedo defense, and for maintaining channels for access to

torpedo wharves at the following localities:

In the Hawaiian Islands, \$500;
In the Philippine Islands, \$750;
In all, \$1,250.

For tools, electrical and other supplies and appliances, to be furnished by the Engineering Department for the use of the troops for maintaining and operating searchlights and electric light and power plants at seacoast fortifications:

In the Hawaiian Islands, \$750;
In the Philippine Islands, \$3,000;
In all \$3,750.

For construction of mining casemates, cable galleries, torpedo storehouses, cable tanks and other structures necessary for the operation, preservation, and care of submarine mines and their accessories and for providing channels for access to torpedo wharves at the defenses of the Philippine Islands, \$50,000.

HALLS AND SOCIETY BUILDINGS.

SAN FRANCISCO—City Hall. Class A construction, \$4,500,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids are now being called for on the first contracts in connection with the construction of the new City Hall. Bids will be opened on March 19th for the excavating and grading of the site. Plans are nearly complete for other parts of the work, and bids will be advertised for within a few weeks. All contracts will be let through the office of the Board of Public Works.

PASADENA, LOS ANGELES CO., CAL.—Club house, 4 story and base, brick, \$75,000. Architect, S. B. Mars-ton, Chamber of Commerce Bldg., Pasadena. Owners, Pasadena Athletic Club. Preliminary plans are being prepared for this building which is to be erected on Colorado street. The interior will be arranged for a large and modern gymnasium, dining rooms, club rooms and 46 sleeping apartments. There will be a large plunge and over 20 baths. Interior will be finished in pine and hardwoods. There will be steam heat and elevator service. The exterior will probably be faced with pressed brick. Plans have not progressed far enough to give further details.

NEWBERG, ORE.—City Hall, 2 story and base, brick. Cost not stated. Exchange Bldg., Portland. Owners, Town of Newberg. The building will be 50x50 feet in size. The first floor will contain the office of the Mayor, Council Chamber, offices of the Fire Department and several smaller offices. Second floor will also be arranged for a number of offices and the club rooms of the Newberg Commercial Club. Space has also been provided in the first floor for four fire trucks. The basement will be arranged for a jail. There will be steam heat. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Association building, 8 story and base. Class A construction, \$250,000. Architect, C. Frete Champney, Henry Bldg., Seattle. Owners, Young Women's Christian Association. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, \$250,000.

LOS ANGELES, CAL.—Museum, 1 story and base, reinforced concrete, \$55,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Southwest Museum. Contractors, J. C. Kuhnrich Co., Pacific Electric Bldg., L. A. General construction, \$50,850; Southern California Electric Co., 625 South Main St., L. A., electric work, \$1,260; W. D. Newell, 218 West First St., L. A., plumbing. Contract price not stated.

Contracts Awarded.

SAN LUIS OBISPO, SAN LUIS OBISPO CO., CAL.—Lodge hall, 3 story and base, brick and steel. Cost not stated. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, San Luis Obispo Masonic Hall Association. Contractor, W. J. Smith, San Luis Obispo, general construction; Union Hardware Co., San Luis Obispo, plumbing, and E. M. Payne, San Luis Obispo, heating.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, reinforced concrete. Cost not stated. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. Mary Hefferman. This building has been mentioned in these columns before when preliminary plans were started. The structure is to be erected at the southeast corner of Geary and Williams streets, and will cover an area of 56x87 feet. The entire first floor will be given over to an attractive entrance, lobby, offices and parlors. Upper floors will be arranged for about 90 guest rooms, all of which will have connecting baths. Plans include steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwoods. The exterior of the building will probably be faced with cement plaster. Construction will be carried out by the firm of Beach & Hefferman, David Hewes

SAN FRANCISCO—Hotel, 5 story and base, brick and steel. Cost not stated. Architects, C. M. and A. F. Rouseau, Monadnock Bldg., S. F. Owner, Theo. Rulfs. The building will be erected at the corner of Pine and Leavenworth streets, and will cover an area of 37x57 feet. Interior finish will be of pine and hardwoods. There will be in the neighborhood of ninety rooms and baths. The building will be heated by steam. There will be elevator service and a vacuum cleaning system. Lobby and parlors will be finished in hardwood and ornamental plaster. The exterior will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel, 2 story and base, frame, \$22,000. Architects, Dunn & Kerns, Monadnock Bldg., S. F. Owner, Mrs. Ella May Burke. The building will be arranged for stores on the first floor and about fifty guest rooms on the upper floors. There will be a number of baths. Plans include steam heat and a hot water supply system. Interior will be finished in pine throughout. Tile will be used in the baths. The exterior will be covered with cement plaster on metal lath. Patent store fronts are specified. Plans are complete and figures are being taken by the architects.

SAN FRANCISCO—Hotel, 6 story and base, reinforced concrete, \$75,000. Architects, Miller & Colmesnil, Lick

Bldg., S. F. Owners, Prior Estate. The building will be erected at the northwest corner of Eddy and Mason streets and will cover a considerable ground area. The first floor will contain five stores and the basement a large cafe. Upper floors will be divided into 55 guest rooms all of which will have connecting baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Metal window frames and sash will be used. Interior will be finished in pine, hardwood and ornamental plaster. Tile and cement will be used in the bath rooms. Exterior of the building will be faced with white cement plaster. Plans are nearly ready for figures.

SAN FRANCISCO—Hotel, 2 story and base, brick and steel, \$25,000. Architects, McDonagall Bros., Russ Bldg., S. F. Owner, I. Steinbart. The building is to be erected on Sutter street near Leavenworth, and will be arranged for stores on the first floor and rooms above. Interior will be finished in pine throughout. There will be several bath rooms which will have composition floors. A hot water system and steam heat will be installed. The stores will have patent fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel, 7 story and base, brick and steel, \$125,000. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Robert L. Colman. This building is to be erected in the north line of Sutter street, between Taylor and Jones streets. There will be in the neighborhood of 150 rooms, all with private baths. The owner will occupy the top floor, which is to be handsomely furnished. Plans include steam heat, elevator service, hot water supply, vacuum cleaning system and all other modern conveniences. Interior will be finished in pine, hardwood and tile. All bath rooms will have composition floors and the wainscot. Besides the guest rooms there will be a large office and lobby and parlors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

OAKLAND, CAL.—Hotel, 7 story and base. Class C construction, \$100,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owner's name withheld. The building will be erected within three blocks of the new City Hall, and will contain in the neighborhood of 100 guest rooms and a large number of baths. There will be steam heat, elevators, a hot water supply system and vacuum cleaning. Interior will be finished in pine, hardwoods, and tile. There will be a large office and lobby on the first floor. Bath rooms will have composition floors and tile wainscot. The exterior of the building will probably be faced with pressed brick. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, brick and steel, \$20,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, Mr. Teherassy. This building will be erected on the corner property adjoining Mr. Teherassy's new theatre building, designed by the same architect. There will be three stories on the first floor and in the neighborhood of 28 rooms and six baths on the upper floors. Interior will be finished in

pine throughout. There will be a steam heating plant of sufficient capacity to supply the theatre. Foundations and walls have been designed to carry a fourth story. All rooms will be supplied with hot and cold running water. The exterior of the building will be faced with pressed brick. Plans are being prepared.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, reinforced concrete, \$13,000. Architect, J. B. Ogborn, Richmond. Owner, E. B. Anderson. Mr. Anderson owns a valuable piece of property on Richmond avenue, near Washington, which is to be improved at once. Plans show an attractive building, with stores on the first floor and a number of large light guest rooms on the upper floors. Patent store fronts will be used. Interior of the second and third floors will be finished in pine. Plans include a hot water supply system. The exterior of the building will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

LOS ANGELES, CAL.—Hotel, 6 story and base, Class A construction. Cost not stated. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. The building is to be erected on 6th street, between Hope and Flower streets, and will have a frontage of 100 feet and a depth of 120 feet. Interior has been arranged for 165 guest rooms, four large stores and the hotel lobby. A large percentage of the rooms will have private baths. Interior finish will be of hardwood. There will be steam heat, both freight and passenger elevators, a vacuum cleaning system and hot water supply. Entrance lobby will be finished in marble and ornamental plaster. A complete steel frame will be used with exterior walls of pressed brick and terra cotta. Bath rooms will have composition floors and the wainscot. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 12 story and base, reinforced concrete. Cost not stated. Architects, Ye Planny Building Co., L. A. Owner, N. W. Stowell. This work was mentioned here before. At that time it was stated that construction would be of steel and brick. Mr. Stowell has decided to use reinforced concrete throughout. Plans will be prepared at once and contracts let within three months.

LOS ANGELES, CAL.—Hotel, 8 story and base, reinforced concrete. Cost not stated. Architect, W. J. Saunders International Bank Bldg., L. A. Owners, Biescar Estate. The building will occupy a corner site and is to cover an area of 60x150 feet. There will be stores and a hotel lobby on the first floor and a total of 165 guest rooms on the upper floors. Construction will be fireproof throughout. Nearly all of the rooms will have private baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwood. Tile will be used in the baths. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

PORTLAND, ORE.—Hotel and stores, 4 story and base, reinforced concrete, \$80,000. Architects, Investors' Building and Trust Co., Yeon Bldg., Portland. Owner, A. C. Pike. The building will cover an area of 100x100 feet. The

first floor will be arranged for eight stores besides the hotel lobby, entrance and billiard and pool room. Upper floors will contain 177 guest rooms and a large number of baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior will be finished in pine and hardwoods. Foundations and walls have been designed with sufficient strength to carry several more stories. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick, \$50,000. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, A. W. Rhodes. Contractors, Brerber-Bradley Construction Co., 1824 East 15th St., L. A., general construction, \$39,200; John Fennell, 351 East 3rd St., L. A., painting, \$1,250; Blumve & Jay Co., 514 East 9th St., L. A., plumbing, \$7,800; Foulkes & Gray-Lard, Security Bldg., L. A., electric work, \$1,200.

HOSPITALS.

SAN FRANCISCO — Hospital addition, 1 story and base, reinforced concrete, \$18,000. Architect, Constructing Quartermaster's Dept., U. S. A., Fort Mason. Owners, United States Government. Plans and specifications have been completed for the construction of a one story addition to the Letterman General Hospital at the Presidio. Bids will be taken through the Constructing Q. M. Department at Fort Mason within the next few days. An official proposal will appear in these columns shortly.

LOS ANGELES, CAL.—Hospital, 4 story and base, Class A construction, \$350,000. Architect, W. S. Garrett, Currier Bldg., L. A. Owners, Methodist Hospital Association. At the last meeting of the association the architect was instructed to proceed with the working drawings. None of the details of the building have been received in this city, and other than the fact that the structure will be fireproof and will contain the most modern equipment, nothing can be printed at this time. It is understood that construction will be of the reinforced concrete type and that the exterior will be faced with cement plaster. Further information will be printed as the plans progress.

LIBRARIES.

UKIAH, MENDOCINO CO., CAL.—Library, 1 story and base, brick and concrete. Cost not stated. Architect, John Davis Hatch, Humoldt Bank Bldg., S. F. Owners, Town of Ukiah. Architect Hatch has just been commissioned to prepare plans for a new library building in Ukiah. The structure will be classic in design and will contain a large public room, rack rooms and office for the librarian. Interior will be finished in pine and hardwood. A central heating system will be installed. The exterior of the building will probably be faced with pressed brick. Plans are now being prepared.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Concession building, frame construction, \$15,000. Architect, G. Albert Lansburgh, Gunst Bldg., S. F. Owners, Orange Blossom Co. Plans for a concession building covering an area of 60x80 feet are being prepared. The building will be occupied by the famous Orange Blossom Candy Co. and is unique in its design. A large amount of art glass will be used. Exterior will be covered with cement plaster. Plans will be completed shortly.

SAN FRANCISCO — Educational Building, frame construction. Cost not stated. Architects, Bliss & Faville, Balboa Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened on March 11th by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. for the construction of the Educational Building, which will form one of the most important parts of the 1915 Exposition. Lange & Bergstrom were low men and will probably be awarded the contract. The building is a one story frame structure, covering an area of 205,100 square feet. Bids were taken for the construction with lumber furnished by the Exposition Company, for the construction with lumber furnished by the contractor, and for the plumbing. A complete list of all figures appears under San Francisco in this issue.

SAN DIEGO, CAL. — Exposition building, frame construction, \$67,000. Architect, Architectural Department Southern California Panama Exposition Co. Contractor, G. A. Simpson Construction Co., American Bldg., San Diego. Contract price, \$67,000.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Oil house equipment. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for the equipment for an oil house at the Geary Street Municipal Car Barns have been completed and figures are now being taken by the Board of Public Works. Bids will be opened on April 2nd. Plans can be secured from the Engineering Department.

SAN FRANCISCO—Tunnel construction, excavating and concrete work. Cost not stated. Engineer, City Engineer. Owners, City and County of San Francisco. The Board of Public Works will open bids on April 9th for the construction of the Stockton Street Tunnel from Sutter to Sacramento streets. The work will probably cost in the neighborhood of a million dollars when complete. Complete information can be secured from the City Department of Engineering, Temporary City Hall Bldg. The official proposal appears in another column of this issue.

RESIDENCES.

SAN FRANCISCO — Residence, 2 story and base, frame, \$2,800. Architect, none. Owner, T. Rorquist, 3931 21st St., S. F. The dwelling has been designed for a six-room house with bath. Interior will be finished in pine and redwood. Oak floors will be used

the principal rooms. There will be a open fire place and brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

AKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, C. W. McCall. Central Bank Bldg., Oakland. Owner, Dr. G. B. W. The dwelling will contain eight principal rooms, bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Roof will be covered with asbestos shingles. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are out for figures.

AKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, A. A. Smith, 1610 Broadway, Oakland. Owner, Mrs. S. W. Hall. The dwelling will contain seven rooms and bath. Interior will be finished in pine, redwood and some hardwood. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick. The exterior of the house will be covered with cement plaster. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$500. Architect, none. Owner, J. A. Men, 2626 Hillegass Ave., Berkeley. The dwelling has been designed for a 4-room house with bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living and dining rooms and reception hall. There will be a furnace and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Bath room will be finished in tile. The exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$500. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, C. Miller. The house will contain seven rooms and bath. Interior will be finished in pine and redwood with some hardwood veneer. There will be furnace heat and open fireplaces. Mantels will be of tile and brick. Oak floors will be used in the living rooms, reception hall and dining room. Tile will be used in the bath and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are being prepared for the work.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$500. Architect, A. S. MacLellan, 2407 Santa Clara Ave., Alameda. Owner, George Gottstein. The house will contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered

with cement plaster and shingles. Plans are complete and out for figures.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,200. Architect, A. S. MacLellan, 2407 Santa Clara Ave., Alameda. Owner, George Gottstein. The bungalow will contain five rooms and bath. Interior will be finished in pine throughout. Some oak floors will be used. There will be an open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. The exterior of the bungalow will be covered with cement plaster. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, E. B. Bullard. The dwelling is to be erected in Biola, a new town near Fresno, and will contain fourteen rooms, baths and sleeping porches. Interior will be finished in pine and hardwoods. Hardwood floors will be used in all principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. Tile will be used in the baths and kitchens. An automatic water heater will be installed. The exterior of the dwelling will probably be covered with cement plaster on metal lath. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, frame construction. Cost not stated. Architect, none. The following Day Labor jobs are about to be started in Stockton: John C. McCarty, Werner Station, 2 story, frame, \$3,800; R. R. Rollenstein, 409 Rose St., 2 story frame, \$1,000; C. H. Pease, 522 West Park St., 1½ story, frame, \$2,000, and A. L. Miner, 1320 North Hunter, 1 story, frame, \$1,800.

SCHOOLS.

OKLAND, CAL.—School group. Class A construction. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans and specifications for the main building of the new Commercial and Manual Training High School, to be erected at Forty-fifth and Broadway, Oakland, were presented to the Board of Education last evening by City Supervising Architect J. J. Donovan. In his communication accompanying the plans, which were referred to the business manager and the school said that the building should be ready for occupancy by January 1, 1914.

"We have spent a lot of time on the work since last May," said Donovan, "and I feel confident that the building will be without doubt the most splendid manual training and commercial high school building in this country."

Plans were prepared in three sections. Section A will be the administration part of the building, and will include a library, the principal's suite, an assembly hall with a gallery seating 1,500, teachers' lunch rooms, a kitchen and a band room, with practicing rooms.

Section B will include sixteen class rooms, six teachers' rooms and commercial rooms, and in section C will be included the lecture rooms and a girls' gymnasium and shower baths, a housekeeping suite, with kitchen, bedroom, living room and bath room, completely furnished and cared for by the girls. Cooking, sewing and other do-

mestic sciences will be taught here. In the basement of the third section will be located the boys' gymnasium.

FILLETON, ORANGE CO., CAL.—School, 1 story and base, brick, \$50,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. The building has been designed in the shape of a letter T, and will cover an area of 180x200 feet. There will be twelve standard sized class rooms, library, principal's office and teachers' rooms. An auditorium with a seating capacity of 800 is also provided. Interior partitions will be of metal lath and plaster. Floors will be of maple with cork linoleum in the corridors. There will be steam heat and a modern system of ventilation. The exterior of the building will be faced with cement plaster. Plans are being prepared.

TULALIP, WASH.—School, 1 story frame. Cost not stated. Architect, Department of Indian Affairs, Washington, D. C. Owners, United States Government. Plans have been received at the local Indian Agency for a frame school building and extensions to the water supply system of the Tulalip Indian School. Bids will be opened in Washington on April 7th. Plans and specifications can be obtained from the local Agency. The official proposal appears in another column of this issue.

LOS ANGELES, CAL.—School group, brick and steel construction, \$600,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Sealed bids will be received by State Engineer Willbur F. McClure, Sacramento, Cal., up to 12 o'clock, noon, of April 5, 1913, for the erection of the State Normal School buildings to be erected at Vermont and Willowbrook avenues. The plans were officially approved by the Governor, State Engineer and Advisory Board. The buildings planned include the Administration building, 260x202 feet containing auditorium seating 1,620; Library, 136x107 feet, with reading room to seat 250 and stack room for 50,000 books; Domestic Science, 170x150 feet; Fine Arts, 142x82 feet; Gymnasium, 140x82 feet, with 150 lockers, 34 dressing rooms and shower and needle baths for girls, lockers and showers for boys; Training School, 365x175 feet, with gymnasium for boys and girls attached; Kindergarten, 96x57; Cafeteria, 90x82, with dining hall to seat 300; Manual Arts, 226x83 feet. All the buildings will be two stories except the kindergarten, cafeteria and manual arts buildings, which will be one story. The construction will be brick walls with fireproof stairways and corridor floors, wood floor in rooms, tapestry brick facing, clay tile roofs, maple floors, central steam heating plant with underground ducts and fan room in each building, program clocks, vacuum cleaning, intercommunicating telephone system.

SEWERS, STREET WORK AND WATER SYSTEMS.

STANISLAUS COUNTY, CAL.—Highway work. Cost not stated. Engineer, State Highway Engineer, Sacramento. Owners, State of California. Plans are complete and bids are being called for on the construction of approximately 2½ miles of the State Highway in Stanislaus County. Bids will be

opened by the State Highway Commission on March 24th. Plans can be secured from the Secretary of the Highway Commission at Sacramento.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Addition to Frame Schoolhouse and Extension of Water System, Tulalip Indian School, Washington," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office, until **2 o'clock p. m. April 7, 1913**, for furnishing materials and labor for the construction of an addition to frame schoolhouse and the installation of an extension to water system at the Tulalip Indian School, Wash., in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo.; the U. S. Indian warehouse, San Francisco, Cal. and at the school. For further information apply to the superintendent of the Tulalip Indian School, Tulalip, Wash. **F. H. ABBOTT**, acting commissioner.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 765—Proposals for Railings for Spillways and Steel Doors for Entrances to the Operating Tunnels of All Locks on the Panama Canal.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. March 27, 1913**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 765) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal., also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. **F. C. BOGGS**, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR BOILERS.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 19th day of March, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of boilers, breeching and piping for the Relief Home on the Alms House Tract.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL**, Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The construction of Engine House No. 21 of the San Francisco Fire Department, to be located on the southwesterly corner of Hoffman avenue and Alvarado street.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$5,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL**, Secretary.

PROPOSALS FOR OIL HOUSE EQUIPMENT.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913**, for doing the following work, to wit: The equipment of a Lubricating Oil House for the Geary Street Municipal Railway.

Progressive payments will be made. The amount of bond for faithful performance has been fixed at \$200.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL**, Secretary.

PROPOSALS FOR EXCAVATING AND GRADING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 19th day of March, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

Excavation and grading work for the City Hall, to be located on city property bounded by McAllister street, Polk street, Grove street and Van Ness avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works and completed within one hundred (100) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. **F. J. CHURCHILL**, Secretary.

NOTICE FOR BIDS.

NOTICE is hereby given that the Hotel Placer Company will receive bids for the construction of a concrete Hotel Building, to be located on its lot in Auburn, Placer County, California, in accordance with plans and specifications adopted by said company.

Said plans and specifications may be found at the following places:

At Auburn Lumber Co., Auburn, Cal.
At Builders' Exchange, San Francisco, Cal.

At Contractors' Association, Sacramento, Cal.

Bids will be received up to **6 o'clock of Tuesday, March 25th, 1913**.

The company reserves right to reject any or all bids submitted.

HOTEL PLACER COMPANY,

S. G. WATTS, Secretary.

PROPOSALS FOR TUNNEL CONSTRUCTION.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 9th day of April, 1913**, for doing the following work to wit:

The construction and completion of a tunnel with approaches and appurtenances thereto in Stockton street, between Sutter and Sacramento streets in the City and County of San Francisco, State of California (being the construction referred to in the Resolution of Intention of the Board of Supervisors of said City and County of San Francisco in that behalf, being Resolution No. 8818, New Series, approved November, 9th, 1911).

Said tunnel shall be constructed in the place and in the manner specified delineated and shown in the "plans, profiles, cross-sections and general specifications of the work required for the completion of said tunnel and appurtenances thereto," adopted and confirmed by the Board of Supervisors of said City and County by a resolution

said Board of Supervisors, being resolution No. 9681, New Series, adopted September 23rd, 1912, and approved by the Mayor of said City and County, September 25th, 1912, pursuant to the provisions of "The Tunnel procedure Ordinance" of said City and County.

Progressive payments for said work, he made as provided for in the specifications.

Said work must be done in accordance with the plans and specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within three hundred and sixty-five (365) calendar days from the date of the contract to be made and entered into therefor. The amount of bond for the faithful performance of the contract has been fixed at \$100,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL,
Secretary.

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including 12 o'clock noon, Saturday, April 5, 1913, said bids then and there to be publicly opened and read, for a group of ten buildings for the State Normal School, Los Angeles, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, Sacramento, California.

FIRST—For Entire Work.

SECOND—For Mason Work, including All Brick, Stone, Terra Cotta, and Concrete Work, and All Necessary Excavating and Filling.

THIRD—For Iron Work.

FOURTH—For Carpentering, Electric and Glazing Work.

FIFTH—For Plastering.

SIXTH—For Plumbing and Gas Fitting.

SEVENTH—For Heating.


EIGHTH—For Tinning, Galvanized Iron and Slatting Work.

NINTH—For Painting and Graining.

A bond in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.



Foote Mixer on building work.
Lange & Bergstrom, Contractors.

The Concrete Mixer of Quality

Carried in Stock by

EDWARD R. BACON & CO.

CONTRACTORS EQUIPMENT.

Successors to
FOOTE CONCRETE MACHINERY CO.

Telephone Sutter 1675 38-40 NATOMA ST., S. F.

Edward R. Bacon is positively not connected with any other firm.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for State Normal School Buildings, Los Angeles, California."

(Signed) W. F. MCCLURE,
State Engineer.

Capt. E. S. Walton, of the Quartermaster Corps, has taken the place of Lt. Col. George McK. Williamson, formerly in charge of the Constructing Quartermaster Department at Fort Mason. Col. Williamson has been transferred to the Department of the Gulf.

Bids will be called by the first of next week for the construction of the one story reinforced concrete addition to the Letterman General Hospital at the Presidio, and also for the construction of an electric light system for Fort Mason. This system will include overhead and underground power circuits, and will be a 3 wire 3 phase 60 cycle system. Included in the work will be the construction of a sub-station 24x24 feet, frame, with cement plaster on metal lath. There will be four marble switchboards and other complete sub-station equipment. All buildings at the Post will be wired and furnished with fixtures except those buildings now wired. Ornamental street electroliths will be installed.

Plans are being prepared for the construction of a 25-foot roadway connecting the Guardhouse at the Presidio with Fort Winfield Scott. The road will have an asphalt binder.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., on Tuesday, April 1, 1913, for the Installation of Plumbing, Sewers and Water Pipe of the Food Products Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 367, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Building and Grounds Committee.

WILLIAM H. CROCKER,
Chairman.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 115, in the Exposition Building, Mine and Battery Streets, San Francisco, California, at 11 A. M. **Tuesday, April 1, 1913**, for the construction of the Food Products Building, in accordance with the specifications on file in the office of the Director of Works. Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surplus thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Engineer and Contractor Streets, San Francisco, by depositing \$30.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 764—Proposals for Electric Traveling Cranes, Steel Rail, Angle Bars, Truck Bolts, Switches, Track Frogs, Flat Plates, Track Chisels, Rabbitt Metal, Poultry Netting, Steel Wire, Taps, Screws, Cotter Pins, Hammers, Wrench Parts, Pipe Fittings, Valves, Saws, Hinges, Tackle Blocks, Torches, Ladders, Rakes, Bars, Hose, Silica Sand, Fennell Clay Brick, Enamel and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, Indianian Canal Commission, Washington, D. C., until 10:30 A. M. March 26, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blank and general information relating to this circular (No. 764) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point Street, San Francisco, Cal.; also from the P. S. engineer office in the following cities: Seattle, Wash.; Los Angeles, Cal.; F. C. BOGGS, major, corps of engineers, U. S. army, a general purchasing officer.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and offices, 20 story and base. Class A construction, \$1,500,000. Architect's name withheld. Owners represented by Kern-Neelan Co., 216 Bush St., S. F.

The reported sale of the southeast corner of Market and 14th streets, as announced in the morning press, has been substantiated, but further details of the improvements which will cost on this million dollar corner are given for the first time in these col-

umns. The firm of Kern & Neelan, 216 14th street, through whose offices the sale was made, state that a 20 story Class A office building is to be erected at a cost of considerably over \$1,000,000. It is further stated that a local architect has been selected, but his name will not be disclosed for the present. The building will have a frontage on Market street of 100 feet and 170 feet on 14th. The buyers are Eastern capitalists, and have announced their intention of spending far over a million dollars on the structure. The first nine stories of the new structure will be occupied by a company controlled by the owners. Preliminary sketches provide for a complete steel frame with reinforced concrete walls, floors, etc. Further information relative to the name of the architect and details of construction will be given in these reports at an early date.

OAKLAND, CAL.—Stores and offices, 2 story and base, brick and steel, \$30,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris and Muller. This building has been mentioned here before when plans were first started. There will be stores on the first floor and lofts above. Interior will be finished in pine. There will be patent store fronts, modern plumbing and electric work. The exterior of the building will be faced with glazed brick and terra cotta. The architect is now taking figures for the brick work, terra cotta, marble and the work.

FRESNO, FRESNO CO., CAL.—Stores and offices, 2 story and base. Cost not stated. Architect, E. J. Farr, Fresno. Owners, H. R. and W. B. Holland. The building will cover an area of 80x120 feet. The first floor is to be arranged for several stores and the upper floor for modern offices. Interior partitions will be of hollow tile. There will be steam heat. Patent store fronts will be used. The exterior of the building will be faced with pressed brick. Plans are in the hands of the owners who are now taking figures for the work.

FRESNO, FRESNO CO., CAL.—Stores and offices, 3 story and base, brick, \$70,000. Architect, none. Owner, D. Yezdan, Demir Bros. and Tharpanian Bros., Fresno. The building will be erected at the corner of Kern and J streets and will cover an area of 100x130 feet. Several large stores will occupy the first floor and the upper two stories have been arranged for halls and offices. There will be a central heating system, elevator service and pine trim. The exterior of the building will be faced with pressed brick. Plans will be ready for figures within a day or two. Bids will be taken by the owners.

LOS ANGELES, CAL.—Stores and offices, Class A construction. Cost not stated. Architect's name not given. Owner, William R. Hearst. Mr. Hearst has just purchased twelve lots at the southwest corner of 11th and Hill streets at a cost of over one million dollars. The property covers an area of 322x216 feet. A portion of this building will be the site of a large Class A building to be used by the Los Angeles Examiner.

LOS ANGELES, CAL.—Offices, 8 story and base, Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, I. W. Hellman. The building will be erected on property adjoining

the present I. W. Hellman Building on Spring street. Construction will be fireproof throughout with hollow tile partitions and floor slabs. Interior finish will be of metal. There will be steam heat and elevator service, a vacuum cleaning system and mail chutes. All window frames and sash will be of metal. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PASADENA, LOS ANGELES CO., CAL.—Stores and offices, 6 story and base, reinforced concrete, \$100,000. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Citizens' Saving Bank. This work is in the nature of an addition to the present one story building, which was designed to carry ten stories. The first floor will be occupied by the bank. Upper floors will contain in the neighborhood of 95 offices. Interior finish will be of pine and hardwood. Floors will be of concrete. There will be steam heat and elevator service. The exterior of the building will be faced with cement plaster. Plans are being prepared.

SEATTLE, WASH.—Stores and offices, 12 story and base, Class A construction, \$800,000. Architects, Bebb & Mendel, Denny Bldg., Seattle. Owner's name withheld. None of the particulars of this enterprise have been given out and the owner's name and exact location of the structure cannot be learned at this time. Announcement of the complete details of the building will be made early next month.

LA GRANDE, ORE.—Stores and offices, 3 story and base, brick and steel. Cost not stated. Architects, Whidden & Lewis, Wilcox Bldg., Portland. Owners, N. K. West and C. S. Jacobsen. The building will be erected on one of the principal business corners in La Grande and will cover an area of 60x110 feet. There will be several stores on the first floor and a number of modern offices arranged ensuite on the two upper floors. Plans include steam heat, metal window frames and sash and patent store fronts. Interior finish will be of pine and marble. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

Contracts Awarded.

SEATTLE, WASH.—Stores and offices, 3 story and base, reinforced concrete, \$70,000. Architects, Bebb & Mendel, Haight Bldg., Seattle. Owner, George W. Fisher. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price, \$70,000.

SEATTLE, WASH.—Department store, 8 story and base, Class A construction, \$300,000. Architect, John Graham, Lyon Bldg., Seattle. Owner, The Bon Marche. Contractors, Aldrich & Hunt, Central Bldg., Seattle. Contract price, \$200,000.

FRESNO, FRESNO CO., CAL.—Stores, 1 story and base, brick, \$10,000. Architects, A. C. Swartz & Son, Fresno. Owner, Mr. McLaughlin. Contractor, Dave Cowan, Fresno. Contract price, \$10,000.

FRESNO, FRESNO CO., CAL.—Department store, 3 story and base, brick and steel. Cost not stated. Architect, C. A. Menzies-Joffrey, Humboldt Bank Bldg., S. F. Owner, E. Gottschalk. Contractor, H. A. Hansen, Fresno. Contract price not stated.

Plans describing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, are carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Milton Lichtenstein, 111 Ellis St., S. F. Owner, Hymie Jacobs. The building will be erected on Jackson street, west of Locust, and is designed for six apartments each of which will consist of six rooms and two baths. Interiors will be finished to suit the tenants who have already leased the suites. There will be steam heat, a vacuum cleaning system and dumb waiters. Much hardwood and tile will be used. All suites will have wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—5 story and base, brick and steel, \$75,000. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, Calvin E. Knickerbocker and A. Boswick. The building will cover an area of $46\frac{1}{2} \times 65\frac{1}{2}$ feet, and is to be arranged for a total of 45 apartments of two, three and four rooms each. All suites will have wall beds and private bath. Interior will be finished in pine and hardwoods with ornamental plaster in the lobby, reception hall and parlors. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Bath rooms will have tile wainscot. The exterior of the building will be faced with cement plaster. Plans are complete and segregated figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$35,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Miss D. Loazia. The building will be erected at the corner of Washington and Taylor streets, and is to cover an area of $55 \times 127\frac{1}{2}$ feet. There will be a number of two and three room apartments with wall beds and private baths. Interior finish will be of pine and hardwood. Plans include steam heat and a hot water system. Tile will be used in the baths. An attractive lobby and entrance has been designed. The exterior of the building will be covered with rustic and metal lath and plaster. Plans are complete and figures are being taken by the architects.

APARTMENT HOUSE—3 story and base, frame, \$14,000. San Francisco. Architect, none. Owner, F. W. Lurmann, 1760 Hyde St., S. F. The building will be $27\frac{1}{2} \times 123$ feet with twelve apartments of three rooms and bath each. Interior finish will be largely of pine. Some elm panels will be used. There will be steam heat and a hot water supply system. All suites will have wall beds. Tile floors will be used in the baths and entrance lobby. The exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor. He is now purchasing all materials.

APARTMENT HOUSE—3 story and base, frame, \$21,000. San Francisco. Architect, E. Kolofrath, Phelan Bldg., S. F. Owner's name withheld. The

building will be erected at the corner of Buchanan and Herman streets, and has been arranged to contain fifteen suites of two and three rooms each. All apartments will have wall beds and private bath rooms. Interior finish will be of pine throughout. Baths will have tile wainscoting. A central heating system will be installed. The exterior will be covered with cement plaster on metal lath. Plans are being prepared.

PIECE HOUSE—2 story and base, brick and steel, \$33,000. San Francisco. Architect, Architectural Dept., Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans for Engine House No. 24, which is to be erected at the southwest corner of Hoffman avenue and Alvarado street, are complete and bids will be opened by the Board of Public Works on April 2nd. The exterior of the building will be faced with pressed brick and terra cotta. Interior will be finished in pine and hardwood. There will be special plumbing fixtures and electrical equipment. Steam heat will be installed. Plans can be secured from the Department of Architecture.

FACTORY—1 story, steel and frame, \$1,000. San Francisco. Architect, none. Owners, West Coast Iron Works, 549 Monadnock Bldg., S. F. This building has been designed for a steel furnace shed. Some structural steel will be used and the exterior will be covered with corrugated iron. Plans are complete and the work will be done by Day Labor.

TUNNEL CONSTRUCTION—Excavating and concrete work. Cost not stated. San Francisco. Engineer, City Engineer. Owners, City and County of San Francisco. The Board of Public Works will open bids on April 9th for the construction of the Stockton Street Tunnel from Sutter to Sacramento streets. The work will probably cost in the neighborhood of a million dollars when complete. Complete information can be secured from the City Department of Engineering, Temporary City Hall Bldg. The official proposals appears in another column of this issue.

FLATS—2 story and base, frame, \$7,500. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, E. Davis. A two-story frame building now occupying the property will be altered to contain six modern flats of four and five rooms each. The work will include new plumbing, electric work, plastering, interior trim and pine and hardwood. Gas grates will be installed. The exterior of the building will be covered with cement plaster and rustic. Plans are complete and a contract will be awarded at once.

FLATS—2 story and base, frame, \$,000. San Francisco. Architect, none. Owner, David Condon, 4188 26th St., S. F. The building will be erected at the corner of 10th avenue and C street, and is to cover an area of 28×80 feet. The first floor will be arranged for a store and upper floor for two or more flats of four and five rooms. Interior will be finished in pine and hardwood. The exterior of the building will be

covered with tile. Plans are in the hands of the owner and the work will be done by Day Labor.

CITY HALL—Class A construction, \$1,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids are now being called for on the first of the contracts in connection with the construction of the new City Hall. Bids will be opened on March 19th for the excavating and grading of the site. Plans are nearly complete for other parts of the work and bids will be advertised for within a few weeks. All contracts will be let through the office of the Board of Public Works.

HOSPITAL ADDITION—1 story and base, reinforced concrete, \$18,000. San Francisco. Architect, Constructing Quartermaster's Dept., U. S. A. Fort Mason, Owners, United States Government. Plans and specifications have been completed for the construction of a one-story addition to the Letterman General Hospital at the Presidio. Bids will be taken through the Constructing Q. M. Department at Fort Mason within the next few days. An official proposal will appear in these columns shortly.

HOTEL—7 story and base, reinforced concrete. Cost not stated: San Francisco. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. Mary Hefferman. This building has been mentioned in these columns before when preliminary plans were started. The structure is to be erected at the southeast corner of Geary and Williams streets, and will cover an area of 55×87 feet. The entire first floor will be given over to an attractive entrance, lobby, offices and parlors. Upper floors will be arranged for about 90 guest rooms, all of which will have connecting baths. Plans include steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwoods. The exterior of the building will probably be faced with cement plaster. Construction will be carried out by the firm of Beach & Hefferman, David Hewes Bldg., S. F.

HOTEL—5 story and base, brick and steel. Cost not stated. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, Theo. Rulfs. The building will be erected at the corner of Pine and Leavenworth streets, and will cover an area of 37×87 feet. Interior finish will be of pine and hardwoods. There will be in the neighborhood of 90 rooms and baths. The building will be heated by steam. There will be elevator service and a vacuum cleaning system. Lobby and parlors will be finished in hardwoods and ornamental plaster. The exterior will be faced with pressed brick. Plans are being prepared.

HOTEL—2 story and base, frame, \$22,000. San Francisco. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, Mrs. Ella May Burke. The building will be arranged for stores on the first floor and about 50 guest rooms on the upper floors. There will be a number of baths. Plans include steam heat and a hot water system. Interior will be finished in pine throughout. Tile will be used in the baths. The exterior will be covered with cement plaster on metal lath. Patent store fronts are specified. Plans

are complete and figures are being taken by the architects.

HOTEL—6 story and base, reinforced concrete, \$75,000. San Francisco. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owners, Prior Estate. The building will be erected at the northwest corner of Eddy and Mason streets and will cover a considerable ground area. The first floor will contain five stores and the basement a large cafe. Upper floors will be divided into 85 guest rooms, all of which will have connecting bath rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Metal window frames and sash will be used. Interior will be finished in pine, hardwood and ornamental plaster. Tile and cement will be used in the bath rooms. Exterior of the building will be faced with white cement plaster. Plans are nearly ready for figures.

HOTEL—2 story and base, brick and steel, \$25,000. San Francisco. Architects, McDougall Bros., Russ Bldg., S. F. Owner, I. Steinhart. The building is to be erected on Sutter street near Leavenworth, and will be arranged for stores on the first floor and rooms above. Interior will be finished in pine throughout. There will be several bath rooms, which will have composition floors. A hot water system and steam heat will be installed. The stores will have patent fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—7 story and base, brick and steel, \$125,000. San Francisco. Architects, Bliss & Faville, Balboa Bldg., S. F. Owner, Robert L. Coleman. This building is to be erected in the north line of Sutter street, between Taylor and Jones streets. There will be in the neighborhood of 150 rooms, all with private baths. The owner will occupy the top floor, which is to be handsomely furnished. Plans include steam heat, elevator service, hot water supply, vacuum cleaning system and all other modern conveniences. Interior will be finished in pine, hardwood and tile. All bath rooms will have composition floors and tile wainscot. Besides the guest rooms there will be a large office and lobby and parlors. The exterior of the building will be faced with pressed brick. Plans are being prepared.

OIL HOUSE EQUIPMENT—Cost not stated. San Francisco. Engineer, Department of Engineering, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for the equipment for an oil house at the Geary Street Municipal Car Barns have been completed and figures are now being taken by the Board of Public Works. Bids will be opened on April 2nd. Plans can be secured from the Engineering Department.

RESIDENCE—2 story and base, frame, \$2,800. San Francisco. Owner, T. Bergquist, 3931 21st St., S. F. The dwelling has been prepared for a six-room house with bath. Interior will be finished in pine and redwood. Oak floors will be used in the principal rooms. There will be open fire place and brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STORES AND OFFICES—20 story

and base, Class A construction, \$1,500,000. San Francisco. Architect's name withheld. Owners, represented by Kern-Nellan Co., 316 Bush St., S. F. The reported sale of the southeast corner of Market and 14th streets, as announced in the morning press, has been substantiated, but further details of the improvements which will go on this million dollar corner are given for the first time in these columns. The firm of Kern & Nellan, 316 Bush street, through whose offices the sale was made, state that a 20 story Class A office building is to be erected at a cost of considerably over \$1,000,000. It is further stated that a local architect has been selected, but his name will not be disclosed for the present. The building will have a frontage on Market street of 100 feet and 170 feet on 14th. The buyers are Eastern capitalists, and have announced their intention of spending far over a million dollars on the structure. The first nine stories of the structure will be occupied by a company controlled by the owners. Preliminary sketches provide for a complete steel frame with reinforced concrete walls, floors, etc. Further information relative to the name of the architect and details of construction will be given in these reports at an early date.

CONCESSION BUILDING—Frame construction, \$15,000. San Francisco. Architect, G. Albert Lansburgh, Gunst Bldg., S. F. Owners, Orange Blossom Co. Plans for a concession building covering an area of 60x80 feet are being prepared. The building will be occupied by the famous Orange Blossom Candy Co. and is unique in its design. A large amount of art glass will be used. Exterior will be covered with cement plaster. Plans will be completed shortly.

EDUCATIONAL BUILDING—Frame construction. Cost not stated. San Francisco. Architects, Bliss & Faville. Balboa Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened on March 11th by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. for the construction of the Educational Building, which will form one of the important parts of the 1915 Exposition. Lange & Bergstrom were low men and will probably be awarded the contract. The building is a one story frame structure covering an area of 205,100 square feet. Bids were taken for the construction with lumber furnished by the Exposition Company, for the construction with lumber furnished by the contractor, and for the plumbing. A complete list of all figures appears under San Francisco in this issue.

NOTICE FOR BIDS.

Notice is hereby given that THE HOTEL PLACER COMPANY will receive bids for the construction of a concrete Hotel Building, to be located on its lot in AUBURN, PLACER COUNTY, CALIFORNIA, in accordance with plans and specifications adopted by said company.

Said plans and specifications may be found at the following places:

At Auburn Lumber Co., Auburn, Cal.
At Builders' Exchange, San Francisco, Cal.
At Contractors' Association, Sacramento, Cal.

Bids will be received up to 6 o'clock of Thursday, March 25th, 1915.

The Company reserves the right to reject any or all bids submitted.

HOTEL PLACER COMPANY,
S. G. Watts, Secretary. (*)

Exposition Company Opens Many Figures.

Work on the Educational Building Attracts Large Number of Bidders, Lange & Bergstrom Low.

Bids for the Palace of Education were received March 11th by the Building and Grounds Committee of the Panama-Pacific International Exposition.

This building will be a one-story structure, sixty-five feet high to the main cornice, and will have a dome eighty-two feet across, which will be one hundred and twenty feet from the floor.

It will contain 205,100 square feet. It will be 394x526 feet.

Its western front will face the Palace of Fine Arts. Its eastern front will face upon the west South Court and the court of Four Seasons.

The building must be completed within two hundred days after the contract has been signed. Bliss & Faville are the architects.

Three sets of bids were received: First for the erection of the building, lumber to be furnished by the Exposition Company; Second, for the erection of the building, lumber to be furnished by the contractor, and third for the plumbing in the building.

Construction (Lumber by Exposition Company.)

Lange & Bergstrom.....	\$198,691
F. Rolandi	336,000
Fred P. Fisher	255,000
Reese & Rountree.....	237,500
Strehlow, Freese & Peterson	207,500
E. A. Hettinger.....	208,900
McLaren & Peterson.....	224,846
John Monk	270,000
H. Fisher	254,842
Commarty-Peterson Co, Inc.	249,415
J. Lawrence Brown.....	315,000

Construction (Lumber by Contractor)

Lange & Bergstrom.....	\$266,324
F. Rolandi	429,000
Reese & Rountree.....	318,500
Strehlow, Freese & Peterson	268,765
John Monk	359,000
H. Fisher	317,937
J. Lawrence Brown.....	350,000

Plumbing.

Herman Lawson	\$15,412
Wittman, Lyman & Co.....	16,197
Frederick W Snook & Co.....	16,200
The Turner Co.....	14,779
Robert Dalziel Jr.....	15,900
Alexander Coleman	15,500
John G. Sutton & Co.....	15,853
Frank J. Klimm.....	16,307
J. Looney Co.....	15,647

City Bids Opened.

Board of Public Works Opens Bids For A Large Amount of Street Work and For Reservoir.

Besides bids for a large amount of sewer work and street paving figures were opened Wednesday afternoon by the Board of Public Works for the construction of a large reinforced concrete tank, which is to be erected on Jones street, between Sacramento and Clay streets. Nine sets of figures were received for this work. The Central Construction Company submitting the lowest figures at \$27,300. Bids for fur-

ing pipes, valves and specials for is tank were also received at the same time. The lowest bids were submitted by the Union Machinery Co. for \$1,182 and that firm was officially awarded the contract. No action was taken with the bids for constructing a tank and this question will be considered at the next meeting of the board of Public Works.

Constructing Concrete Tank.
Karl Ehrhardt\$30,500
Central Construction Co. 27,300
Nelson & Bauer 30,750
Commary-Peterson Co. 40,534
P. Rolandi 40,959
Monson Bros. 39,884
P. W. McClenahan 38,998
State Construction Co. 40,772
William Bruce 44,995

Valves, Pipes and Fittings.
Union Machine Co.\$11,186
Main Street Iron Works 13,200
Compressed Air Mchnry Co. 14,486

BUILDING SUPERINTENDENT.
lacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Experienced in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded San Francisco.

No.	Owner	Contractor	Am't.
850	Podesta	Devenenzi	5000
851	Skahan	Heardon	1000
852	Berggwis	Owner	2800
853	Conlan	Conlan	1900
854	Mohertee	Mohertee	500
855	S F Casket	Healy	1000
856	Pacific Co Syrup	Bluxome	1954
857	Bannan	Mager	6843
858	De Barnardi	Ratto	6145
859	Flood	Conlin	16950
860	Conlan	Pac Mfg	2964
861	Same	Sutton	12790
862	Same	Gladding	7360
863	Hirsch	Finlayson	3948
864	Knickerbocker	Boswick	75000
865	Cannon	Cannon	1000
866	Frank	Frank	1250
867	Bennett	Machi	11000
868	Stevens	Allen	800
869	Donovan	Wynne	800
870	Fuchs	Rodstrom	800
871	U S Steel	Owner	600
872	Fiola	Birchill	1000
873	Berson	Guillon	4000
874	McLeod	McLeod	1000
875	Pope	Talbot	1500
876	Rapp	Lorenzen	500
877	Maier	Linden	7400
878	Un Pacific Salt	Wallen	3400
879	Gantner	Lindgren	5995
880	Same	Same	1000
881	Rity & Reb.	Brode	1235
882	Same	La Torres	3200
883	Same	Sutton	3120
884	Same	Pacific Ext	2500
885	Franklin	Oberfeld	29847
886	Same	Leaf	4500
887	Same	Natl' Le	2805
888	Same	Otis Elev	1825
889	Same	Peterson	1672

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921	Same	Musto	755
922	Same	Calif Mill	7289
923	Same	Morrison	1100
924	Same	May	7600
925	Same	Fess	885
926	Larsen	Perazzi	6200
927	Young	Klamm	3690
928	Shoong	Brothers	1150
929	Cochrane	Moller	14650
930	P P I Exp.	Lehner	3000
931	Same	Paradise	7680
932	Same	Phin	3108
933	Same	Healy	12500
934	Pinocchio	Parkin	9800
935	Imeter	Maudrell	3235
936	Keenan	Keenan	4000
937	Same	Same	4000
938	Same	Same	4000
939	Same	Same	4000
940	Same	Same	7000
941	Same	Same	7000
942	Smith	Smith	2000
943	Lapham	Lapham	2500
944	Heise	Siessel	400
945	Friedman	Owner	1000
946	Samuels	Owner	1000
947	Phipps	Grahn	650
948	Ferroggiaro	Carraro	500
949	Solomons	Alleigh	700
950	Gray	Marolo	2400
951	Same	Marble	1500
952	Schmid	Ploeger	3110
953	Da San Martino	Ferroni	4344
954	Samuels	Hannah	6173
955	Cal Cable Co.	Coburn	3000
956	Penziner	Johnson	10000
957	Pac Gas & Elec.	Graham	7870
958	Pac Oil & Lead	Decker	6017
959	Gray	Leigh	1850
960	Same	Same	1850
961	Dyar	Tyler	4000
962	Same	Same	4000
963	Miller	Elmet	4000
964	Same	Same	4000
965	Same	Same	4000
966	West Cost Iron	Owner	4000
967	Knudsen	Owner	1400
968	Johnson	Johnson	1850
969	Blum	Blum	2800
970	Karligen	Owner	400
971	Condon	Condon	8000
972	Hamerton	Hamerton	500
973	Schwartz	Schwartz	600
974	Light	Light	700
975	S Steel	Owner	700
976	Hasland	Hasland	700
977	Cochran	De Guerre	1000
978	Peterson	Peterson	12500
979	Prechelle	Tyler	5000
980	Dunn	Healy	2254

(880) NO. 14 WAYNE PLACE. Three-story and basement frame flats.
Owner.....Mr. Podesta, 10 Wayne Pl., San Francisco.
Architect...J. Devenenzi.
Contractor...J. Devenenzi, 1069 Union, San Francisco.
COST, \$5000

(881) W BAKER 75 S Greenwich. One story frame store.
Owner.....Mrs. M. Skahan, 2837 Baker, San Francisco.
Architect...None.
Contractor...P. J. Reardon, 2837 Baker, San Francisco.
COST, \$1000

(882) S JUDAH 82 E 8th Ave. Two-story and basement frame dwelling.
Owner.....T. Berggwis, 3931 21st, San Francisco.
Architect...None.
Day's work.....COST, \$2800

(883) E NAPLES 150 N Persia. One-story and basement and attic frame residence.
Owner.....Edw. J. Conlan, 1935 Howard, San Francisco.
Architect...None.
Day's work.....COST, \$1900

(884) NO. 532 TWENTIETH AVE. Raise and repair residence.
Owner.....R. E. Mohertee, Premises.
Architect...None.
Day's work.....COST, \$500

(885) NO. 623 GUERRERO. Raise roof and erect gallery.

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615 Phelan Building, San Francisco

Owner.....S. F. Casket Co., Premises. Architect...None.
Contractor...Thos. Healey, 1786 Market, San Francisco.
COST, \$1000

(886) COMG. AT PT 89 W from NW Cor. Sansome and Gold N 128-9xW 59-2 1/2. All work for alterations and extension to present three-story reinforced concrete building.
Owner.....Pacific Coast Syrup Co., 721 Sansome St San Francisco
Engineer...Edw. L. Soule, Monadnock Bldg., San Francisco.
Contractor...Bluxome & Co., Monadnock Bldg., San Francisco.
Filed Mar. 10, '13. Dated Mar. 10, '13.
On 1st of each month comm. April 1, 1913..... 75%
Usual 35 days. 25%..... \$4899.25
TOTAL COST, \$19,597.00
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(887) W HOWARD 90 S 20th 29-10x95. All work except gas fixtures, mantels and shades for two-story and basement frame (4) flats.
Owner.....Catherine C. Bannan, 2953 21st, San Francisco.
Architect...None.
Contractor...Mager Bros., 110 Jessie, San Francisco.
Filed Mar. 10, '13. Dated Mar. 8, 03.
Frame up\$1711
Brown coated 1711
Accepted 1711
Usual 35 days..... 1712
TOTAL COST, \$6845
Bond, none. Limit, 100 days after Mar. 10. Forfeit, none. Plans and specifications filed.

(888) E STOCKTON 115-6 N Greenwich N 25x E 100. All work for three story and basement frame flats.
Owner.....Paul De Bernardi, 1720 Stockton, San Francisco.

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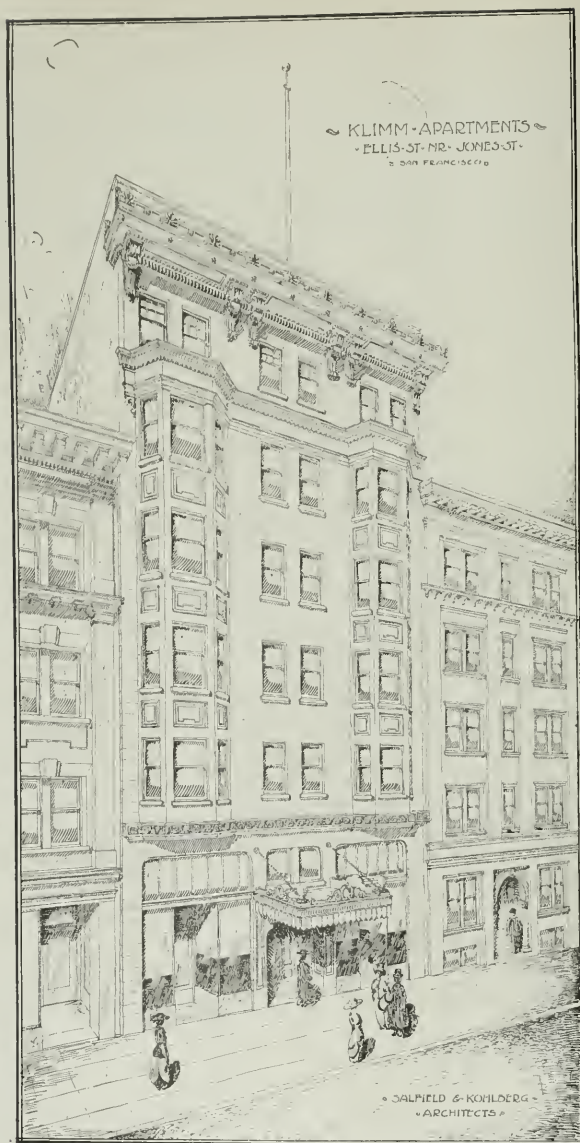
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Architect...C. O. Clausen, Phelan Bldg., San Francisco.
Contractor...Ratto & Giannini, 232 Hartford, San Francisco.
Filed Mar. 10, '13. Dated Feb. 4, '13.
Frame up\$1400
Brown coated 1600
Completed and accepted..... 1600
Usual 35 days..... 1545
TOTAL COST, \$6145
Bond, Guaranty bond in favor of owner. Sureties, O. Giannini and Louis S. Lass. Limit, 70 days. Forfeit, none. Plans and specifications filed.
NOTE:—First report March 5th, No. 12.

889) N BROADWAY 65-9 W Webster W 148-9xN 275. Copper flashings, gutters, cornice, metal covered doors, window frames, skylights, louvers, ventilators, asphalt and gravel roof, etc., for two-story Class "A" residence.
Owner.....Jas. L. Flood.
Architect...Bliss & Paville, Balboa Bldg., San Francisco.
Contractor...Conlin & Roberts, 410 Natoma, San Francisco.
Filed Mar. 10, '13. Dated Mar. 4, '13.
Payments on 1st of each month commencing April 1, 1913 of... 75%
Usual 35 days, 25%.....\$4245
TOTAL COST, \$16,980
Bond, \$8500. Surety, Pacific Coast Casualty Co. Limit, 90 days. Forfeit, 25. Plans and specifications filed.

890) EXTERIOR FRAMES & SASH, etc., on above.
Contractor...Pacific Mfg. Co., 177 Stevenson, San Francisco.
Filed Mar. 10, '13. Dated Mar. 4, '13.

Payments same as above.....
TOTAL COST, \$2964
Bond, Guaranty bond in favor of owner. Sureties, Fred H. Beaver and J. D. Hannah. Limit, 60 days. Forfeit, \$25. Plans and specifications filed.

(891) HEATING AND VENTILATING system, etc., on above.
Contractor...John G. Sutton Co., 243 Minna, San Francisco.
Filed Mar. 10, '13. Dated Mar. 4, '13.
Payments same as above.....
TOTAL COST, \$12,790
Bond, Guaranty bond in favor of owner. Sureties, John G. Sutton and Wm. P. Scott. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(892) COLORED ENAMELED Mission tile for roof, special tile, etc., on above.
Contractor...Gladding McBean Co., Crocker Bldg., S. F.
Filed Mar. 10, '13. Dated Mar. 4, '13.
Payments same as above.....
TOTAL COST, \$7360
Bond, Guaranty bond in favor of owner. Sureties, P. McG. McBean and Atholl McBean. Limit, July 1. Forfeit, \$25. Plans and specifications filed.

(893) N BROADWAY 97-6 E Franklin E 27-6xN 137-6. Alterations and additions, except painting for two-story and basement frame flats.
Owner.....Mrs. Leopold Hirsch (Emily), 1668 Broadway, San Francisco.
Architect...Mohr Bros., Pacific Bldg., San Francisco.
Contractor...M. M. Finlayson, 2429 Valjejo, San Francisco.
Filed Mar. 10, '13. Dated Mar. 8, '13.

Progressive payments of..... 75%
Usual 35 days.....\$1000
TOTAL COST, \$3968
Bond, \$1984. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days from March 15. Forfeit, none. Plans and specifications filed.

(891) S PINE 37-6 E Leavenworth. Three-story and basement frame apartments.
Owner.....Theodore E. Ruifs, 1360 Hyde, San Francisco.
Architect...A. F. & C. M. Rousseau, 441 Monadnock Bldg., S. F.
Contractor...J. Erle Johanson, 2726 20th, San Francisco.
COST, \$11,000

(895) W LEAVENWORTH 63 N Ellis. Five-story and basement brick and steel frame (45) apartments.
Owner.....Calvin E. Knickerbocker & A. Boswick, 143 2nd, S. F.
Architect...A. F. & C. M. Rousseau, Monadnock Bldg., S. F.
STEEL—Dyer Bros., 17th and Kansas Day's work. COST, \$75,600

(896) NO. 2638 TWENTY-SIXTH AVE. One-story and basement frame dwlg.
Owner.....K. Cannon, Premises.
Architect...None.
Contractor...A. F. Cannon, Premises.
COST, \$1000

(897) S EDINBURGH 250 W Brazil. One-story and basement frame dwlg.
Owner.....A. B. Frank, 4601 Mission, San Francisco.
Architect...None.
Day's work. COST, \$1250

(898) N INGERSON 350 E Jennings. One-story and basement frame dwlg.

BUILDING AND INDUSTRIAL NEWS.

Owner.....A. Baccinini.
 Architect.....None.
 Contractor.....A. Marchi, 19 Redonda,
 San Francisco.

COST, \$1000

(899) N MISSION 27-10 W Niagara.
 One-story frame store.

Owner.....S. Stephens, Premises.
 Architect.....None.
 Contractor.....Allen Bros., 4325 Mission,
 San Francisco.

COST, \$800

(900) NOS. 1679-81 ELLIS. Alter, re-
 pair and add to stores.

Owner.....Lizzie M. Donovan, San
 Jose, California.
 Architect.....None.
 Contractor.....N. P. Wynne, 3490 18th,
 San Francisco. COST, \$800

(901) NO. 173 ANDERSON. Move, add
 two rooms and concrete foundation.
 Owner.....George Fuchs, Premises.
 Architect.....None.
 Contractor.....C. Rodstrom, 220 Gates,
 San Francisco.

COST, \$800

(902) S TWENTIETH, bet Delaware
 and Bay. Remove and erect new
 brick stable.

Owner.....U. S. Steel Products Co.,
 Rialto Bldg., S. F.
 Architect.....None.
 Day's work.

COST, \$600

(903) NO. 2645 BAKER. Move and
 add to dwelling.

Owner.....Ida M. Ficila, Premises.
 Architect.....None.
 Contractor.....J. Birchill, 1155 Turk, S. F.

COST, \$1000

(904) NO. 232 PIXLEY AVE. Add 2
 rooms and erect barn.

Owner.....A. Besson, Premises.
 Architect.....None.
 Contractor.....F. Guillon, 55 John, S. F.

COST, \$400

(905) SE CALIFORNIA AND HYDE.
 Alter and add to dwelling.

Owner.....John A. McLeod, Premises.
 Architect.....Kidd & Anderson, 251
 Kearny, San Francisco.

Day's work. COST, \$1000

(906) W EMBARCADERO 45 N How-
 ard. Repair roof and extend wall.

Owner.....Pope & Talbot, 3rd and
 Berry, San Francisco.
 Architect.....O'Brien & Werner, 68 Post,
 San Francisco.

Day's work. COST, \$1500

(907) NW MINNA 50 E Second. In-
 stall electric sidewalk elevator.

Owner.....John Rapp, 1461 Page, S. F.
 Architect.....None.
 Contractor.....J. T. Lorenzen, 430 Steiner,
 S. F.

COST, \$500

(908) W FILLMORE 24 N Pixley N 24
 xW 100. All work except light fix-
 tures and shades for three-story
 frame store and apartments.

Owner.....Carl Maier.
 Architect.....Banks & Copeland, 333
 Kearny, San Francisco.

Contractor.....Wm. Linden, 110 Jessie,
 San Francisco.

Filed Mar. 11, '13. Dated Mar. 10, '13.
 and story joists in place.....\$1425
 Inside brown mortar on..... 1375
 White coated..... 1375
 Accepted..... 1375
 Usual 35 days..... 1850

TOTAL COST, \$7400

Bond, Guaranty bond in favor of own-
 er, Sureties, Michael Rooney and John
 Casaretto. Limit, 90 days. Forfeit,
 none. Plans and specifications filed.

(909) N SACRAMENTO 200 E Drumm
 N 59-9xE 25. Carpentry, joinery,
 hardware, glazing, tinning, gal-
 vanized iron, roofing, electric wiring,
 painting, whitewashing, plumbing,
 severing and gas fitting for three-
 story and basement Class "C" loft
 building.

Owner.....Union Pacific Salt Co.,
 46 Sacramento, S. F.
 Architect.....O'Brien Bros., Inc., Clunie
 Bldg., San Francisco.
 Contractor.....A. M. Wallen, 110 Jessie,
 San Francisco.

Filed Mar. 11, '13. Dated Mar. 11, '13.
 Roof rafters set.....\$550
 Roofed, rough floor and plumbing
 roughed in and galv. iron set..... 850
 Completed and accepted..... 850
 Usual 35 days..... 850

TOTAL COST, \$3400

Bond, none. Limit, 40 days. Forfeit,
 \$7.50. Plans and specifications filed.

(910) S MISSION 146-6 W Tenth W
 102-10 S 80 W 27-4 S 80 E 130-2 N 160.
 Excavation and grading for five-
 story manufacturing building.

Owner.....Gantner & Mattern Co., 80
 Geary, San Francisco.
 Architect.....Geo. W. Kelham, Shreve
 Bldg., San Francisco.

Contractor.....Lindgren Co., Monadnock
 Bldg., San Francisco.

Filed Mar. 11, '13. Dated Feb. 7, '13.
 Payments as work progresses... 75%
 Usual 35 days.....Balance

TOTAL COST, \$5995

Bond, none. Limit, 30 days. Forfeit,
 none. Plans and specifications filed.

(911) REINFORCED CONCRETE, MA-
 sonery, granite, carpentry, lath and
 plaster, sheet metal, roofing, iron
 work, painting, plumbing, glazing,
 rolling shutters, vault lights and
 metal sash on above.

Contractor.....Lindgren Co., Monadnock
 Bldg., San Francisco.

Filed Mar. 11, '13. Dated Feb. 7, '13.
 Payments same as above.....

TOTAL COST, \$106,167

Bond, \$53,100. Sureties, J. H. McCal-
 lumb and J. W. Shouten. Limit, 170 days
 Forfeit, none. Plans and specifications
 filed.

(912) NE TURK AND FILLMORE N
 275xE 150. Ornamental iron work
 for four-story and basement rein-
 forced concrete apartment and store
 building.

Owner.....Realty & Rebuilding Co.
 by Macdonald & Kahn,
 Rialto Bldg., San Francisco
 Architect.....Miller & Colmesnil, Lick
 Bldg., San Francisco.

Contractor.....Brode Iron Works, 31
 Hawthorne, S. F.

Filed Mar. 11, '13. Dated Mar. 6, '13.
 Payments 10th of each month 75%
 36 days after..... 25%

TOTAL COST, \$1335

Bond, \$670. Surety, Massachusetts
 Bonding & Insurance Co. Limit, none.
 Forfeit, none. Plans and specifications
 filed.

(913) PAINTING ON ABOVE.
 Contractor.....Frank La Torres, 3237
 Mission, San Francisco.

Filed Mar. 11, '13. Dated Feb. 17, '13.
 Payments same as above.....

TOTAL COST, \$3300

Bond, \$1650. Surety, Massachusetts

Bonding & Insurance Co. Limit, none.
 Forfeit, none. Plans and specifications
 filed.

(914) HEATING WORK ON ABOVE.
 Contractor.....John G. Sutton Co., 243
 Minna, San Francisco.

Filed Mar. 11, '13. Dated.....
 Payments same as above.....

TOTAL COST, \$312

Bond, \$1600. Surety, Pacific Coast
 Casualty Co. Limit, none. Forfeit,
 none. Plans and specifications filed.

(915) ELECTRICAL WORK ON ABOVE
 Contractor.....Pacific Fire Extinguisher
 Co., 507 Montgomery, S. F.

Filed Mar. 11, '13. Dated Mar. 1, '13.
 Payments same as above.....

TOTAL COST, \$3500

Bond, limit, forfeit, none. Plans and
 specifications filed.

(916) N O'FARRELL 137-6 E Larkin
 N 137-6xE 68-9. Carpenter, brick,
 concrete, lumber, roofing, stairs,
 patent chimneys, structural steel
 and iron, glass, painting and tile
 work for four-story and basement
 brick stores and apartments.

Owner.....Franklin Realty Co., 79
 Clementina, San Francisco

Architect.....August Nordin, Mills Bldg,
 San Francisco.

Contractor.....Chas. Oberfeld, 403 Kearny
 San Francisco.

Filed Mar. 11, '13. Dated Mar. 7, '13.
 On 1st and 15th of each month 75%
 Usual 35 days..... 25%

TOTAL COST, \$29,847

Bond, \$14,923.50. Sureties, Harry H.
 Falk and M. D. Cohn. Limit, August 1
 Forfeit, \$15. Plans and specifications
 filed.

(917) LATHING AND PLASTERING
 staff work, etc., on above.

Contractor.....Leaf & Kaiser.
 Filed Mar. 11, '13. Dated Mar. 7, '13.

Brown coated.....\$1800
 Completed, except patching... 112
 Completed..... 450

Usual 35 days..... 112

TOTAL COST, \$450

Bond, \$2200. Surety, Aetna Accident &
 Liability Co. Limit, 30 days. Forfeit,
 \$15. Plans and specifications filed.

(918) ELECTRICAL WORK ON ABOVE
 Contractor.....National Elec. Co., 10
 Turk, San Francisco.

Filed Mar. 11, '13. Dated Mar. 7, '13.
 Roughed in.....\$ 95

Completed and accepted..... 122

Usual 35 days..... 72

TOTAL COST, \$290

Bond, \$1452.50. Surety, Pacific Coast
 Casualty Co. Limit, 20 days for
 roughing and 16 days for finishing

Forfeit, \$15. Plans and specifications
 filed.

(919) ONE ELECTRIC PASSENGER
 elevator on above.

Contractor.....Otis Elevator Co., Beach
 and S. Ockton, S. F.

Filed Mar. 11, '13. Dated Feb. 19, '13.
 Shipping of engine.....

Engine in position.....Balance

Usual 35 days.....Balance

TOTAL COST, \$160

Bond, limit, forfeit, none. Plans and
 specifications filed.

(920) STEAM HEATING SYSTEM C
 above.

Contractor.....Peterson-James Co., 7
 Larkin, San Francisco.

Filed Mar. 11, '13. Dated Mar. 7, '13.

Work roughed in.....\$600
 Completed.....754
 Usual 35 days.....319
TOTAL COST, \$1673
 Bond, \$836.50. Sureties, J. H. Wright & Chas. Lauffer. Limit, 15 days after finishing in and 10 days after finishing. Forfeit, \$15. Plans and specifications filed.

(1) MARBLE & TILE ON ABOVE.
 Contractor, Joseph Musto Sons-Keenan Co., 535 North Point, S. F.
 Filed Mar. 11, '13. Dated Mar. 4, '13.
 Work in lat of each month.....75%
 Usual 35 days.....25%
TOTAL COST, \$755
 Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2) MILL WORK ON ABOVE.
 Contractor, California Mill Co., 645 Bryant, San Francisco.
 Filed Mar. 11, '13. Dated Mar. 7, '13.
 Work in lat of each month.....75%
 Usual 35 days.....25%
TOTAL COST, \$7289
 Bond, \$3644.50. Surety, R. Herring. Limit, as fast as required. Forfeit, \$20. Plans and specifications filed.

(3) SHEET METAL WORK ON ABOVE.
 Contractor, Morrison & Co., 769 McAllister, San Francisco.
 Filed Mar. 11, '13. Dated Mar. 7, '13.
 Main cornice completed.....\$400
 Completed.....650
 Usual 35 days.....350
TOTAL COST, \$1400
 Bond, none. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

(4) PLUMBING, DRAINAGE AND GAS FITTING ON ABOVE.
 Contractor, Gus May, 3670 18th, S. F.
 Filed Mar. 11, '13. Dated Mar. 7, '13.
 All pipes roughed in.....\$2850
 Completed.....2850
 Usual 35 days.....1900
TOTAL COST, \$7600
 Bond, \$3800. Sureties, Mathilda May &abella Kirby. Limit, 20 days for finishing. Forfeit, \$20. Plans and specifications filed.

(5) OIL BURNING EQUIPMENT ON ABOVE.
 Contractor, Fess System Co., 220 Natoma, San Francisco.
 Filed Mar. 11, '13. Dated Mar. 7, '13.
 Tank and piping installed.....\$225
 Completion of installing burners 270
 Usual 35 days.....190
TOTAL COST, \$685
 Bond, limit, forfeit, none. Plans and specifications filed.

(6) SE POST AND JONES. Plumbing, gas fitting and sewerage for six-story and basement brick apartments and stores.
 Owner, Niels Larsen by L. C. and Chris Larsen, 62 Post, S. F.
 Architect, H. J. Perazzi, 2237 Leavenworth, San Francisco.
 Filed Mar. 12, '13. Dated Mar. 4, '13.
 Roughed in.....\$2400
 Completed and accepted.....2325
 Usual 35 days.....1575
TOTAL COST, \$6300
 Bond, limit, forfeit, none. Plans and specifications, none.

(7) N O'FARRELL 80 W Devisadero W 195 N 137-6 E 150 S 25 E 25 S 25 E 20 S 87-6. Sewering and plumbing for two and three-story reinforced concrete brick bakery.

Owner, Young & Swain Baking Co., 1433 Devisadero, S. F.
 Architect, Ross & Burgren, 310 California, San Francisco.
 Contractor, Frank J. Kihum, 221 Oak, San Francisco.

Filed Mar. 12, '13. Dated Mar. 4, '13.
 All work roughed in.....1765
 Completed and accepted.....1000
 Usual 35 days.....925
TOTAL COST, \$3690
 Bond, \$2000. Sureties, David Lyons and Jeremiah Donovan. Limit, as fast as possible. Forfeit, \$20. Plans and specifications filed.

(928) NO. 1415 FILLMORE. Placing new front on new store.
 Owner, Joe Shooing & Co.
 Architect, C. M. Cook, Rialto Bldg., San Francisco.
 Contractor, R. A. Crothers, 1200 First Ave., San Francisco.
 Filed Mar. 12, '13. Dated Mar. 11, '13.
 Rough carpenter, marble and glass in.....\$725
 Usual 35 days.....725
TOTAL COST, \$1450
 Bond, none. Limit, 10 days. Forfeit, \$12. Plans and specifications filed.

(929) N SACRAMENTO 102-6 E Baker E 35xN 127-8 1/4. All work for three-story frame store and apartments.
 Owner, Mrs. A. F. Cochrane, Morgan Hill, Santa Clara Co., California.

Architect, Ross & Burgren, 310 California, San Francisco.
 Contractor, Fred Miller, 225 Dolores, San Francisco.
 Filed Mar. 12, '13. Dated Feb. 24, '13.
 1st story joists on.....\$2985
 Roof rafters on.....2000
 Brown coated.....2000
 White coated.....2000
 Completed and accepted.....2000
 Usual 35 days.....3665
TOTAL COST, \$14,650
 Bond, \$7325. Sureties, A. W. Thornton and J. P. Leonard. Limit, none. Forfeit, \$5. Plans and specifications filed.

(930) EXPOSITION SITE. Loam for exposition gardens.
 Owner, Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect, None.
 Contractor, Frank Lehner, 292 14th, San Francisco.
 Filed Mar. 12, '13. Dated Mar. 3, '13.
 As work progresses.....75%
 Usual 35 days.....25%
TOTAL COST, \$5000
 Bond, \$2500. Surety, National Surety Co. Limit, 200 days. Forfeit, none. Plans and specifications filed.

(931) BARK AND TRIM PILES. Supply and apply paraffine paint preservative to piles of freight ship.
 Contractor, Paraffine Paint Co., 34 1st, San Francisco.

Filed Mar. 12, '13. Dated Mar. 5, '13.
 Payments same as above.....
TOTAL COST, \$7680
 Bond, \$5000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(932) CONSTRUCTION OF ROADWAY adjacent to Service Building.
 Contractor, Flinn & Treacy.
 Filed Mar. 12, '13. Dated Mar. 5, '13.
 Payments same as above.....
TOTAL COST, \$3403
 Bond, \$2000. Surety, American Bond-

ing Co. of Baltimore. Limit, 90 days. Forfeit, \$15. Plans and specifications filed.

(933) ROCK SEAWALL IN CONNECTION with freight ship and dock.
 Contractor, Healy-Thibbitts Constr. Co., 9 Main, San Francisco.
 Filed Mar. 12, '13. Dated Mar. 12, '13.
 Payments same as above.....

TOTAL COST, \$12,500
 Bond, \$7000. Surety, Globe Indemnity Co. Limit, 60 days. Forfeit, \$25. Plans and specifications filed.

(934) E GRANT AVE 68-9 S Union 68-9xS 137-6. All work except gas fixtures and window shades for two-story and basement frame building (bowling alley and stores).
 Owner, G. A. and B. Flinocchio & S. Filipo.
 Architect, None.

Contractor, B. Pagano, 48 Allen, S. F.
 Filed Mar. 12, '13. Dated Mar. 12, '13.
 Frame up.....\$2400
 Brown coated.....2400
 Completed and accepted.....2400
 Usual 35 days.....2400
TOTAL COST, \$9600

Bond, Guarantee bond in favor of owner. Sureties, A. L. Cicerone and G. Devincenzi. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(935) N BUSH 88-6 E JONES 49x137-6. Painting, decorating and papering for six-story and basement Class "C" concrete and steel frame building.
 Owner, E. L. Hueter, 816 Mission, San Francisco.

Architect, Grace Jewett, 604 Montgomery, San Francisco.
 Contractor, H. Maundrell, 565 Hayes, San Francisco.
 Filed Mar. 12, '13. Dated Mar. 12, '13.
 Exterior has received priming coat.....\$500
 Interior and exterior has received 2nd coat.....650
 Exterior and interior finish completed.....1275
 Balance 25% on entire completion
TOTAL COST, \$3235

Bond, none. Limit, none. Forfeit, \$20. Plans and specifications filed.

(936) N HAYES 110 E Masonic. Two-story and basement frame flats.
 Owner, C. J. & W. J. Keenan, Hayes & Masonic, S. F.

Architect, None.
 Day's work.....COST, \$4000

(937) N HAYES 85 E Masonic. Two-story and basement frame flats.
 Owner, C. J. & W. J. Keenan, Hayes & Masonic, S. F.

Architect, None.
 Day's work.....COST, \$4000

(938) N HAYES 120 W Central Ave. Two-story and basement frame flats.
 Owner, C. J. & W. J. Keenan, Hayes & Masonic, S. F.

Architect, None.
 Day's work.....COST, \$4000

(939) N HAYES 145 W Central Ave. Two-story and basement frame flats.
 Owner, C. J. & W. J. Keenan, Hayes & Masonic, S. F.

Architect, None.
 Day's work.....COST, \$4000

(940) N HAYES 135 W Central Ave. Three-story and basement frame flats.
 Owner, C. J. & W. J. Keenan,

Hayes & Masonic, S. F.
 Architect...None.
 Day's work.....COST, \$7000

(941) N HAYES 170 W Central Ave.
 Three-story and basement frame (6)
 flats.

Owner.....C. J. & W. J. Keenan,
 Hayes & Masonic, S. F.
 Architect...None.
 Day's work.....COST, \$7000

(942) E CORBETT NO. 777 Corbett
 Ave. Two-story and basement frame
 dwelling.

Owner.....H. W. Smith, 777 Corbett
 Ave., San Francisco.
 Day's work.....COST, \$2000

(943) E TWELFTH AVE 275 S Anza.
 Two-story and basement frame dwlg.
 Owner.....A. R. Lapham.

Architect...None.
 Day's work.....COST, \$2500

(944) NW SIXTEENTH & RONDEL
 Alter and repair saloon.

Owner.....J. D. Heise, Premises.
 Architect...None.
 Contractor, John Siesel, 2345 Mission,
 San Francisco.
 COST, \$400

(945) NO. 3604 MISSION. Finish
 dwelling.

Owner.....Freidman Bros.
 Architect...None.
 Day's work.....COST, \$400

(946) E CHARTER OAK 150 N Silver.
 One and one-half-story and base-
 ment frame dwelling.

Owner.....Otto Kalinowsky, 209
 Charter Oak, San Francisco
 Architect...None.
 Day's work.....COST, \$1000

(947) E ANDERSON 200 S Jarboe.
 Concrete foundation, new roof and
 add one room.

Owner.....J. J. Phipps, 465 Anderson,
 San Francisco.
 Architect...None.
 Contractor, Wm. H. Grahn, 3008 Har-
 rison, San Francisco.
 COST, \$650

(948) NO. 14 NEPTUNE. Raise and
 add to residence.

Owner.....J. Ferroggiaro, Premises.
 Architect...None.
 Contractor, Carraro & Co., 750 Felton,
 San Francisco.
 COST, \$500

(949) NOS. 3121-23 BRODERICK. Add
 and repair residence.

Owner.....L. J. Solomons, Metropolis
 Bank Bldg., S. F.
 Architect...None.
 Contractor, Vanderford & Alleigh, 1422
 Franklin, San Francisco.
 COST, \$700

(950) SW CALIFORNIA & LEIDES-
 dorff. Concrete pipe tunnel connect-
 ing Insurance Exchange Building
 with Merchants' Exchange Building.

Owner.....The Insurance Exchange
 Company.
 Architect...Willis Polk & Co., Mer-
 chants' Exchange Bldg.,
 San Francisco.

Contractor, Markle & Roberts.
 Filed Mar. 13, '13. Dated Mar. 8, '13.
 Payments on 1st of each month 75%
 Usual 35 days.....25%

TOTAL COST, \$2450
 Bond, \$1225. Surety, Massachusetts

Bonding & Insurance Co. Limit, May
 1, '13. Forfeit, none. Plans and speci-
 fications filed.

(951) CONCRETE PUMP FOUNDA-
 tion and trench in Merchants' Ex-
 change Building.

Contractor, Markle & Roberts.
 Filed Mar. 13, '13. Dated Mar. 8, '13.
 Payments same as above.....

TOTAL COST, \$1500
 Bond, \$750. Surety, Massachusetts
 Bonding & Insurance Co. Limit, May
 24, '13. Forfeit, none. Plans and speci-
 fications filed.

(952) W OAKGROVE AVE 200 N Bry-
 ant. Carpenter, sheet metal, concrete
 and plumbing for two and partly 3-
 story frame work shop building.

Owner.....John Schmid, 527 Bryant,
 San Francisco.
 Architect...J. M. Ploeger.
 Contractor, J. M. Ploeger, 3265 26th,
 San Francisco.

Filed Mar. 13, '13. Dated Feb. 14, '13.
 1st floor joists on.....\$77.50
 Ready for sheet metal.....77.50
 Completed and accepted.....77.50
 Usual 35 days.....77.50

TOTAL COST, \$310.00
 Bond, none. Limit, as fast as possible.

Forfeit, none. Plans and specifications
 filed.
 NOTE:—First report Feb. 19th No.
 590.

(953) S CHESTNUT 104-9 W Taylor
 32-9x145 All work except concrete
 for foundation, basement floor, ter-
 razzo steps and mosaic floor for two-
 story and basement frame flats.

Owner.....P. and L. Da San Martino,
 931 Chestnut, S. F.

Architect...Louis Mastropasqua, 580
 Washington, San Francisco
 Contractor, G. Perroni & Son, 3045
 Octavia, San Francisco.

Filed Mar. 13, '13. Dated Mar. 11, '13.
 Frame up and roof on.....\$1085
 1st coat plaster on.....1085
 Completed and accepted.....1085
 Usual 35 days.....1085

TOTAL COST, \$4340
 Bond, none. Limit, 90 days. Forfeit,
 none. Plans and specifications filed

NOTE:—First report Feb. 19th No.
 588.

(954) S SUTTER 137-6 E Polk E 27-6
 xS 120. All work for one-story and
 basement reinforced concrete bldg.

Owner.....The D. Samuels Realty Co.
 Engineer...L. M. Hausmann.

Contractor, Jesse D. Hannah, Monad-
 nock Bldg., San Francisco
 Filed Mar. 13, '13. Dated Mar. 1, '13.

Reinforced shell completed.....\$1543.25
 Roof completed.....1543.25
 Completed and accepted.....1543.25
 Usual 35 days.....1543.25

TOTAL COST \$6173.00
 Bond, none. Limit, 90 days. Forfeit,
 \$5. Plans and specifications filed.

(955) S CALIFORNIA 137-6 W Hyde
 W 52xS 66. Concrete, brick, lumber,
 labor, mill, tar and gravel roof, tin-
 ning, glass and rough hardware for
 two-story addition to present car
 house.

Owner.....California St. Cable Ry. Co.
 Premises.

Architect...G. A. Dodge, Rialto Bldg.,
 San Francisco.
 Contractor, Ira W. Coburn Inc., Hearst
 Bldg., San Francisco.

Filed Mar. 13, '13. Dated Mar. 12, '13.
 1st story joists in place.....\$2260

Roof rafters in place.....22
 Accepted.....22
 Usual 35 days.....22

TOTAL COST, \$88

Bond, none. Limit, 70 days after Mar.
 14, Forfeit, \$10. Plans and specifica-
 tions filed.

NOTE:—First report Feb. 20th, No.
 615.

(956) S JACKSON 52-6 W Jones.
 work for three-story frame apart-
 ments.

Owner.....Abraham Penziner, 25
 26th, San Francisco.

Architect...Johnson & Hatland.
 Contractor, Johnson & Hatland, 15
 Church, San Francisco.

Filed Mar. 13, '13. Dated Mar. 13, '13
 1st floor joists on.....\$10

Roof on.....10
 Brown coated.....25
 Completed.....25
 Usual 35 days.....25

TOTAL COST, \$10.00
 Bond, \$5000. Surety, Southwest
 Surety Ins. Co. Limit, 75 days. For-
 feit, \$2. Plans and specifications filed.

NOTE:—First report March 4th, No.
 771.

(957) SE STEVENSON 315 SW 3rd S
 120-2 1/2 x SE 70. All work for or-
 story garage building.

Owner.....Pacific Gas & Elec. Co., 4
 Sutter, San Francisco.
 Architect...None.

Contractor, David Graham, 148 10
 Ave., San Francisco.

Filed Mar. 14, '13. Dated Mar. 12, '13
 Upon completion.....7
 Usual 35 days.....7

TOTAL COST, \$7
 Bond, \$3935. Surety, Massachusetts
 Bonding & Insurance Co. Limit, no
 Forfeit, none. Plans and specifications
 filed.

(958) NO. 155 TOWNSEND. Temp-
 ary wiring and install a power a-
 light system through entire plant.

Owner.....Pacific Oil & Lead Wire
 Architect...None.

Contractor, Decker Elec. Constr. Co.,
 111 New, Montgome-
 San Francisco.

Filed Mar. 14, '13. Dated Mar. 14, '13
 Payments on 15th of each month
 of.....5
 Usual 35 days.....2

TOTAL COST, \$6
 Bond, \$3100. Surety, American Sur-
 Co. Limit, April 1, '13. Forfeit, no
 Plans and specifications filed.

(959) E TWENTY-SIXTH AVE 250
 Anza. One and one-half-story
 basement frame residence.

Owner.....John Gray, 447 Broderi-
 San Francisco.

Architect...None.
 Contractor, Leigh & Schultz, 330
 Ave., San Francisco.

COST, \$1

(960) E TWENTY-SIXTH AVE 275
 Anza. One and one-half-story
 basement frame residence.

Owner.....John Gray, 447 Broderi-
 San Francisco.

Architect...None.
 Contractor, Leigh & Schultz, 330
 Ave., San Francisco.

COST, \$1

(961) W TWELFTH AVE 275 S Le
 Two-story and basement frame fl
 Owner.....Maretta Dynr, 326 Pine
 Jos. Peckth, 1471 E
 San Francisco.

...None.
 Contractor...P. D. Tyler, 326 Pine, S. F.
 COST, \$1000

90 W TWELFTH AVE 250 S Lake.
 Two-story and basement frame flats.
 Owner.....Maretta Dyar, 326 Pine &
 Jos. Feckth, 1171 Ellis, San Francisco.
 Architect...None.
 Contractor...P. D. Tyler, 326 Pine, S. F.
 COST, \$1000

90 N DORLAND 105 W Guerrero.
 Two-story and basement frame flats.
 Owner.....George W. Miller, Mission
 near 16th, San Francisco.
 Architect...None.
 Contractor...John Binet Co., 68 Ramona
 S. F. COST, \$4000

91 N DORLAND 138 W Guerrero.
 Two-story and basement frame flats.
 Owner.....George W. Miller, Mission
 near 16th, San Francisco.
 Architect...None.
 Contractor...John Binet Co., 68 Ramona
 S. F. COST, \$4000

91 N DORLAND 50 W Guerrero.
 Two-story and basement frame flats.
 Owner.....George W. Miller, Mission
 near 16th, San Francisco.
 Architect...None.
 Contractor...John Binet Co., 68 Ramona
 S. F. COST, \$4000

91 N SIXTEENTH bet Rhode
 Island and De Haro. One-story steel
 unance shed.
 Owner.....West Coast Iron Works,
 549 Mondanock Bldg., S. F.
 Architect...Engineering Department.
 Day's work. COST, \$4000

91 E TEXAS 123 S 20th One and
 one-half-story and basement frame
 dwelling.
 Owner.....J. Knudsen, 170 Bon View,
 San Francisco.
 Architect...O. E. Evans, 2367 Mission,
 San Francisco.
 Day's work. COST, \$1400

91 W SIXTEENTH AVE 275-11 N
 Clement. Two-story and basement
 frame residence.
 Owner.....Alfred Johnson, 2423 Cle-
 ment, San Francisco.
 Architect...O. E. Evans, 2367 Mission,
 San Francisco.
 Day's work. COST, \$1850

91 E TWENTY-SIXTH AVE 225 N
 Judah. Two-story and basement
 frame residence.
 Owner.....Mrs. E. C. Blum, 69 Falcon,
 San Francisco.
 Architect...H. L. Blum, 69 Falcon,
 San Francisco.
 Day's work. Cost, \$2800

91 NO. 949 RHODE ISLAND. Add
 kitchen.
 Owner.....D. Karnaigan, Premises.
 Architect...None.
 Day's work. COST, \$400

91 NW TENTH AVE & CARRILLO
 Two-story and basement frame store
 and flat.
 Owner.....David Condon, 4188 20th,
 San Francisco.
 Architect...Plans by Owner.
 Day's work. COST, \$8000

91 E CHATTANOOGA 130 N 21th.
 Move and underpin dwelling and
 add plumbing.

Owner.....Wm. C. Hamerton & Son,
 1361 Waller, San Francisco
 Architect...None.
 Day's work. COST, \$500

973 NO. 2372 MISSION. Electric
 sign.
 Owner.....S. Schwartz, Premises.
 Architect...None.
 Day's work. COST, \$500

(974) NO. 125 MONTGOMERY. Alter
 and add to store.
 Owner.....Delrickson & Light, Prem.
 Architect...None.
 Day's work. COST, \$700

(975) TWENTYETH AND LOUISIANA.
 One-story brick stable.
 Owner.....United States Prod-
 ucts Co., Rialto Bldg.,
 San Francisco.
 Architect...None.
 Day's work. COST, \$500

(976) SW MOULTRIE & TOMPKINS.
 One-story and basement frame dwlg.
 Owner.....K. E. Hagland, 518 Ander-
 son, San Francisco.
 Architect...None.
 Day's work. COST, \$700

(977) NO. 2528 DIAMOND. One-story
 and basement frame dwelling.
 Owner.....J. W. Cochran, 231 Dolores
 San Francisco.
 Architect...None.
 Contractor...Frank De Guerre, 25
 Proper, San Francisco,
 COST, \$1000

(978) E LEAVENWORTH 112-6 S
 Pine. Three-story and basement
 frame apartments.
 Owner.....Hans Peterson, 3242 26th,
 San Francisco.
 Architect...A. F. & C. M. Rousseau,
 Monadnock Bldg., S. F.
 Day's work. COST, \$13,500

(979) W TWELFTH AVE 250 S Lake
 W 120X S 25. All work for two-story
 frame flats.
 Owner.....Jos. Freecottle, 1171 Ellis,
 San Francisco.
 Architect...None.
 Contractor...Percy D. Tyler, 326 Pierce,
 San Francisco.
 Filed Mar. 15, '13. Dated Mar. 14, '13.
 Roof on\$1500
 Brown coated1000
 Completed1250
 30 days after1250
 TOTAL COST, \$5000
 Bond, none. Limit, 90 days. Forfeit,
 \$5. Plans and specifications filed.

(980) E FRONT 68-9 S Sacramento E
 97-6X 22-11. Pile foundation, bulk-
 heading, etc., for two-story and base-
 ment Class "C" warehouse.
 Owner.....Catherine C. Dunn by P. J.
 Walker Co., Agent.
 Architect...P. J. Walker Co. (as filed),
 Monadnock Bldg., S. F.
 Contractor...Healy-Timbits Constr. Co.,
 9 Main, San Francisco.
 Filed Mar. 15, '13. Dated Mar. 14, '13.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2251
 Bond, \$1127. Surety, Globe Indemnity
 Co. Limit, none. Forfeit, none. Plans
 and specifications filed.

RELEASE OF BLDG. CONTRACT.
 Thos. A. Kelly to Chas. H. Olsen, On
 Newhall bet 9th and 10th Aves. South.
 Contract dated March 8, 1913. Filed
 March 10, 1913.

COMPLETION NOTICES

San Francisco.

Mar. 10, 1913—NE FULTON AND
 Parker Ave E 175X N 255. The
 President and Board of Trustees
 of Saint Ignatius College, Inc. to
 Continental Fireproofing Co., Inc.
Filed 28, 1913

Mar. 10, 1913—LOT 46 BLK "D" Sun-
 set Heights. John A. Root to John
 A. Root & Son.Mar. 7, 1913

Mar. 11, 1913—N TWENTY-SIXTH
 150 W Dolores W 26X N 114. K S
 Bailey to T. Gustafson.Mar. 11, 1913

Mar. 10, 1913—E SCOTT 100 S Lomb-
 ard S 37-E 100. M. Franz to
 John P. Cunningham.Mar. 8, 1913

Mar. 10, 1913—W FIFTEENTH AVE
 175 N Balboa N 25X W 127-6. Jessie
 W. Sheehan to Bowlers & Faen.

Mar. 10, 1913—NW LOMBARD AND
 Gough 40 on Lombard x 137-6 on
 Gough. Golarde Valente to V. F.
 Ippis.Mar. 7, 1913

Mar. 10, 1913—E LEXINGTON 210 S
 19th bet. 19th and 20th. Antonio
 Cuneo to Antonio Cuneo.Mar. 10, '13

Mar. 10, 1913—N FILBERT 85 m or l
 E Polk 30X 86. No. 1350 Filbert.
 Susie I. and John F. Jackson to
 Walker & Kingsland.Mar. 1, 1913

Mar. 10, 1913—W TWENTY-FIFTH
 Ave 275 S Irving 25X 120. M. Fauth
 to whom it may concern.Mar. 5, 1913

Mar. 10, 1913—W FIFTH AVE 225 S
 Judah. C. A. Hall to whom it may
 concern.Mar. 4, 1913

Mar. 10, 1913—W FIFTH AVE 250 S
 Judah. C. A. Hall to whom it may
 concern.Mar. 4, 1913

Mar. 12, 1913—SW BUSH AND SAN-
 ESTE S 68-9X W 137-6. The Crocker
 Estate Co. to Vulcan Iron Works
Mar. 10, 1913

Mar. 12, 1913—LOT 35 Lyon & Hoag's
 Sub Ashbury Terrace. Louis Fer-
 rari to whom it may concern.Mar. 10, 1913

Mar. 12, 1913—E JONES 87-6 S Ellis
 S 50XE 82-6. Bernard Altube to G.
 Trevia and G. B. Pasqualiti.Mar. 11, 1913

Mar. 13, 1913—S EIGHTEENTH 25 E
 Potrero 25X 100. Giuseppe Cava-
 glieri to whom it may concern.

Mar. 12, 1913—E LAIDLEY 215 S
 Roanoke. Fred Ward n D. whom
 it may concern.Mar. 11, 1913

Mar. 13, 1913—SW O'FAIRRELL AND
 Carlos Place S 57-6 E 2-6 S 47 W
 60 N 97-6 E 57-6. The Levy Real
 Estate Co. to Judge & Stevin of
Mar. 6, 1913

Mar. 13, 1913—E THIRTIETH AVE
 297-6 N Balboa N 60XE 120. Mrs.
 Randolph Mohr to S. A. Born. Elk
 Co.Mar. 1, 1913

Mar. 13, 1913—S EIGHTEENTH 50 E
 Potrero 25X 100. Giuseppe Cava-
 glieri to whom it may concern.

Mar. 13, 1913—LOT 7 Map G S Hills
 Sub Lots 3 and 5 BER 11 Market St.
 Hd and right of way over Lot 3
 and 2 as per said map. Alvin G.
 Sala to whom it may concern.

Mar. 11, 1913—E AND OVER 50 N
 Powellton Lot 732 Gift Map No. 2.
 Bartholomew Coope to Wm. G. M.
 Merritt.Mar. 10, 1913

Mar. 11, 1913—E SANCHEZ 89 S
 Cumberland S 25XE 75. Jno and

Joanna Sybenga to Henry AlnefeldMar. 15, 1913
 Mar. 11, 1913—W. PRIEST 97-6 N
 Clay 20531-5. P. V. Dinnen and
 Teresa Dinnen to George C. Tod-
 hunterCompleted—
 Mar. 11, 1913—MISSION NO. 5512 W
 line. Abraham & Margaret Sophy
 to John Ton Co.Mar. 14, 1913
 Mar. 14, 1913—S W TWENTY-TH &
 Noe 57 on Noe and 79-10 on 24th.
 William Nicol Co. to Matthew A.
 LittleMar. 14, 1913
 Mar. 14, 1913—S NINETEENTH 107
 W Castro W 30X8 100. Alice W.
 Adam Wagner to B R Halling....
Mar. 8, 1913
 Mar. 14, 1913—W FOURTH AVE 225
 N Geary 25X120. John Demartini
 to G B Demartini.....Mar. 13, 1913

LIENS FILED.

San Francisco.

Mar. 10, 1913—NW BRYANT 113-8
 NE Third NE 28-9XNW 155. Car-
 nevali Marble & Mosaic Co vs
 Delia Monahan\$138
 Mar. 10, 1913—W TWENTY-SIXTH
 Ave 300 S Clement S 25 W 120-2 1/2
 m or I N 25 m or I E 122-9 1/2. John
 J Binet Co vs Isaac L Cohen.....\$126.23
 Mar. 12, 1913—N BRYANT 113-9 E
 3rd E 28-9XN 80. Holden-Deuprey
 Co vs Delia Monahan.....\$166.77
 Mar. 14, 1913—SW PINE & LAGUNA
 W 87-6X 25. Robt Balzke vs Paul
 Karib and Sarah Sultan.....\$126.50
 Mar. 14, 1913—S CLIPPER 220 W
 Castro W 25X8 114. Jas E Lennon
 Lime & Cement Co (cpn) vs Geo
 W Palmer and Joseph C Stroms-
 wold\$121.05
 Mar. 14, 1913—S BUSH 139-6 E
 Franklin E 25X8 120. Daniel Sul-
 livan vs T L Webster, N Kagami
 and P A Smith Realty Co.....\$208.30

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and
 base, frame, \$40,000. Oakland, Cal.
 Architect, Clay N. Burrell, Albany
 Bldg., Oakland. Owner's name with-
 held. The building will be erected in
 the Lakeside District and is planned
 for one of the most modern apartment
 house structures in the city. Pre-
 liminary plans have only been started
 and details have not been fully de-
 cided upon. Suites will probably be
 of two and three rooms each with
 bath. Interior will be hand-some-
 ly finished, considerable hardwood and
 tile being used. There will be steam
 heat and vacuum cleaning systems.
 All suites will have wall beds. Exter-
 ior will be covered with cement plas-
 ter on metal lath. Complete details
 will be given as the plans progress.

FACTORY GROTT—26 frame build-
 ings. Cost not stated. Livermore,
 Alameda Co., Cal. Architect, none.
 Owners, Coast Manufacturing and Sup-
 ply Co., Livermore. This company is
 establishing a new plant. Several of
 the above mentioned buildings are al-
 ready erected and construction on a
 number of others will follow at once.
 With the exception of the main ad-
 ministration building all other struc-
 tures will be one story in height.

WAREHOUSE—3 story and base,
 brick and steel, \$30,000. Los Angeles,
 Cal. Architect, A. W. Riewe, Califor-
 nia Bldg. L. A. Owners, J. M. Overell

Furniture Co. The building will cover
 an area of 90X140 feet. Construction
 will include considerable structural
 steel, fireproof doors, metal window
 frames and sash, elevators and mod-
 ern plumbing. Interior will be fin-
 ished in pine. The exterior of the
 building will be faced with pressed
 brick. Plans are now being prepared.

FLATS—2 story and base, frame,
 \$1,500. Oakland, Cal. Architect, Clay
 N. Burrell, Albany Bldg., Oakland.
 Owner's name withheld. The building
 will be erected in the Linda Vista
 Tract, and will be designed to contain
 two modern flats of five and six rooms
 each. Interior finish will be of pine
 and redwood with some hardwood
 floors. There will be either open fire
 places or gas grates. Tile will be used
 in the bath rooms and kitchens. The
 exterior of the building will be cov-
 ered with cement plaster on metal
 lath. Plans are now being prepared.

HOTEL—7 story and base. Class C
 construction, \$100,000. Oakland, Cal.
 Architect, Clay N. Burrell, Albany
 Bldg., Oakland. Owner's name with-
 held. The building will be erected
 within three blocks of the new City
 Hall and will contain in the neigh-
 borhood of 100 guest rooms and a
 large number of baths. There will be
 steam heat, elevators, a hot water sup-
 ply system and vacuum cleaning. In-
 terior will be finished in pine, hard-
 woods and tile. There will be a large
 office and lobby on the first floor. Bath
 rooms will have composition floors
 and tile wainscot. The exterior of the
 building will probably be faced with
 pressed brick. Plans are being pre-
 pared.

RESIDENCE—2 story and base,
 frame. Cost not stated. Oakland, Cal.
 Architect, C. W. McCall, Central Bank
 Bldg., Oakland. Owner, Dr. G. B. N.
 Clow. The dwelling will contain eight
 or nine rooms, bath and sleeping porch.
 Interior will be finished in pine and
 hardwood with hardwood floors in the
 principal rooms. There will be fur-
 nace heat and open fire places. Man-
 tels will be of brick. Tile will be used
 in the bath room and kitchen. Roof
 will be covered with asbestos shingles.
 The exterior of the dwelling will be
 covered with cement plaster on metal
 lath. Plans are out for figures.

RESIDENCE—2 story and base,
 frame, \$3,500. Oakland, Cal. Architect,
 A. W. Smith, 1010 Broadway, Oakland.
 Owner, Mrs. S. W. Hall. The dwelling
 will contain seven rooms and bath. In-
 terior will be finished in pine, redwood
 and some hardwood. Hardwood floors
 will be used in the dining and living
 rooms. There will be furnace heat
 and open fire places. Mantels will be
 of brick. The exterior of the house
 will be covered with cement plaster.
 Tile will be used in the bath and
 kitchen. Plans are complete and fig-
 ures are being taken.

RESIDENCE—2 story and base,
 frame, \$1,000. Berkeley, Alameda Co.,
 Cal. Architect, none. Owner, J. A.
 Allen, 2926 Hillegass Ave., Berkeley.
 The dwelling has been designed for a
 six-room house with bath and sleep-
 ing porch. Interior will be finished in
 pine and hardwood with hardwood
 floors in the living and dining rooms
 and reception hall. There will be a
 hot air furnace and open fire places.
 Mantels will be of tile and brick. An
 automatic water heater will be in-
 stalled. Bath room will be finished in

tile. The exterior of the house will be
 covered with shingles. Plans are com-
 plete and the work will be done by Day
 Labor.

RESIDENCE—2 story and base,
 frame, \$4,500. Berkeley, Alameda Co.,
 Cal. Architect, Olin S. Grove, 2911
 Telegraph Ave., Berkeley. Owner, C.
 E. Miller. The house will contain
 seven rooms and bath. Interior will be
 finished in pine and redwood with
 some hardwood veneer. There will be
 furnace heat and open fire places.
 Mantels will be of tile and brick. Oak
 floors will be used in the living rooms,
 reception hall and dining room. Tile
 will be used in the bath and kitchen.
 Exterior of the dwelling will be cov-
 ered with cement plaster. Plans are
 being prepared for the work.

RESIDENCE—2 story and base,
 frame, \$3,000. Alameda, Alameda Co.,
 Cal. Architect, A. S. MacLellan, 2407
 Santa Clara Ave., Alameda. Owner,
 George Gottstein. The house will con-
 tain six rooms and bath. Interior will
 be finished in pine throughout. Hard-
 wood floors will be used in the prin-
 cipal rooms. There will be furnace
 heat and open fire places. Mantels
 will be of brick. Tile will be used in
 the bath room and kitchen. An auto-
 matic water heater will be installed.
 Exterior of the house will be covered
 with cement plaster and shingles.
 Plans are complete and out for figures.

BUNGALOW—1 story and base,
 frame, \$2,200. Alameda, Alameda Co.,
 Cal. Architect, A. S. MacLellan, 2407
 Santa Clara Ave., Alameda. Owner,
 George Gottstein. The bungalow will
 contain five rooms and bath. Interior
 will be finished in pine throughout.
 Some oak floors will be used. There
 will be an open fire place in the living
 room with brick mantel. Tile will be
 used in the bath room and kitchen.
 Exterior of the bungalow will be cov-
 ered with cement plaster. Plans are
 complete and figures are being taken.

SCHOOL GROUP—Class A construc-
 tion. Cost not stated. Oakland, Cal.
 Architect, J. J. Donovan, Security Bank
 Bldg., Oakland. Owners, City of Oak-
 land. Plans and specifications for the
 main building of the new Commercial
 and Manual Training High School, to
 be erected at Forty-fifth and Broad-
 way, Oakland, were presented to the
 Board of Education last evening by
 City Supervising Architect J. J. Dono-
 van. In his communication accom-
 panying the plans, which were refer-
 red to the business manager and the school
 board, he said that the building should be ready
 for occupancy by January 1, 1914.

"We have spent a lot of time on the
 work since last May," said Donovan,
 "and I feel confident that the building
 will be without doubt the most splen-
 did manual training and commercial
 high school building in this country."

Plans were prepared in three sec-
 tions. Section A will be the adminis-
 tration part of the building, and will
 include a library, the principal's suite
 an assembly hall with a gallery seating
 1500, teachers' lunch rooms, a kitchen
 and a band room, with practicing
 rooms.

Section B will include sixteen class
 rooms, six teachers' rooms and com-
 mercial rooms, and in section C will
 be included the lecture rooms and a
 girls' gymnasium and shower baths, a
 housekeeping suite, with kitchen, bed-
 room, living room and bath room, com-
 pletely furnished and cared for by the
 girls. Cooking, sewing and other do-

istic sciences will be taught here. In the basement of the third sections will be located the boys' gymnasium. STORES AND OFFICES—2 story base, brick and steel, \$30,000. Oakland, Cal. Architect, Clay N. Burrell, Bany Bldg., Oakland. Owners, Morand and Muller. This building has been mentioned here before when plans were first started. There will be stores on the first floor and lofts above. Interior will be finished in pine. There will be patent store fronts, modern plumbing and electric work. The exterior of the building will be faced with glazed brick and terra cotta. The architect is now taking figures for the brick work, terra cotta, marble and tile work.

Building Contracts Awarded

Oakland.

8	Coit	Coit	2000
9	King	King	400
10	Stand Wrehse	Brackett	405
11	Perkins	Lydicksen	1400
12	Nicholson	Nicholson	600
13	Schönig	Schönig	1200
14	M E Church	Thaxter	1000
15	Caldwell	Caldwell	300
16	Turner	Nichols	3250
17	Moyles	Moore	3060
18	1st Pres Ch.	Cal Window	1611
19	Banzhaf	Petersen	1500
20	Kroman	Roust	1500
21	Kahler	Hansen	7000
22	Grainger	Barber	2300
23	Pfrang	Pfrang	3000
24	Same	Same	2500
25	Same	Same	2500
26	Wieben	Wieben	2400
27	Kaiser	Wieben	2000
28	United Bldrs	Same	1500
29	Same	Same	1500
30	Rtly Synd	Pratt	3500
31	Ahnfeldt	Owner	1350
32	Gotelli	Florini	1200
33	Turner	Charleston	450
34	Alien	Alien	1000
35	Scholtz	Moran	500
36	Bernstein	Bernstein	1500
37	Larmer	Larmer	2000
38	Scheek	Scheek	2500
39	Brett	Brett	4000
40	Lehman	Lehman	2350
41	Nelson	Schnebley	1375
42	Wozel	Wood	1000
43	Cal Fr Cnrs	Carnahan	23170
44	1st M E Church	Pac Htg	6500
45	Ramsey	Reiff	5500
46	Wood	Stanley	2250
47	Alder	Taylor	2000
48	Davis	Davis	2500
49	Davis	Davis	2300
50	Y M C A	Cummins	1500
51	Same	Christensen	12475
52	Same	Dalziel	2137
53	Same	Tittle	1168
54	Same	Snook	2400
55	Y M C A	Penny	43530
56	Same	Arlett	7587
57	Same	Yager	1742
58	Same	Knowles	6722
59	Same	Petersen	1274
60	Same	Whitford	2475
61	Salinger	City Cornice	600
62	White	Meek	600
63	Haverty	Carroll	400
64	Ray & O'Neil	Walden	500
65	Rudelle	Ehret	500
66	Avila	Avila	500
67	Tele	Tele	600
68	McCarthy	Haly	2950
69	Same	McCarthy	2000
70	Same	Brace	1500
71	Johnson	Same	1274
72	Idora Park	OWen	20000
73	MacGregor	MacGregor	2500
74	Stetson	MacGregor	2500
75	Burlock	Storz	1800
76	Jordan	Jordan	1000
77	Stetson	Harris	1600
78	Farla	Taylor	1200
79	De Maria	Bainard	2000
80	Legris	Legris	2000
81	Same	Same	2000
82	Same	Same	2000
83	Rhoda	Chase	1950
84	Burkes	Burkes	2400
85	Same	Some	750
86	Same	Some	750
87	Badge	Badge	1100
88	Thompson	Owner	1500
89	Griffith	Griffith	2500
90	Snake	Snake	2500
91	Pmt Bldg	Bellefontaine	2200

(708) S KALES 100 E Broadway, Oakland. One-story 5-room dwelling. Owner.....C. B. Colt, 1522 Broadway, Oakland. Architect...Al J. Mazurette, 1522 Broadway, Oakland. Contractor...Roger Colt, 1522 Broadway, Oakland. COST, \$2000

(709) W THIRTY-SEVENTH AVE 120 S E-15th, Oakland. One-story two-room dwelling. Owner.....Milo F. King, 1575 35th Ave., Oakland. Architect...None. Day's work. COST, \$400

(710) NO. 547 POPLAR, Oakland. Alterations. Owner.....Standard Warehouse Co., Premises. Architect...None. Contractor...L. E. Brackett, 480 36th, Oakland. COST, \$400

(711) E CHESTNUT 210 N 26th, Oakland. One-story 4-room dwlg. Owner.....Jas. C. Perkins, 19th and Adeline, Oakland. Architect...None. Contractor...Lydicksen & Fake, 1616 25th Ave., Oakland. COST, \$1400

(712) NO. 2204 VICKSBURG, Oakland. Addition. Owner.....M. W. Nicholson, Premises. Architect...None. Day's work. COST, \$600

(713) N NOBLE 200 E-51st Ave., Oakland. One-story 4-room dwelling. Owner.....A. Schöning, 5740 Noble, Oakland. Architect...None. Day's work. COST, \$1200

(714) NO. 321 E-EIGHTH, Oakland. Fire repairs. Owner.....Pacific Chinese Mission of M. E. Church, 720 Washington, San Francisco. Architect...None. Contractor...F. W. Thaxter, 2820 Kelsey, Oakland. COST, \$1000

(715) NO. 2143 HARRISON BLVD., Oakland. Alterations. Owner.....G. W. Caldwell, Premises. Architect...None. Day's work. COST, \$500

(716) W ADELINE 150 N 32nd, Oakland. One-story 5-room dwelling. Owner.....A. Lind, Oakland. Architect...None. Contractor...Sederborg & Anderson, 1023 Poplar, Oakland. COST, \$1850

(721) S E-FIFTEENTH 115 E Fifth Ave W 30xS 100, Oakland. All work for two-story frame dwelling. Owner.....M. H. Turner, 571 El Dorado Ave., Oakland. Architect...Leo L. Nichols. Contractor...Leo L. Nichols, Room 25 MacDonald Bldg., Okd. Filed Mar. 10, '13. Dated Mar. 7, '13. Frame up\$825 1st coat plaster on interior and exterior\$35 Completed and accepted\$35 Usual 35 days\$15 TOTAL, COST, \$3350

10. Forfeit, none. Plans and specifications filed.

(722) E ADELINE 110 ft. 5 in. N 24th N 78 S 78 W 78 to pt beg., Oakland. All work for three one-story dwlg. Owner.....James and Mary Moyles, 2436 Adeline, Oakland. Architect...None. Contractor...Roy Moore, Hayward. Filed Mar. 10, '13. Dated Mar. 6, '13. Foundation of 1st cottage in\$100 Foundations 2d and 3d cottages\$200 In\$200 Roofs finished\$300 Plastering completed\$20 Usual 35 days\$20 TOTAL COST, \$3060 Bond, limit, forfeit, none. Specifications only filed.

(723) NW BROADWAY AND N 26TH W along 26th 153.63 N 233.20 E 199.31 S 52.13 th 187 to pt beg., Oakland. All work for glazing Class "A" church and parish house. Owner.....First Presbyterian Church of Oakland. Architect...William C. Hays, 68 Post, San Francisco.

Contractor...California Plate & Window Glass Co., 864 Mission, S. F. Filed Mar. 10, '13. Dated Feb. 25, '13. Monthly payments of\$75 Usual 35 days\$25 TOTAL COST, \$1611 Bond, \$805. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, \$5. Plans and specifications, none.

(724) NO. 213 HILLSIDE AVE., Piedmont. All work for alterations and additions to dwelling. Owner.....Geo. W. Banzhaf, 213 Hillside Ave., Piedmont. Architect...C. W. Dickey, Central Bk Bldg., Oakland.

Contractor...A. Peterson, Oakland. Filed Mar. 10, '13. Dated Mar. 6, '13. Completed and accepted\$724 50 Usual 35 days\$41 50 TOTAL COST, \$966 00 Bond, none. Limit, May 1st. Forfeit, none. Plans and specifications filed.

(726) E MILES AVE. 150 N 51st, Oakland. One-story five-room dwlg. Owner.....M. Kroman, 5118 Miles Ave., Oakland. Architect...None. Contractor...A. Roust, 6508 Raymond St., Oakland. COST, \$1800

(727) S E 8TH AND WEBSTER, Oakland. Alterations and additions. Owner.....Kahler & Hansen, Oakland. Architect...Chas. May, 1000 1/2 Bldg., Oakland. Day work. COST, \$710

(728) E DIAMOND, 180 S CLIFTON, Oakland. One-story five-room dwlg. Owner.....L. Grainger, 2760 Broadway, Oakland. Architect...None. Contractor...D. E. Barber, 801 1/2 Oakl. Oakland. COST, \$7500

(729) N 55TH, 1 1/2 E GROVE, Oakland. One-story five-room dwlg. Owner.....H. C. Pfrang, 700 S 8th Ave., Oakland. Architect...None. Day's work. COST, \$4500

(730) S EVANS, 200 E WELLINGTON, Oakland one and one-half story five-room dwelling.

- OWNER.....H. C. Pfriang, 5359 Shafter Ave., Oakland.
Architect.....None.
Day's work.....None.
COST, \$3,000
- (710) N FAIRVIEW, 200 E SHAT-
tuck Ave., Oakland. One and one-
half story five-room dwelling.
Owner.....H. C. Pfriang, 5359 Shafter
Ave., Oakland.
Architect.....None.
Day's work.....None.
COST, \$2,500
- (712) E 38TH AVE., 300 N MERA,
Oakland. One-story five-room dwlg.
Owner.....Alex. C. Wieben, 2010 38th
Architect.....None.
Day's work.....None.
COST, \$2,400
- (713) S PLEASANT, 200 W BOSTON,
Oakland. One-story five-room dwlg.
Owner.....Fred Kaiser, 2950 Palm
Ave., Oakland.
Architect.....None.
Contractor.....Alex. C. Wieben, 2010 38th
Ave., Oakland.
COST, \$2,000
- (714) W 11ST AVE., 70 S E-16TH ST.,
Oakland. One-story five-room dwlg.
Owner.....United Home Builders, 1762
Broadway, Oakland.
Architect.....None.
Day's work.....None.
COST, \$1,500
- (715) W 41ST AVE., 35 S E-16TH ST.,
Oakland. One-story four-room dwlg.
Owner.....United Home Builders, 1762
Broadway, Oakland.
Architect.....None.
Day's work.....None.
COST, \$1,500
- (718) W SOUTH COURT 360 N
Pleasant Valley Ave., Oakland. One-
story 6-room dwelling.
Owner.....Realty Syndicate Co.,
Syndicate Bldg., Oakland.
Architect.....None.
Contractor.....H. S. Pratt, 33 Telegraph
Ave., Oakland.
COST, \$3300
- (719) SW TREMONT AND FAIR-
view, Oakland. One and one-half-
story six-room dwelling.
Owner.....H. Ahnefeld, 3005 King,
Berkeley.
Architect.....None.
Day's work.....None.
COST, \$1850
- (744) N FORTY-SEVENTH 25 E
Market, Oakland. One-story four-
room dwelling.
Owner.....G. Gottelli, 636 47th, Okd.
Architect.....G. Ghessl, 84 Valparaiso,
San Francisco.
Contractor.....C. Fiorini, 335 Union, S. F.
COST, \$1200
- (715) No. 5609 GENOA, Oakland.
Alterations.
Owner.....Wm. Turner, Premises.
Architect.....None.
Contractor.....C. E. Charleston, 5627
Genoa, Oakland.
COST, \$450
- (716) W 105TH AVE 50 S Beggerero,
Oakland. One-story store and two
rooms.
Owner.....G. Alfien, 1869 Powell, S. F.
Architect.....None.
Day's work.....None.
COST, \$1090
- (717) No. 1225 LINDEN, Oakland
Alterations.
- Owner.....Herbert Scholtz, Prem.
Architect.....None.
Contractor.....Moran & Williams.
COST, \$500
- (750) W MAYBELLE 100 N Hopkins,
Oakland. One and one-half-story 6-
room dwelling.
Owner.....J. Bernstein, 4041 Maybelle
Ave., Oakland.
Architect.....None.
Day's work.....None.
COST, \$1800
- (751) E COLBY 200 S 60th, Oakland.
One-story 5-room dwelling.
Owner.....Ed. Larmer, 631 Poirier, Okd.
Architect.....None.
Day's work.....None.
COST, \$2000
- (752) W SANTA RITA AVE 402 N
Harrington, Oakland. One-story 6-
room dwelling.
Owner.....Claude Scheelk, 1715 Tele-
graph Ave., Oakland.
Architect.....None.
Day's work.....None.
COST, \$2500
- (753) W SANTA CLARA AVE 180 S
Crescent, Oakland. Two-story 7-room
dwelling.
Owner.....J. A. Brett, 727 59th, Okd.
Architect.....None.
Day's work.....None.
COST, \$4000
- (754) W JAMES 244 N Clifton, Oak-
land. One-story 5-room dwelling.
Owner.....J. Lehman, 959 Apgar, Okd.
Architect.....None.
Day's work.....None.
COST, \$2350
- (755) NO. 907 BROADWAY, Oakland.
Alterations.
Owner.....Nelson & Peterson, Prem.
Architect.....None.
Contractor.....Schnebly, Hostrawser &
Pedgrift, 1943 Broadway,
Oakland.
COST, \$1376
- (758) E FIFTY-FOURTH AVE 200 N
E-14th, Oakland. One-story 4-room
dwelling.
Owner.....A. B. Cazet, 1441 54th
Ave., Oakland.
Architect.....None.
Contractor.....H. L. Wood, 2300 Seminary
Ave., Oakland.
COST, \$1090
- (760) COR. FIRST AND FILBERT,
Oakland. All work for one-story
concrete, brick and timber warehouse
Owner.....California Fruit Cannery's
Ass'n., Santa Marina Bldg.,
San Francisco.
Architect.....Philip L. Bush, S. F.
Contractor.....Carnahan & Mulford, 45
Kearny, San Francisco.
Filed Mar. 12, '13. Dated Mar. 12, '13.
Concrete foundation walls in.....\$3000.00
Brick work completed.....4000.00
Concrete piers in.....2600.00
Fill completed.....1500.00
Roof, roof boarding, light well
and roofing of same in place 2000.00
Concrete floor laid.....3000.00
Completed and accepted.....1277.50
36 days after.....5792.50
TOTAL COST, \$23,170.00
Bond, \$12,000. Surety, U. S. Fidelity &
Guaranty Co. Limit, 70 days. Forfeit,
\$.25. Plans and specifications filed.
- (761) W WEBSTER 174 N 23rd N 261
W 102 S 269.41 E 169.5, Oakland.
Heating and ventilating system for
steel and brick church.
Owner.....1st M. E. Church of Okd.
- Architect.....Norman F. Marsh, Broad-
way Central Bldg., Los
Angeles.
Contractor.....Pacific Blower & Heating
Co., Monadnock Bldg., S. F.
Filed Mar. 11, '13. Dated Mar. 3, '13.
1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$5300
Bond, \$3250. Surety, Aetna Accident &
Liability Co. Limit, 165 days. Forfeit,
\$.7. Plans and specifications filed.
- (770) NE MESA AND PARK WAY,
Piedmont. Two-story frame house.
Owner.....H. Ramsey, 3 Monte Ave.,
Piedmont.
Architect.....None.
Contractor.....Lester B. Reiff, 1098 Grand
Ave., Piedmont.
COST, \$5500
- (711) W MONTECELLO AVE 450 N
Bellevue Ave., Oakland. One-story 5-
room dwelling.
Owner.....H. L. Wood, 2300 Seminary
Ave., Oakland.
Architect.....None.
Contractor.....T. E. Stanley.
COST, \$2250
- (772) W SIXTY-SECOND AVE 240 S
Fortune Way, Oakland. Two-story
five-room dwelling.
Owner.....A. Alder, 2487 62nd Ave.,
Oakland.
Architect.....None.
Contractor.....Alder & Taylor, 2487 62nd
Ave., Oakland.
COST, \$2000
- (773) W LINWOOD AVE 175 N E-38th,
Oakland. One-story six-room dwlg.
Owner.....Geo. B. Davis, 2043 Rose-
dale Ave., Oakland.
Architect.....None.
Day's work.....None.
COST, \$2800
- (774) W LINWOOD AVE 96 N E-38th,
Oakland. One-story six-room dwlg.
Owner.....Geo. B. Davis, 2043 Rose-
dale Ave., Oakland.
Architect.....None.
Day's work.....None.
COST, \$2800
- (776) NW COR. TWENTY-FIRST AND
Telegraph Ave 100 N along Tele-
graph W 158 ft. and 11 7-16 in. S 100
th along N 21st 160 to beg., Oakland.
Marble and tile work for two-story
brick and steel addition to five-story
building.
Owner.....Y. M. C. A., Premises.
Architect.....W. C. Hays, 68 Post, S. F.
Contractor.....C. L. Cummins, Oakland.
Filed Mar. 13, '13. Dated Mar. 3, '13.
Monthly installments of.....75%
Usual 35 days.....25%
TOTAL COST, \$1500
Bond, \$375. Surety, Southwestern
Surety Ins. Co. Limit, 30 days after
rough carpenter completed. Forfeit,
\$.5. Plans and specifications filed.
- (777) CARPENTRY WORK ON ABOVE
Contractor.....C. Christensen, Oakland.
Filed Mar. 13, '13. Dated Feb. 25, '13.
Payments same as above.....
TOTAL COST, \$12,476
Bond, \$3120. Surety, National Surety
Co. Limit, 35 days after plastering is
dry. Forfeit, \$.5. Plans and specifi-
cations filed.
- (778) HEATING AND VENTILATING
on above.
Contractor.....Robert Dalziel Jr., 218 1st,
San Francisco.

Filed Mar. 13, '13. Dated Feb. 28, '13.
Payments same as above.....
TOTAL COST, \$2137
Bond, \$1070. Surety, U. S. Fidelity &
Guaranty Co. Limit, 30 days after
rough carpentry completed. Forfeit,
\$5. Plans and specifications filed.

(7) ELECTRIC WORK ON ABOVE.
Contractor...H. S. Tittle, 263 10th Ave.,
San Francisco.

Filed Mar. 13, '13. Dated Feb. 28, '13.
Payments same as above.....
TOTAL COST, \$1168
Bond, \$584. Sureties, John G. Sutton
& Edward P. Henzel. Limit, 14 days
after rough carpentry completed. Limit
\$5. Plans and specifications filed.

(8) PLUMBING WORK UNDER
Alternative contract on above.

Contractor...Frederick W. Snook & Co.
596 Clay, San Francisco.

Filed Mar. 13, '13. Dated Feb. 27, '13.
Payments same as above.....
TOTAL COST, \$2490
Bond, \$622.50. Surety, Globe Indemnity
Co. Limit, 45 days after erection of
steel. Forfeit, \$5. Plans and specifications
filed.

(1) LOTS 1 AND 2 Map Resubdivn.
Lots 15 to 27 inclusive Map Crocker
Tract, Piedmont. All work for two-
story and basement frame dwelling.
Owner.....Mountain Development Co.
Architect...Charles Peter Weeks,
Mutual Bank Bldg., S. F.
Contractor...Isaac Penny, Phelan Bldg.,
San Francisco.

Filed Mar. 13, '13. Dated Mar. 11, '13.
Concrete foundations and rein-
forced concrete work completed
and ready for 1st floor joists. \$4000.00
Entire frame up..... 4000.00
Exterior wall boarded, roof on
and chimney built..... 4000.00
Partitions set, plumbing, sheath-
ing, vacuum and electric work
roughed in..... 6000.00
Exterior and interior rough
plastering on..... 3000.00
Plastering completed..... 3000.00
Standing finish on, title set,
plumbing fixtures set and heating
plant in..... 5000.00
Completed and accepted..... 3717.50
Usual 35 days..... 16630.00
TOTAL COST, \$43,630.00
Bond, \$21,825. Surety, U. S. Fidelity &
Guaranty Co. Limit, 156 days. Forfeit,
one. Plans and specifications filed.

(32) NW COR. TWENTY-FIRST AND
Telegraph Ave 100 N along Tele-
graph W 158 ft. and 11 7-16 in. S 100
th along N 21st 160 to beg., Oakland.
Masonry work, scaffolding and fire-
proofing of interior columns with 3
in. of concrete for two-story brick
and steel addition to 5-story building.
Owner.....Young Men's Christian As-
sociation, Premises.
Architect...W. C. Hays, 68 Post, S. F.
Contractor...Arthur Arlett, 461 Market,
San Francisco.

Filed Mar. 13, '13. Dated Mar. 4, '13.
Monthly installments of..... 75%
Usual 35 days..... 25%
TOTAL COST, \$7087
Bond, \$3600. Sureties, E. T. Leiter and
E. B. Woolsey. Limit, 35 days after
steel erected. Forfeit, \$5. Plans and
specifications filed.

(83) ROOFING AND SHEET METAL
work on above.
Contractor...Yager Sheet Metal Co.,
3501 Chestnut, Oakland.

Filed Mar. 13, '13. Dated Feb. 27, '13.
Payments same as above.....
TOTAL COST, \$1742
Bond, \$435.50. Surety, Southwestern
Surety Insurance Co. Limit, 25 days
after roof joists in place. Forfeit, \$5.
Plans and specifications filed.

(784) LATHING AND PLASTERING
on above.

Contractor...A. Knowles, 985 Folsom,
San Francisco.

Filed Mar. 13, '13. Dated Feb. 25, '13.
Payments same as above.....
TOTAL COST, \$6722
Bond, \$3361. Surety, Aetna Accident &
Liability Co. Limit, 40 days after
rough carpentry completed. Forfeit,
\$5. Plans and specifications filed.

(785) PAINTING ON ABOVE.

Contractor...J. C. Petersen, 2352 E-21st,
Oakland.

Filed Mar. 13, '13. Dated Feb. 23, '13.
Payments same as above.....
TOTAL COST, \$1374
Bond, \$345. Surety, Southwestern
Surety Insurance Co. Limit, 15 days
after carpentry completed. Forfeit, \$5.
Plans and specifications filed.

(786) LOTS 6 AND 7 BLK 66 Map
Oak Grove Institute Tract and ad-
jacent property of Peter Sather, Ala-
meda. All work for one-story 7-room
dwelling.

Owner.....Mrs. E. E. Tuckey, S. F.
Architect...None.

Contractor...W. T. Whitford, 437 42nd,
Oakland.

Filed Mar. 13, '13. Dated Mar. 12, '13.
Frame up.....\$618.73
1st coat plaster on..... 618.73
Completed and accepted..... 618.73
Usual 35 days..... 618.73
TOTAL COST, \$2475.00
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

(787) NO. 1123 BROADWAY, Oakland.
Marquee frame.

Owner.....A. M. Salinger, Premises.
Architect...None.

Contractor...City Cornice Works, 3020
Broadway, Oakland.

COST, \$600

(788) NO. 1019 BROADWAY, Oakland.
Alterations.

Owner.....White & Sawyer, Prem.
Architect...None.

Contractor...T. H. Meek Co., 1157 Mis-
sion, San Francisco.

COST, \$600

(789) NO. 2709 ADELIN, Oakland.
Alterations.

Owner.....Mary Haverty, Premises.
Architect...None.

Contractor...J. Carruth, 3417 San Pablo
Ave., Oakland.

COST, \$400

(790) NO. 3645 RHODA AVE., Oak-
land. Addition.

Owner.....Ray & O'Neal, Premises.
Architect...None.

Contractor...Walden & Jackson, 2973
School, Oakland.

COST, \$500

(791) SW SECOND AND CAMELIA,
Oakland. Alterations.

Owner.....A. Rudelle, 1402 2nd, Okd.
Architect...None.

Contractor...A. Ehret, 1014 4th, Okd.
COST, \$500

(792) NO. 2832 FILBERT, Oakland.
Alter and repair.
Owner.....M. Avila, Premises.
Architect...None.
Day's work. COST, \$500

(793) W TWENTY-EIGHTH 150 S E-
9th, Oakland. One-story 4-room dwlg
Owner.....Thos. Tele.
Architect...None.
Day's work. COST, \$600

(794) S LINDA opp Lake Ave., Pied-
mont. One-story residence.
Owner.....Fred W. Butler, Perry Bldg.,
San Francisco.
Architect...Hutchinson Bros., 470 13th
Oakland.
Contractor...Geo. H. S. Haly Co., 201
Union Svgs Bank Bldg.,
Oakland. COST, \$2950

(795) SW FIFTY-EIGHTH & DOVER,
Oakland. One and one-half-story 5-
room dwelling.
Owner.....L. L. McCarthy, 1729
Broadway, Oakland.
Architect...None.
Day's work. COST, \$2000

(796) S FIFTY-EIGHTH 90 W Dover,
Oakland. One and one-half-story 5-
room dwelling.
Owner.....L. L. McCarthy, 1729
Broadway, Oakland.
Architect...None.
Day's work. COST, \$1500

(797) W FORTY-SECOND AVE 640 N
Carrington, Oakland. One and one-
half-story 8-room dwelling.
Owner.....J. C. Bruce and Annie M.
Johnson, 1926 Sutter, S. F.
Architect...None.
Contractor...J. C. Bruce, 2201 43rd Ave.,
Oakland.
COST, \$2400

(798) E SHATTUCK AVE. bet. 56th &
58th., Oakland. Concession (racing
coaster.)
Owner.....Idora Park Co., Premises.
Architect...John J. Miller, Oliver
Bldg., Pittsburg, Pa.
Day's work. COST, \$20,000

(799) E OPAL 480 S 42nd, Oakland.
One-story 5-room dwelling.
Owner.....C. M. MacGregor, 470 13th,
Oakland.
Architect...None.
Day's work. COST, \$2500

(800) SE TWENTY-SECOND AVE &
E-32nd, Oakland. Alter store and
dwelling to flats.
Owner.....J. W. Stetson, 305 Lenox
Ave., Oakland.
Architect...None.
Contractor...C. M. MacGregor, 470 13th,
Oakland. COST, \$2500

(801) NE FOURTEENTH & E-32ND,
Oakland. Two-story 5-room dwelling
and store.
Owner.....Jos. Burlock, E-32nd near
14th Ave., Oakland.
Architect...Robt. Morgener, 1644
Telegraph Ave., Oakland.
Contractor...Emil Storz, 10 Waricu
Ave., San Leandro.
COST, \$1600

(804) NW COR CAMPBELL AND
Eleventh, Oakland. All work ex-
cept painting for alterations and
additions to dwelling.
Owner.....P. A. and M. A. Ilmery,
Oakland.
Architect...None.

(806) Hurlbut & Holland, 541 E-16th, Oakland.
Filed Mar. 14, '13. Dated Feb. —.
Ready for plastering..... 25%
Plastering completed..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%

TOTAL COST, \$1390

Bond, \$635. Surety, Southwestern Surety Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(806) W HADDEN ROAD 75 N Hill-girt Circle, Oakland. One-story office building.
Owner.....Mrs. Jordan, Berkeley.
Architect...Wm. Knowles, Central Bank Bldg., Oakland.
Day's work..... COST, \$1000

(807) W LINCOLN AVE opp. School, Oakland. One-story 4-room dwelling.
Owner.....M. P. Powers.
Architect...None.
Contractor...Harris & Hudson, 1907 E-25th, Oakland.
COST, \$1600

(808) S E-THIRTY-SECOND 320 E-14th Ave., Oakland. One-story 5-room dwelling.
Owner.....Carlos Faria, Premises.
Architect...None.
Contractor...G. Taylor, 473 Oakland Ave., Oakland.
COST, \$1200

(809) S FORTY-NINTH 150 E Lawton Ave., Oakland. One-story 2-room dwelling.
Owner.....P. De Maria, 367 49th, Okd.
Architect...None.
Contractor...D. Rainieri, 872 43rd Ave., Oakland.
COST, \$450

(810) N CLIFTON 40 E James Ave., Oakland. One-story 5-room dwlg.
Owner.....Cyril A. Legris, 491 53th, Oakland.
Architect...None.
Day's work..... COST, \$2000

(811) N CLIFTON 75 E James Ave., Oakland. One-story 5-room dwlg.
Owner.....Cyril A. Legris, 491 53th, Oakland.
Architect...None.
Day's work..... COST, \$2000

(812) NE CLIFTON AND JAMES AVE Oakland. One-story 5-room dwlg.
Owner.....Cyril A. Legris, 491 53th, Oakland.
Architect...None.
Day's work..... COST, \$2000

(813) N HOPKINS 75 E Fruitvale Ave., Oakland. One-story 4-room store building.
Owner.....Albert Rhoda, 2420 Hopkins, Oakland.
Architect...None.
Contractor...A. B. Chase, 5310 Dover.
COST, \$1950

(814) S FIFTY-NINTH 310 W Grove, Oakland. One-story 5-room dwlg.
Owner.....C. E. Burkes, 5117 Genoa, Oakland.
Architect...None.
Day's work..... COST, \$2400

(815) S FIFTY-NINTH 250 W Grove, Oakland. One-story 5-room dwlg.
Owner.....C. E. Burkes, 5117 Genoa, Oakland.

Architect...None.
Day's work..... COST, \$2400

(816) S FIFTY-NINTH 280 W Grove, Oakland. One-story 5-room dwlg.
Owner.....C. E. Burkes, 5117 Genoa, Oakland.

Architect...None.
Day's work..... COST, \$2400

(817) NW GRAND AVE 1275 NE Flora, Oakland. One-story 4-room dwelling.
Owner.....F. A. Dodge, 1727 Grant Ave., Oakland.

Architect...None.
Day's work..... COST, \$1100

(818) E DIVISION 505 N E-38th, Oakland. One-story 6-room dwelling.
Owner.....Mabel L. Hambleton, 585 43rd, Oakland.

Architect...None.
Contractor...Fred Hambleton, 585 43rd, Oakland.
COST, \$2300

(819) S FAIRVIEW WAY 300 E Seminary Ave., Oakland. One and one-half-story 6-room dwelling.
Owner.....C. M. Griffin, 746 5th Ave., Oakland.

Architect...None.
Day's work..... COST, \$1500

(820) E RICHMOND AVE 300 S Moss Ave., Oakland. Two-story 7-room dwelling.
Owner.....E. J. Saake, 24 Napier Ave, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Day's work..... COST, \$3500

(821) LOT 6 BLK 15 Map Havenscourt Oakland. All work for one-story frame dwelling.
Owner.....Piedmont Heights Bldg. Co., Oakland Bank of Svcs. Bldg., Oakland.

Architect...None.
Contractor...A. J. Bellefontaine, Okd.
Filed Mar. 15, '13. Dated Mar. 12, '13.
Frame up..... 1/4
Brown coated..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$2300

Bond, \$1500. Surety, National Surety Co. Limit, 65 days. Forfeit, \$5. Plans and specifications filed.

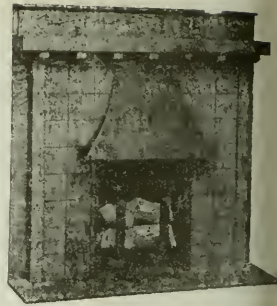
Building Contracts Awarded Berkeley.

716 Lind ..	Cederborg	1850
717 Hinch ..	Hinch	2500
718 Witter Est ..	Parkins	4300
719 Levy ..	Laanmanen	2900
720 Borden ..	Lewis	2625
725 O'Harra ..	Woodburn	3250
737 Hoeger ..	Schnoor	7300
740 Allen ..	Skee	4000
741 Grinley ..	Skee	4000
742 Richardson ..	House	5700
745 Swendermann ..	Owner	560
756 Peake ..	Peake	1500
757 Peake ..	Peake	1500
759 Alameda Bldrs ..	Peake	3000
762 Boynton ..	Nelson	2650
775 Ala Co Bldrs ..	Alley	4500
807 Stand Bldrs ..	Kollmer	2500
803 Brand ..	Montgomery	3450
804 Limery ..	Hurlbut	1390

(717) W KING 70 N Tyler, Berkeley. One-story 5-room dwelling.

Owner.....Jos. T. Hinch, 1542 Broadway, Berkeley.

Architect...None.
Day's work..... COST, \$2500



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager
Mantels, Grates and Tiles. Fire Sets, and
Portable Baskets and Grates. Floor and
Wall Tiling in Original Designs.
1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone Oakland 9622

(718) S DWIGHT WAY 100 E Elworth, Berkeley. Alter two and one-half-story 14-room building into apartments.
Owner.....W. G. Witter Estate, 25 Durant Ave., Berkeley.
Architect...None.
Contractor...Geo. S. Perkins, 22 Channing Way, Berkeley.
COST, \$4000

(719) LOT 47 BLK 6 Berkeley High Berkeley. All work for two-story frame dwelling.
Owner.....David L. Levy, Mills Bldg. San Francisco.
Architect...Olin S. Grove, 2911 Telegraph Ave., Oakland.
Contractor...John Laanmanen, 1032 Canton, Berkeley.
Filed Mar. 10, '13. Dated Mar. 7, '13.
Frame up and rafters on..... 1/4
1st coat interior and exterior plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$2

Bond, \$1450. Surety, Maryland Casual Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(720) N RUSSELL 412 ft. 5 1/2 in. Telegraph Ave E 44 1-3 N 135 54 1-3 S 134 1/2, Berkeley. All work for two-story frame dwelling.

Owner.....Evelyn Kennedy Sears, Boyden, Berkeley.

Architect...None.
Contractor...L. S. Lewis, Berkeley.
Filed Mar. 10, '13. Dated Mar. 5, '13.
Frame up and roof sheathed..... 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$2

Bond, \$1800. Surety, Fidelity & Deposit Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(725) LOT 13 BLK 103 Map Alls Tract, Berkeley. All work for one-story 5-room dwelling.
Owner.....Lee O'Harra and O'Harra, Vallejo, Cal.
Architect...None.
Contractor...Paul E. Woodburn, Keith Ave., Oakland.

led Mar. 10, '13. Dated Mar. 8, '13.
Frame up and ready for plaster, \$800
Plastered and inside finish well
under way 500
Completed 200
Balance at \$15 per month 7% Int.
TOTAL COST, \$2235
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(37) SW ALCATRAZ AND CALIFORNIA, Berkeley. One-story two-room bakery.
Owner.....P. C. Hoeger, Tracy, Cal.
Architect...None.
Contractor...Ang. Schnoor, 1615 Felton,
Berkeley.
COST, \$1800

(40) SE DERBY AND HILLEGASS, Berkeley. Two-story 6-room dwlg.
Owner.....J. A. Allen, 2026 Hillegass,
Berkeley.
Architect...None.
Day's work. COST, \$4000

(41) LOT 8 BLK 17, Northbrae, Berkeley. All work for one-story five-room dwelling.
Owner.....F. P. Grimsley, Oakland.
Architect...None.
Contractor...A. Y. Skee, 1432 Carlton,
Berkeley.
led Mar. 11, '13. Dated Mar. 7, '13.
Frame up and sheeting on roof...\$625
1st coat plaster on..... 625
Completed and accepted..... 625
Usual 35 days..... 625
TOTAL COST, \$2500

Bond, \$1250. Sureties, H. H. Schuessler
and Tom R. Wheldon. Limit, 60 days
on March 10. Forfeit, none. Plans
and specifications filed.

(42) LOTS 7, 8, 9, 10 BLK 16, Daley
Scenic Park, Berkeley. All work for
two-story and basement seven-room
dwelling.
Owner.....Geo. H. Richardson, 1613 La
Loma Ave., Berkeley.
Architect...John Hudson Thomas, 1st
National Bank Bldg., Bkly
Contractor...Jacob House, 1640 Allston
Way, Berkeley.

led Mar. 11, '13. Dated Mar. 10, '13.
Framed 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$5700
Bond, \$2850. Surety, Maryland Casualty
Co. Limit, 120 days. Forfeit, \$5. Plans
and specifications filed.

(49) NO. 921 UNIVERSITY AVE.
(rear), Berkeley. One and one-half-
story 4-room dwelling.
Owner.....John Swendermann, Prem.
Architect...None.
Day's work. COST, \$500

(56) W BAKER 140 S Ward, Ber-
keley. One-story 5-room dwelling.
Owner.....F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
Architect...None.
Day's work. COST, \$1500

(57) W MATHEWS 70 S Ward, Ber-
keley. One-story 5-room dwelling.
Owner.....F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
Architect...None.
Day's work. COST, \$1500

(59) S FOREST AVE 150 W Pied-
mont Ave., Berkeley. One and one-
half-story 6-room dwelling.

Owner.....Alameda County Home
Builders' Ass'n., 1st Nat'l
Bank Bldg., Berkeley.
Architect...None.
Contractor...F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
COST, \$3000

(762) S BUENA VISTA AVE, being in
La Loma Park, Berkeley. Excava-
tion, foundation, concrete columns,
concrete floors and pool.
Owner....Chas. E. Boynton, Bkly.
Architect...Wm. A. Newman, Hewes
Bldg., San Francisco.
Contractor...F. E. Nelson, 3090 King,
Berkeley.

Filed Mar. 12, '13. Dated Feb. 28, '13.
Concrete columns completed....\$1300
Completed and accepted..... 650
Usual 35 days..... 670
TOTAL COST, \$2650
Bond, \$1325. Surety, The Aetna Acci-
dent & Liability Co. Limit, March 28.
Forfeit, \$5. Plans and specifications
filed.

NOTE:—Price of all extra concrete
footings 40 cents per cubic foot.

(775) W WARING 160 S Parker, Ber-
keley. Two-story 8-room dwelling.
Owner.....Alameda County Home
Bldrs., 1st National Bank
Bldg., Berkeley.
Architect...W. H. Ratcliff Jr., 1st Na-
tional Bk. Bldg., Berkeley.
Contractor...J. W. Willey, 1718 Hearst
Ave., Berkeley.
COST, \$4500

(802) W MONTEREY 300 N Hopkins,
Berkeley. Two-story 6-room dwlg.
Owner.....Standard Home Bldrs. &
Realty Co., 1st National
Bank Bldg., S. F.
Architect...None.
Contractor...Jacob Kollmer, 2811 Stuart
Berkeley.
COST, \$3500

(803) E 40 LOT 25 AND W 10 LOT 26
Blk "D" Map James Tract, Berkeley.
All work for two-story 7-room dwlg.
Owner.....Jacob M. and Christiane
Brand, 1976 University
Ave., Berkeley.
Architect...None.
Contractor...W. S. Montgomery, 2321
Ward, Berkeley.

Filed Mar. 14, '13. Dated Mar. 5, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3420
Bond, \$1715. Surety, Massachusetts
Bonding & Insurance Co. Limit, 60
days from March 13. Forfeit, none.
Plans and specifications filed.

Building Contracts Awarded

Alameda.

736 Clark	Clark	4000
743 Saunders	Risley	500
748 Melendes	Borle	1000
763 Randell	Stuart	2500
764 Davis Oil	Owner	500
765 Strang	Strang	2000
766 Grant	Grant	2000
767 Lundholm	Owner	1950
768 Tucker	Mac Rae	400
769 Young	Young	1500
805 Mitchell	Noble	4000

(736) FOURTH AND PACIFIC AVE.,
Alameda. Three-story brick addition
to pottery works.
Owner.....N. Clark & Son, Premises.
Architect...None.
Day's work. COST, \$4000

(713) NO. 1519 WALNUT, Alameda
Repairs.
Owner.....Mrs. Saunders, Premises.
Architect...None.
Contractor...W. S. Risley, 1304 Pearl,
Alameda.
COST, \$500

(748) NO. 2045 LINCOLN AVE, Ala-
ameda. Store and living rooms.
Owner.....Marcos Melendes, Lincoln
Ave. and Chestnut, Ala.
Architect...None.
Contractor...C. A. Borle, 2117 Buena
Vista Ave., Alameda.
COST, \$1600

(763) NO. 1333 PALM, Alameda. One-
story dwelling.
Owner.....J. B. Randell, 1341 Palm,
Alameda.
Architect...None.
Contractor...R. B. Stuart, 2435 McGee
Ave, Berkeley
COST, \$2500

(764) S TUNNEL 600 W Webster,
Alameda. Warehouse.
Owner.....Davis Oil Co., Hull and
Webster, Alameda.
Architect...None.
Day's work. COST, \$500

(765) NO. 1339 BURBANK Alameda.
One-story dwelling.
Owner.....V. N. Strang, 2015 13th Ave
Oakland.
Architect...None.
Day's work. COST, \$2000

(766) NO. 1609 FOURTH, Alameda.
One and one-half-story dwelling.
Owner.....R. M. Grant, 343 Lincoln
Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

(767) NO. 731 TAYLOR AVE., Alameda
One-story dwelling.
Owner.....Jno. M. Lundholm, 1717
Wood, Alameda.
Architect...None.
Day's work. COST, \$1950

(768) NO. 2412 SANTA CLARA AVE.,
Alameda. Alter store.
Owner.....Tucker Investment Co.,
Premises.
Architect...None.
Contractor...C. W. MacRae, 2315 Encl-
inal Ave., Alameda.
COST, \$400

(769) NO. 2422 WEBB AVE., Alameda.
One-story dwelling.
Owner.....Noble & Young, 2416 Webb
Ave., Alameda.
Architect...None.
Day's work. COST, \$1500

(805) NO. 1021 GRAND, Alameda.
One and one-half-story dwelling.
Owner.....W. S. Mitchell, 1131 Bay,
Alameda
Architect...None.
Contractor...Geo. H. Noble, 2416 Webb
Ave., Alameda.
COST, \$4000

NOTICE OF NON-RESPONSIBILITY.

Mar. 10, 1913—ALL LOT 33 BLK 2,
Lot 32 Blk 2, except ptn SW line
parallel to SW hndry line Lot 32
and distant at L 12 1/2 NE there-
from, Map Havenscourt, Oakland,
Havenscourt Co as to improve-
ments on leased property.....

Completion Notices.

Alameda.

Mar. 11, 1913.—LOTS 13 AND 14 BLK 59 Regents Park Tct No. 6, Albany C. H. Miller to whom it may concern.....Feb. 1, 1913
 Mar. 11, 1913—NINETY-FIFTH AVE 250 S E-14th, Okd. Mrs. M. M. Marsh to Joseph S. Mary.....Completed—
 Mar. 12, 1913—LOT 119 BLK "IR" Fruitvale Blvd Tct, Okd. Sally M. Turner to W. H. Judson.....Mar. 4, 1913
 Mar. 12, 1913—W COLBY 50 S 60th S 33 1-3W 100, Okd. James Kelleher to whom it may concern.....Mar. 12, 1913
 Mar. 12, 1913—SW PACIFIC AVE & Willow 74x100, Ala. Mrs. J. N. Beckmann to Conrad Roth.....Feb. 15, 1913
 Mar. 12, 1913—SW SEVENTH AND Henry 50 on 7th x 100 on Henry, Okd. Oakland U P C Hall Ass'n. to N. W. Place.....Mar. 12, 1913
 Mar. 11, 1913—W COLLEGE AVE 312.02 N Forrest Ave, Okd. Wm. H. Slaver to John A. Bischoff.....
 Mar. 11, 1913—PT. INTR. SE TERRACE and SW boundary line Lot 13 BLK "B" NE 41½ SE 55 SW 41¼ NW 55.10 Map No. 1 Highland Terrace, Okd. J. W. Hocken to W. P. Jones and J. M. McGovern.....Mar. 6, 1913
 Mar. 14, 1913—NW DALE PLACE & Minna Ave being Lot 13 Map Allendale Park, Okd. Gertrude Schuyler to whom it may concern.....Mar. 2, 1913
 Mar. 13, 1913—W HAWTHORNE Terrace 249 N Vine 50x—, Bkly. W. S. Perry to Louis Engler.....
 Mar. 13, 1913
 Mar. 14, 1913—NE 27.64 LOT 4 and SW 19.86 Lot 5 BLK "A" map Flint Tract, Okd. Elizabeth G. Rowe to L. A. and L. Gates.....Mar. 1, 1913

LIENS FILED

Alameda.

Mar. 6, 1913—W DEAKIN 250 N Ashby Ave N 50xW 135, Bkly. Anna B. MacDonald (wf Simon O.).....\$4000
 Mar. 6, 1913—E WILLOW 87 S Railroad Ave S 23 E 125 S 45 E 25 N 100 W 35 S 27 W 115, Ala. Anna Vingerhoets.....\$2500
 Mar. 7, 1913—LOTS 80 AND 81 BLK "C" Map Fruitvale Villa Tract, Okd. Anna Miller (widow).....\$3000
 Mar. 8, 1913—NW PIEDMONT AVE 200 NE 41st NE 100 NW 125 SW 100 SE 125, Okd. Hogan Lumber Co. vs Anna A. Miller and C. M. Miller.....\$331.55
 Mar. 10, 1913—N SIXTY-SIXTH 454.40 E St at Rock Ave E 35xN 102, Okd. Meriam Brackett (wf Nelson).....\$2500
 Mar. 11, 1913—E BAY 1009 S San Antonio Ave S 45xE 150, Ala. H. M. Johnson.....\$5000
 Mar. 11, 1913—W PRAY AVE 607.45 N E-14th W 130 from pt beg W 145 N 32 E 145 S 32, Okd. E. K. Wood Lumber Co vs J. L. Nunes and Alex. McDonald.....\$431.38

SAN JOSE AND THE SANTA CLARA VALLEY.

APARTMENT HOUSE—2 story and 100, brick and frame, \$13,000. San Jose Santa Clara Co., Cal. Architect, Charles S. McKenzie, Bank of San Jose Bldg., San Jose. Owner, Julius Wesnitze. The building will be erected at the corner of San Salvador and

First streets, and is to contain stores on the first floor and a number of modern apartments on the second floor. Stores will have patent store fronts and plate glass windows. Interior finish on the upper floor will be of pine throughout. Some structural steel is specified. The exterior of the building will be faced with pressed brick. Plans have been completed and figures are now being taken.

Building Contracts.

SANTA CLARA COUNTY.

SE FIRST AND SAN SALVADORE, San Jose. One-story garage. Owner.....W. J. Boschin, 138 S-1st, San Jose.

Architect.....W. M. Binder, Rea Bldg., San Jose.

Contractor.....R. O. Summers, 17 N-1st, San Jose. COST, \$5253

NO. 187 N-SEVENTEENTH, San Jose. Six-room cottage.

Owner.....M. Fish, 184 N-17th, S. J. Architect.....None.

Contractor.....C. W. Dehagy, Cor. 19th & Julian, San Jose. COST, \$2336

NO. 603 W-WILLIAM, San Jose. Remodel store front.

Owner.....T. K. Priddy, Premises. Architect.....None.

Contractor.....W. S. Gardner, 524 Mart, San Jose. COST, \$400

NO. 558 W-SAN SALVADORE (rear), San Jose. One and one-half-story barn.

Owner.....S. Mamota, Premises. Architect.....None.

Contractor.....Felix Savio, N-River, S. J. COST, \$400

NE SIXTEENTH AND WASHINGTON, San Jose. Six-room cottage.

Owner.....R. E. Carter, Premises. Architect.....None.

Day's work.....COST, \$2000

NO. 194 S-TWENTY-SECOND (rear), San Jose. One-room addition.

Owner.....O. S. Huston, Premises. Architect.....None.

Day's work.....COST, \$400

NO. 1131 MASTIC, San Jose. Three-room cottage.

Owner.....J. Filice, Premises. Architect.....None.

Day's work.....COST, \$500

N SANTA CLARA, bet 32nd and 33rd, San Jose. Three-room cottage.

Owner.....J. W. Narvaez, Premises. Architect.....None.

Day's work.....COST, \$500

N ACACIA, bet Popular Ave and San Pedro, San Jose. Five-room cottage.

Owner.....C. Rasmussen, Premises. Architect.....None.

Day's work.....COST, \$2000

NW FIRST AND SAN SALVADORE, San Jose. Brick work for two-story brick and frame building.

Owner.....Julius Wesnitze, 98 North 14th St., San Jose.

Architect.....Chas. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor.....E. F. Smith, 61 S-11th St., San Jose.

Filed Mar. 4, '13. Dated Mar. 3, '13.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2892
 Bond, \$1446. Surety, Fidelity & Deposit Co. Limit, 40 days (entire contract). Forfeit, none. Plans and specifications filed.

EXCAVATING AND CEMENT FOUNDATION and work on above.

Contractor.....M. E. Kilcourse, Meridian Road, San Jose.

Filed Mar. 4, '13. Dated Mar. —, '13.

Payments same as above.....

TOTAL COST, \$1680
 Bond, \$840. Surety, U. S. Fidelity & Guarantee Co. of Baltimore, Maryland. Limit, 40 days (entire contract). Forfeit, none. Plans and specifications filed.

NOS. 149, 151, 153 SOUTH FIRST, San Jose. All work except plumbing (furnished by owner) for remodeling upper floor into apartments.

Owner.....John Stock, Santa Cruz.

Architect.....Wm. Klinkert, Minnesota and Lupton, San Jose.

Contractor.....P. T. Jorgensen, 517 West San Carlos, San Jose.

Filed Mar. 12, '13. Dated Mar. 10, '13.

1st coat plaster on.....\$975

Wood finish on and doors hung.....975

Completed.....975

Usual 35 days.....975

TOTAL COST, \$3899

Bond, \$1950. Sureties, T. B. Hubbard and Chris Pallesen. Limit, 60 days

Forfeit, none. Plans and specifications filed.

HOMESTEAD ROAD. All work for one and one-half-story frame bldg.

Owner.....W. E. Caldwell, Homestead Road, San Jose.

Architect.....Ye. Plan Shop, Theatre Bldg., San Jose.

Contractor.....F. J. Marquardt, San Jose

Filed Mar. 6, '13. Dated Mar. 16, '13.

Frame up.....\$97

Plastering finished.....97

Building finished.....97

30 days after completion.....97

TOTAL COST, \$391

Bond, none. Limit, 20 working days

Forfeit, none. Plans and specification filed.

COR. MAIN AND FRANKLIN, San Clara. All work for remodeling of bank building.

Owner.....The Santa Clara Valley Bank, Santa Clara, Cal.

Architect.....W. H. Weeks, 705 Charleston Bldg., San Francisco.

Contractor.....Robert Trost, 26th and Howard, San Francisco.

Filed Mar. 13, '13. Dated Mar. 12, '13

75% as work progresses payable

1st of each month.....

Usual 35 days, 25%; the owner reserves the right of 30 day option on setting and furnishing marble and to deduct \$2000 if owner takes contract.....

TOTAL COST, \$27.6

Bond, \$13,849. Surety, Globe Indemnity Co. Limit, 140 days. Forfeit, \$1

Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL—3 story and base, brick and steel, \$20,000. Richmond, Contra Costa Co., Cal. Architect, C. O. Cla

Phelan Bldg., S. F. Owner, Mr. Terrassy. This building will be erected on the corner property adjoining Mr. Terrassy's new theatre building, designed by the same architect. There will be three stories on the first and in the neighborhood of 28 rooms and 6 baths on the upper floors. The exterior will be finished in pine throughout. There will be a steam heating plant of sufficient capacity to supply the theatre. Foundations and plans have been designed to carry a fourth story. All rooms will be supplied with hot and cold running water. The exterior of the building will be finished with pressed brick. Plans are being prepared.

HOTEL—3 story and base, reinforced concrete, \$13,000. Richmond, Contra Costa Co., Cal. Architect, J. B. Chorna, Richmond. Owner, E. B. Anderson. Mr. Anderson owns a valuable piece of property on Richmond avenue near Washington, which is to be improved at once. Plans show an attractive building, with stores on the first floor and a number of large lightest rooms on the upper floors. Patent store fronts will be used. Interior of the second and third floors will be finished in pine. Plans include a hot water supply system. The exterior of the building will be faced with cement plaster. Plans are being prepared and figures will be called for shortly.

Contracts Awarded.

BRIDGE—Concrete. Cost not stated. Santa Rosa, Sonoma Co., Cal. Engineer, C. Sherer, County Surveyor. Santa Rosa. Owners, Sonoma County. Plans for a small concrete bridge over the Santa Rosa-Sebastopol Road have been approved by the Supervisors, and are to be opened on April 10th. Complete information, plans and specifications Surveyor at Santa Rosa.

Building Contracts.

CONTRA COSTA COUNTY.

LOT 35 BLK 18, City of Richmond. All work for one-story frame building. Owner, Joe I. Escala, Richmond. Architect, None.

Contractor, J. A. Fagerstrom, Richmond.

Filed March 7, '13. Dated March 3, '13. Frame erected \$450
1st coat plaster on \$450
Building finished \$450
Usual 35 days. \$450
TOTAL COST, \$1800

Bond, \$1800. Sureties, E. M. Tilden. Limit, on or before May 1. Forfeit, none. Plans and specifications filed.

LOT 26 BLK 61, City of Richmond. All work for two-story frame building. Owner, J. H. Musick and Maude M. Musick, Richmond. Architect, None.

Contractor, J. J. Widmer, Richmond. Filed March 5, '13. Dated Feb. 27, '13. Building enclosed \$600
Building completed \$78
Usual 35 days. \$600
TOTAL COST, \$1378

Bond, \$1000. Sureties, W. H. Johnston and H. P. Davis. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOTS 1 TO 6 BLK "D," Town of Brentwood. All work, including concrete work for two-story and partial basement hotel of wood frame construction.

Owner, Balfour Guthrie Invest Co., 350 California, S. F.
Architect, McDougall Bros., Russ Bldg., San Francisco.

Contractor, Leech & Waters Co., Hearst Bldg., San Francisco.

Filed Mar. 8, '13. Dated Mar. 5, '13.

Foundations in \$1500
1st tier joists are set \$3000
2nd tier joists are set \$4000
3rd tier joists are set \$5000
Rough brick work done \$3000
Exterior plastered \$3500
Entire interior plastered \$2500
Standing finish up \$2750
Entire work completed \$5500
Usual 35 days. \$10250
TOTAL COST, \$41,000

Bond, \$20,500. Surety, New England Casualty Co. Limit, 180 days. Forfeit, \$10. Plans and specifications filed.

LOT 21 BLK 13, City of Richmond. All work for one-story and attic frame residence.

Owner, J. Abraham, Richmond. Architect, J. B. Oghorn, Richmond. Contractor, W. H. Ecker, Richmond.

Filed Mar. 8, '13. Dated Mar. 4, '13.

Rough frame up \$250.00
Rough plumbing and wiring done \$250.00
Building enclosed \$250.00
Plastering completed \$250.00
Building completed \$282.50
Usual 35 days. \$467.50
TOTAL COST, \$1870.00

Bond, \$935. Surety, The Fidelity & Casualty Co. of New York. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

TOWN OF CONCORD. All plastering, concrete and wood work for remodeling building.

Owner, Bank of Concord, Concord. Architect, G. A. Applegarth, Call Bldg., San Francisco.

Contractor, C. A. Haws, 1709 Bancroft way, Berkeley.

Filed Mar. 8, '13. Dated Feb. 18, '13.

TOTAL COST, \$1221

Bond, none. Limit, as rapidly as possible. Forfeit, none. Plans and specifications filed.

CONCRETE AND WOOD WORK FOR vault on above.

Contractor, Herman Safe Co., 170 Folson, San Francisco.

Filed Mar. 8, '13. Dated Feb. 24, '13.

TOTAL COST, \$1200

Bond, none. Limit, April 20, 1913. Forfeit, none. Plans and specifications filed.

Building Contracts.

MARIN COUNTY.

LARKSPUR. All work for two-story frame town hall.

Owner, Town of Larkspur.

Architect, C. O. Clausen, Phelan Bldg., San Francisco.

Contractor, Peterson & Wilson, Post, San Francisco.

Not recorded, Dated Mar. 5, '13.

Progressive payments on 1st and 3d Thursdays of each month of \$750
Usual 35 days. \$250
TOTAL COST, \$875

Bond, \$4500. Surety, Massachusetts Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications, none.

SAN RAFAEL. Alterations and additions to frame residence.

Owner, Flora McDonald Graham, Culloden Park, San Rafael.

Architect, None.

Contractor, S. Saywell.

Filed Feb. 27, '13. Dated Feb. 25, '13.

Frame up \$637.50
Brown coated \$637.50
Finished and accepted \$637.50
Usual 35 days. \$637.50
TOTAL COST, \$2,550.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED AMOUNT

Mar. 12, 1913—LOT 13 BLK 103, City of Richmond. Mrs. John Ivers to Andrew Wicks. Dec. 27, 1912

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED AMOUNT

Mar. 10, 1913—LOT 6 BLK 28, Map of Town of Antioch. Hutchinson Co to G M Williams.

Mar. 10, 1913—LOT 6 BLK 28, Town of Antioch. Hutchinson Co to G M Williams.

Mar. 11, 1913—LOTS 1-12 BLK 93, Town of Antioch. Hutchinson Co to Sarah Jones.

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT

Mar. 10, 1913—LOT 1 BLK 55, City of Richmond. Zeb Knott, \$58; C H Brown, \$275 vs M J Kelly and J W Kelly.

Mar. 7, 1913—LOT 1 BLK 55, City of Richmond. C H Bates vs M J Kelly and J W Kelly. \$25

Mar. 7, 1913—LOT 6 BLK 55, City of Richmond. C W McMasters vs M P Kelly. \$708.25

Release of Liens.

MARIN COUNTY.

RECORDED AMOUNT

Mar. 1, 1913—LOTS 10 AND 12 Map of Inverness, Marin Co. E K Wood Lumber & Mill Co to Almiric Coshend.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—2 story and base, reinforced concrete, \$28,000. Sacramento, Cal. Architects, Sant & Stewart, 241 Kearny St., S. F. Owner, Dr. Paris. This building, which is to be erected at the corner of 13th and N streets, will be the largest apartment house structure in the city. It will be covered in area of 1,000 sq. feet. The plan will be upwards of 100,000 sq. ft. ranging from two to four rooms. The plans embrace a complete plumbing system and a number of modern conveniences and features, including, for each of the apartments, a complete system of plumbing. There will be a steam heat and hot water system, and a vacuum sewerage system. The building will be finished in pine and oak.

All bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with terra cotta. Plans are complete and figures are being taken by the architects.

LIBRARY—1 story and base, brick and concrete. Cost not stated. Ukiah, Mendocino Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, Town of Ukiah. Architect Hatch has just been commissioned to prepare plans for a new library building in Ukiah. The structure will be classic in design and will contain a large public room, rack rooms and office for the librarian. Interior will be finished in pine and hardwood. A central heating system will be installed. The exterior of the building will probably be faced with pressed brick. Plans are now being prepared.

RESIDENCES—Frame construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are about to be started in Stockton: John C. McCarty, Werner Station, 2 story, frame, \$3,800; R. R. Reibenstein, 409 Rose St., 2 story, frame, \$4,000; C. H. Pease, 522 West Park St., 1½ story, frame, \$2,000; and A. L. Miner, 1320 North Hunter, 1 story, frame, \$1,800.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

HIGHWAY WORK—Cost not stated. Stanislaus County, Cal. Engineer, State Highway Engineer, Sacramento. Owners, State of California. Plans are complete and bids are being called for on the construction of approximately 9½ miles of the State Highway in Stanislaus County. Bids will be opened by the State Highway Commission on March 24th. Plans can be secured from the Secretary of the Highway Commission at Sacramento.

RESIDENCE—2 story and base, frame, \$15,000. Fresno. Fresno Co., Cal. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, E. J. Bullard. The dwelling is to be erected in Biola, a new town near Fresno, and will contain fourteen rooms, baths and sleeping porches. Interior will be finished in pine and hardwoods. Hardwood floors will be used in all principal rooms. There will be a central heating system and open fire places. Mantels will be of brick and tile. Tile will be used in the baths and kitchen. Automatic water heater will be installed. The exterior of the dwelling will probably be covered with cement plaster on metal lath. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$10,000. Fresno. Fresno Co., Cal. Architects, A. C. Swartz & Son, Fresno. Owner, P. S. Turnbull. The building will be erected on a corner site and will be arranged for two, three and four room suites with wall beds and baths. Interior will be finished in pine and some hardwood. There will be gas grates. Mantels will be of tile. Tile will also be used in the bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

STORES AND OFFICES—2 story and base, brick. Cost not stated. Fresno. Fresno Co., Cal. Architect, E. J. Farr, Fresno. Owners, H. W. and W. B. Holland. The building will cover an area

of 80x120 feet. The first floor is to be arranged for several stores and the upper floor for modern offices. Interior partitions will be of hollow tile. There will be steam heat. Patent store fronts will be used. The exterior of the building will be faced with pressed brick. Plans are in the hands of the owners who are now taking figures for the work.

STORES AND OFFICES—3 story and base, brick, \$70,000. Fresno. Fresno Co., Cal. Architect, none. Owners, D. Yezdan, Damlir Bros. and Tharpanian Bros., Fresno. The building will be erected at the corner of Kern and J streets and will cover an area of 100x130 feet. Several large stores will occupy the first floor and the upper two stories have been arranged for halls and offices. There will be a central heating system, elevator service and pine trim. The exterior of the building will be faced with pressed brick. Plans will be ready for figures within a day or two. Bids will be taken by the owners.

Contracts Awarded.

BRIDGE—Steel and concrete, \$25,000. La Grange, Stanislaus Co., Cal. Engineer, County Surveyor Annear, Modesto. Owners, Stanislaus County. Contractors, Willison & Foster, Oakland. Contract price, \$24,133. Other bids were submitted as follows: T. K. Beard, \$27,000; M. B. White, Stockton, \$32,500; Ross Construction Co., Sacramento, \$27,336; Midland Bridge Co., Kansas City, Mo., \$30,107; O. A. Wilson, San Francisco, \$29,316, and Chico Construction Co., Chico, \$30,280.

LODGE HALL—3 story and base, brick and steel. Cost not stated. San Luis Obispo, San Luis Obispo Co., Cal. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owners, San Luis Obispo Masonic Hall Association. Contractor, W. J. Smith, San Luis Obispo, general construction; Union Hardware Co., San Luis Obispo, plumbing, and E. M. Payne, San Luis Obispo, heating.

GARAGE—1 story and base, brick, \$8,000. Fresno. Fresno Co., Cal. Architect, none. Owners, Thompson Bros., Fresno. Contractor, E. J. Farr, Fresno. Contract price, \$8,000.

STORES—1 story and base, brick, \$10,000. Fresno. Fresno Co., Cal. Architects, A. C. Swartz & Son, Fresno. Owner, Mr. McLaughlin. Contractor, Dave Cowan, Fresno. Contract price, \$10,000.

DEPARTMENT STORE—3 story and base, brick and steel. Cost not stated. Fresno. Fresno Co., Cal. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owner, E. Gottschalk. Contractor, H. A. Hansen, Fresno. Contract price not stated.

Building Contracts.

FRESNO COUNTY

LOTS 3 AND 4 BLK 15 Blackstone Villa Park, Fresno. All work for dwlg. owner, W. T. Capps, Fresno. Architect, none. Contractor, Richard Hill, Fresno. Filed March 6, '13. Dated March 3, '13. Walls in place \$353 Floors laid and joists up 353 Plastering, plumbing and wiring finished 353 Usual 35 days Balance TOTAL COST, \$1414

Bond, \$1000. Sureties, E. P. Myers and G. Carlson. Limit, April 31. Forfeit, none. Plans and specifications filed.

LOTS 1, 2, 3 BLK 9 Altamont Add'n., Fresno. All work for one-story and basement building.

Owner, D. C. McLaughlin, Fresno. Architect, A. C. Swartz & Son, Fresno. Contractor, J. T. and D. A. Cowan, Fresno.

Filed Mar. 10, '13. Dated Mar. 4, '13. When value of labor and material incorporated in building amounts to \$1620 \$1215 Upon amounting to \$3240 1215 Upon amounting to \$4860 1215 Upon amounting to \$6480 1215 Completion of building 1219.50 Usual 35 days 2026.50 TOTAL COST, \$106.00

Bond, \$4053. Sureties, Wm. Shaw and P. Bielenberg. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

W COR. MARIPOSA AND J STS., Fresno. All work for Class "A" office building.

Owner, Fresno Estate Co., Fresno. Architect, Geo. W. Kelham, Shreve Bldg., San Francisco.

Contractor, Lindgren Co., Monadnock Bldg., San Francisco.

Filed Mar. 10, '13. Dated Feb. 1, '13. As work progresses 85% Usual 35 days Balance

TOTAL COST, \$255,493 Bond, \$125,000 (each bond, 5 bonds, \$25,000). Sureties, Pacific Coast Casualty Co., Equitable Surety Co., Mass. Bonding & Insurance Co., Title Guaranty & Surety Co., Fidelity & Deposit Co. of Maryland. Limit, June 1, 1914. Forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, frame, \$25,000. Los Angeles, Cal. Architects, Architectural Designing Co., Grosso Bldg., L. A. Owner, J. D. Caldwell. The building will contain fifty rooms which are to be arranged in suites of two and three rooms each with connecting bath. Interior will be finished in pine throughout. There will be steam heat and vacuum cleaning system. A hot water plant will also be installed. All suites will be equipped with all beds. Tile will be used in the bath rooms. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will probably be done by Day Labor.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, F. Lane. The building will have a street frontage of 48 feet and a depth of 125 feet. There will be a total of 66 rooms, which are to be arranged in two and three room suites, all of which will be equipped with wall beds and connecting baths. There will be steam heat, elevator service, vacuum cleaning system and a hot water heater. Interior will be finished in pine and hardwood. Tile and cement will be used in the baths. Entrance vestibule will be finished in marble and tile. The exterior of the building will be faced with pressed

gek. Plans are complete and figures are being taken.

BARAGE—2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, Myron Hunt, Bernian Bldg., L. A. Owner, H. E. Huntington. The building will cover an area of 70x209 feet, and will be erected on the grounds of the Huntington Hotel at Oneonta Park. The first floor and part of the second will be used for a storage space for automobiles. The balance of the second floor will be arranged for club rooms, baths and forty living rooms. There will be metal window frames and sash, concrete floors and fireproof construction throughout. Heat will be supplied from the hotel. The exterior of the building will be faced with cement plaster. Plans are being prepared.

CLUB HOUSE—1 story and base, brick, \$75,000. Pasadena, Los Angeles, Cal. Architect, S. B. Marston, Chamber of Commerce Bldg., Pasadena. Owners, Pasadena Athletic Club. Preliminary plans are being prepared for this building, which is to be erected on Colorado street. The interior will be arranged for a large and modern gymnasium, dining rooms, club rooms and 16 sleeping apartments. There will be a large plunge and over 20 baths. Interior will be finished in pine and hardwoods. There will be steam heat and elevator service. The exterior will probably be faced with pressed brick. Plans have not progressed far enough to give further details.

HOSPITAL—1 story and base. Class construction, \$350,000. Los Angeles, Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owners, Methodist Hospital Association. At the last meeting of the association the architect was instructed to proceed with the working drawings. None of the details of the building have been received in this city and other that the fact that the picture will be absolutely fireproof and will contain the most modern equipment, nothing can be printed at this time. It is understood that construction will be of the reinforced concrete type, and that the exterior will be faced with cement plaster. Further information will be printed as the plans progress.

HOTEL—6 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Robert M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. The building is to be erected on 6th street, between Hope and Flower streets, and will have a frontage of 100 feet and a depth of 20 feet. Interior has been arranged for 165 guest rooms, four large stores and the hotel lobby. A large percent of the rooms will have private baths. Interior finish will be of hardwood. There will be steam heat, both freight and passenger elevators, a vacuum heating system and hot water supply. Entrance lobby will be finished in marble and ornamental plaster. A complete steel frame will be used with exterior walls of pressed brick and terra cotta. Bath rooms will have composition floors and tile wainscot. Plans are being prepared.

SCHOOL—1 story and base, brick, \$6,000. Fullerton, Orange Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. The building has been designed in the shape of a letter T and will cover an area of 180x200 feet.

There will be twelve standard sized class rooms, library, principal's office and teachers' rooms. An auditorium with a seating capacity of 800 is also provided. Interior partitions will be of metal lath and plaster. Floors will be of maple with cork linoleum in the corridors. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with cement plaster. Plans are being prepared.

EXPOSITION BUILDING—Frame construction, \$67,000. San Diego, Cal. Architect, Architectural Department, Southern California Panama Exposition Co., San Diego. Owners, Southern California Panama Exposition Co. Contractor, G. A. Simpson Construction Co., American Bldg., San Diego. Contract price, \$67,000.

APARTMENT HOUSE—10 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect's name withheld. Owner, R. H. Arnold, President Alta Planing Mill Co., 830 McGarry St., L. A. The building will be erected at the corner of 9th and Valencia streets and will cover an area of 110x120 feet. Only preliminary sketches have been prepared and details are not available. Sketches show a building arranged for 300 rooms and of fireproof construction. Negotiations for financing the big project are now underway.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Westmoreland, Imperial Co., Cal. Architect, Fielder Slingsluff, Jr., Security Bldg., L. A. Owner, F. D. Turner. The building will contain 40 rooms, which are to be arranged in 16 suites of two and three rooms. All suites will have private baths and wall beds. Interior will be finished in hardwood and pine. There will be steam heat, a vacuum cleaning system and hot water supply plant. Bath rooms will have tile wainscot. An attractive lobby has been designed. The exterior of the building will be faced with cement plaster. Plans are being prepared.

BANK ALTERATIONS—2 story and base, brick. Cost not stated. Dinuba, Tulare Co., Cal. Architect, J. Carl Thayer, Fresno. Owners, Commercial National Bank. The work will include the construction of a new front, complete new interior finish and fixtures, vaults and ornamental bronze work. Interior finish will be of hardwood, tile and marble. Plans are complete and figures are being taken.

CHURCH—1 story and base, frame and brick, \$25,000. Orange, Orange Co., Cal. Architect, Frederick T. Eley, Hervey-Pinley Bldg., Santa Ana. Owners, German Evangelical Lutheran Church. The building will be of frame construction faced with brick veneer and artificial stone trimming. Interior will be arranged for a large main auditorium and Sunday school rooms. Interior finish will be of pine and hardwood. A central heating system will be installed. Plans have just been started.

CHURCH AND SCHOOL—1 and 3 story, brick and steel, \$50,000. Long Beach, Los Angeles Co., Cal. Architects, Frank T. Kelsey and T. Foster Emel, associated, Consolidated Realty Bldg., L. A. Owners, St. Anthony's Roman Catholic Church. The church will be Gothic in style. It will be one story and basement, of brick construction with ruffled brick exterior facing, artificial stone trim, tile roof, steel

roof trusses, art glass windows, concrete foundation and basement, etc. It will cost about \$55,000. The second will be a three-story structure of brick construction and the pastor's residence two stories. It will contain twelve rooms and will be of brick and frame construction. Plans are being prepared.

HOTEL—8 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owners, Blescar Estate. The building will occupy a corner site and is to cover an area of 60x50 feet. There will be stores and a total of 160 guest rooms on the upper floors. Construction will be fireproof throughout. Nearly all of the rooms will have private baths. There will be steam heat, elevator service and a vacuum heating system. Interior will be finished in pine and hardwood. The tile will be used in the baths. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

SCHOOL GROUP—Brick and steel construction, \$600,000. Los Angeles, Cal. Architects, Allison & Allison, Bernian Bldg., L. A. Owners, State of California. Sealed bids will be received by Stat Engineer William F. McClure, Sacramento, Cal., until 12 o'clock, noon, of April 5, 1915, for the erection of the State Normal School buildings to be erected at Vermont and Willowbrook avenues. The plans were officially approved by the Governor, State Engineer and Advisory Board. The buildings planned include the Administration building, 260x292 feet, containing auditorium seating 1620; Library, 136x107 feet, with a reading room to seat 250, and stock room for 50,000 books; Domestic Science, 170x170 feet; Fine Arts, 142x82 feet; Gymnasium, 110x82 feet, with 100 lockers, 34 dressing rooms and showers; needle baths for girls lockers and showers for boys; Training School, 305x175 feet, with gymnasium for boys and girls attached; Kindergarten, 90x57; Cafeteria, 90x82, with dining hall to seat 300; Manual Arts, 226x82 feet. All the buildings will be two stories except the kindergarden, cafeteria and one story. The construction will be of brick walls with fireproof stairways and corridor floors, wood floors in rooms, tapestry brick facing clay tile roofs, maple floors, central steam heating plant with underground distribution fan room in each building, power clocks, vacuum cleaning, intercommunicating telephone system.

STORES AND OFFICES—Class A construction. Cost not stated. Los Angeles, Cal. Architect's name withheld. Owner, William R. Hearst. Mr. Hearst has just purchased twelve lots at the southwest corner of 11th and 14th streets at a cost of over one million dollars. The property covers an area of 222x316 feet. A portion of this holding will be the site of a new Class A building to be used as the Los Angeles Examiner.

OFFICES—8 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan Walls & Morgan, State Bldg., L. A. Owner, L. W. Hillman. The building will be erected on property at the corner of the present L. W. Hillman Building on Spring street. Construction will be

fireproof throughout with hollow tile partitions and floor slabs. Interior finish will be of metal. There will be steam heat and elevator service, a vacuum cleaning system and mail chutes. All window frames and sash will be of metal. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES AND OFFICES—6 story and base, reinforced concrete, \$100,000. Esaulena, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Citizens' Savings Bank. This work is in the nature of an addition to the present one story building, which was designed to carry ten stories. The first floor will be occupied by the bank. Upper floors will contain in the neighborhood of 95 offices. Interior finish will be of pine and hardwood. Floors will be of concrete. There will be steam heat and elevator service. The exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$55,000. Los Angeles, Cal. Architects, C. F. Borton & Co., Hibernian Bldg., L. A. Owner, Julia A. Gove. Contractors, C. F. Borton & Co., Hibernian Bldg., L. A. Contract price, \$55,000.

CHURCH—2 story and base, reinforced concrete, \$52,547. Long Beach, Los Angeles Co., Cal. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owners, First Church of Christ, Scientist. Contractors, Frank Graves & Son, 11 Park Place, Venice. Contract price, \$52,547. Note: This contract does not include the plumbing, heating, electric work, art glass, vacuum cleaning, the floors or elevator.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 2 story and base, reinforced concrete, \$52,547. Architect, Elmer Grey, Wright and Callender Bldg., L. A. Owners, First Church of Christ, Scientist. Contractors, Frank Graves & Son, 11 Park Place, Venice. Contract price, \$52,547. Note: This contract does not include the plumbing, heating, electric work, art glass, vacuum cleaning, the floors or elevator.

HOTEL—2 story and base, brick, \$50,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, A. W. Rhodes. Contractors, Barber-Bradley Construction Co., 1824 East 15th St., L. A., general construction, \$39,200; John Kennell, 351 East 3rd St., L. A., painting, \$1,250; Blumie & Jay Co., 514 East 9th St., L. A., plumbing, \$7,800; Foulkes & Grayford, Security Bldg., L. A., electric work, \$1,200.

MUSEUM—1 story and base, reinforced concrete, \$55,000. Los Angeles, Cal. Architect, H. Hunt & Burns, Laughlin Bldg., L. A. Owners, Southwest Museum. Contractors, J. C. Kubach Co., Pacific Electric Bldg., L. A., general construction, \$50,850; Southern California Electric Co., 625 So. Main St., L. A., electric work, \$1,260; W. D. Newell, 218 West First St., L. A., plumbing. Contract price not stated.

HOTEL—12 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Ye Planny Building Co., L. A. Owner, N. W. Stowell. This work was mentioned here before. At that time it was stated that construction would be of steel and

brick. Mr. Stowell has decided to use reinforced concrete throughout. Plans will be prepared at once and contracts let within three months.

PORTLAND AND OREGON.

HOTEL AND STORES—4 story and base, reinforced concrete, \$80,000. Portland, Ore. Architects, Investors' Building and Trust Co., Yeon Bldg., Portland. Owner, A. C. Pike. The building will cover an area of 100x100 feet. The first floor will be arranged for eight stores besides the hotel lobby, entrance and billiard and pool room. Upper floors will contain 177 guest rooms and a large number of baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior will be finished in pine and hardwoods. Foundations and walls have been designed with sufficient strength to carry several more stories. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

STORES AND OFFICES—3 story and base, brick and steel. Cost not stated. La Grande, Ore. Architects, Whidden & Lewis, Wilcox Bldg., Portland. Owners, N. K. West and C. S. Jacobsen. The building will be erected on one of the principal business corners in La Grande and will cover an area of 60x110 feet. There will be several stores on the first floor and a number of modern offices arranged ensuite on the two upper floors. Plans include steam heat, metal window frames and sash and patent store fronts. Interior finish will be of pine and marble. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$230,000. Portland, Ore. Architects, Johnson & Mayer, Selling Bldg., Portland. Owner, Charles H. Lehman, Yeon Bldg., Portland. This building will occupy a corner site and will cover an area of 125x100 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and roof. Interior partitions will be of tile or metal lath and plaster. Interior will be arranged for 5 apartments of from four to six rooms each. All suites will have private baths and wall beds. Interior will be finished in pine and hardwoods, the bath rooms in tile and composition. Plans provide for steam heat, elevator service, hot water system, vacuum cleaning and dumb waiters. Besides the suites there will be a large lobby, amusement room and social hall. All suites will have outside sleeping porches. The exterior of the building will be faced with cement plaster. Plans are being prepared.

TELEPHONE EXCHANGE AND OFFICES—11 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Architectural Dept., Pacific States Tel. and Tel. Co., New Montgomery St., S. F. Owners, Pacific States Tel. and Tel. Co. This building was originally planned for a 14-story structure, but only the first 11 stories will be erected at this time. A contract for the excavating has been completed and another contract for the steel work has been awarded to Proffers & Deane Co. Plans for the balance of

the contracts are complete and bids will be called for within the next six weeks.

SEATTLE AND WASHINGTON.

CHURCH—1 story and base, brick and stone, \$60,000. Walla Walla, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, First Congregational Church. The building will contain a large auditorium, Sunday school rooms, pastor's study, social rooms and kitchens. Interior will be finished in pine and hardwood. There will be a central heating system. Roof is to be of slate. The exterior of the building will be faced with stone and pressed brick. Plans are being prepared and the work will be done by Day Labor.

COURT HOUSE—2 story and base, brick and stone, \$150,000. Walla Walla, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Walla Walla County. Architects have just been selected to prepare plans for a new county building, which will replace the old and dilapidated structure. No details of the building have been decided upon and the architects are now in Walla Walla making an investigation of the requirements.

STORES AND OFFICES—12 story and base. Class A construction, \$800,000. Seattle, Wash. Architects, Bebb & Mendel, Denny Bldg., Seattle. Owner's name withheld. None of the particulars of this enterprise have been given out and the owner's name and exact location of the structure cannot be learned at this time. Announcement of the complete details of the building will be made early next month.

BRIDGES—8 reinforced concrete and steel, \$2,000,000. Seattle, Wash. Engineer, City Department of Engineering, Seattle. Owners, City of Seattle. The question of providing suitable ways and means for handling traffic in certain sections of the city, and especially in the neighborhood of the Lake Washington Canal has been recently decided by the City Council. Instead of constructing a system of subways, the Council went on record at its last meeting as being in favor of constructing the following bridges: Fremont and Westlake; 15th NW at Ballard; Eastlake and 6th avenue N.; Mountlake avenue and University Grounds; Spokane avenue and East Waterway; Westlake and Stone Way, and 3rd avenue W. at Ross. Plans will be ordered at once.

HOTEL—3 story and base, brick and steel, \$75,000. Seattle, Wash. Architect, A. Wisckersham, 703 22nd Ave., Seattle. Owners, Vesler Estate. The building will cover an area of 96x100 feet, and the nature of the soil on which it is to be erected makes it necessary to carry the building on a pile foundation. Concrete piles will be used. The first floor will be arranged for a number of stores besides the hotel entrance and lobby. Upper floors will contain a total of about 150 rooms. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior will be finished in pine and hardwoods. Bath rooms will have tile floors. The exterior of the building will be faced with pressed brick. Plans will be ready for figures about April 1st.

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Thirteenth Year, No. 12

BUILDING AND INDUSTRIAL NEWS

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New Building For San Jose Labor Unions.
Designed by Architect Chas. S. McKenzie
of San Jose.

New Hospital Buildings To Be Erected
For Saint Joseph's Hospital At Stockton.
Designed by Architect Walter King of
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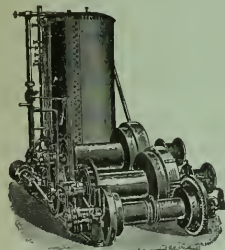
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Editorial Comment.

Reforms like misfortunes never come singly. What with the agitation against the abuses of special privilege and the return of the government to the people which has been the object of progressive citizenship for a number of years there has of late come up a multitude of side issues which have a more or less potent bearing upon the life of the nation. The social evil, the white slave business and the minimum wage for women are now engrossing the attention of a great body of reformers and commanding the attention of the public through the press.

The question of a minimum wage is of vital import. We levy a protective tariff to protect home industries but heretofore we have done nothing to support home citizenship other than to extend charity to those unable to support themselves. In the fierce struggle for existence those poorest equipped by nature or opportunity will be forced to the lowest level in the industrial organization. If that level is below the limit of respectable existence, the chances become less and less that the person so situated will ever be able to rise above it. This fact is borne out by the investigation of the tenement districts and the factory places in every large city. An investigator recently returning from the Panama canal zone reported upon the agricultural possibilities of the place and commented upon the fact that the poor were huddled together in hopeless poverty in the large cities, while the opportunity there presented itself for any man who was capable and willing to work of making a living and eventually acquiring property for his age.

The question that would confront the factory worker in such a case would be the saving of enough money to pay for his passage to Panama, provided he had the ambition to go, if the grinding labor had not deprived him of whatever initiative he ever possessed and left him a veritable "Man with the hoe."

There will always be those who are fitted only for the lowest round on the industrial ladder. But that round should be sufficiently high to allow any one who works to earn a wholesome living and those who are defenseless should be protected against the iron law of competition to such an extent as to insure some happiness and self respect. Insofar as this question of the minimum wage affecting the possibility of right living, the question is one for governmental investigation and control. Every woman should be able to support herself and retain her respectability if she is able to work and is productive in the industrial organi-

zation. The social evil and the scarlet woman we will always have with us if we are to judge the future by the past. Crime and poverty can be lessened just as disease has been by intelligent action in its cure and prevention. The present reforms are along the right line. The thing to guard against is in preventing the pendulum from swinging too far and adopting things that are impracticable and will prove a boomerang to the reformers.

The disclosure of the fact that some of the trusted employees of the banks of San Francisco were short in their accounts, has come as a shock to the community and their employers. Still it is worthy of passing comment that the attitude of these same employers toward the people generally and their use of the people's money is a constant example to the employees to go and do likewise. Graft begets graft and where the standard of morals prevails that anything is fair in finance as in war as long as you don't get caught, the trusted employee is tempted to take a chance in the hope that he will be able to make his pile and get away with it.

The California Development Board has submitted a preliminary report which shows the value of the products of the State for the past year to have been the greatest in the history of the State. Figures from some parts of the State have not yet reached the board, but the total of all products so far reported reach the tremendous figure of \$1,089,044,771.

In recapitulation the statement shows the total valuation of orchard products, including deciduous, citrus and dried fruits, olives, olive oil and nuts, to be \$96,958,090, an increase of \$10,000,000 over the year 1911. The amount of vineyard products for 1912 is placed at \$26,380,100; dairy products, \$19,620,500, and farm products estimated at \$11,398,000. The value of minerals is \$46,425,000, and petroleum \$41,000,000.

One of the last acts of Secretary Meyer before he left the head of the Navy Department was to sign an order which places the Navy Yard at Mare Island in the second class of such establishments. That means that San Francisco or some place that has sufficiently deep water on the bay will get an establishment of the first rank where large battleships can be docked. The opening of the canal will make the establishment of a first class navy yard imperative. The logical place for it is on San Francisco Bay. It is to be hoped that San Francisco will get the station as here is deep water accommodations and the logical place for the docks.

The Physical and Chemical Properties Of Portland Cement.

A paper on "The Physical and Chemical Properties of Portland Cement," by W. C. Reiblin and F. D. Rye, Bureau of Science, Manila, P. I., read at the Eighth International Congress for Applied Chemistry, gives an account of a very extended investigation. The main effort of this work was directed toward a study of those characteristics of Portland cement regarding which there exists the greatest amount of misconception and diversity of opinion, the object being to assist in the universal effort to formulate cement specifications so drawn as to guarantee the manufacture and use of Portland cement of the quality sought for.

A brief summary of all the important conclusions arrived at cannot be made, the interdependent nature of such conclusions preventing a brief statement of fact. However assuming that the quality in Portland cement which we need is constancy in volume and setting properties, and reliability in strength, and that it is of vital importance that this material both hardens rapidly and maintains great strength, we believe that the enforcement of the following recommendations will increase the efficiency of the present standard cement specifications of the American Society for Testing Materials:

"A. Concerning the constancy of volume: (a) We cannot hope to secure the desired efficiency in Portland cement unless the manufacturer is induced to burn his materials so that no seasoning is required to produce a sound cement. Therefore, it is necessary to demand a perfect soundness in conjunction with a high specific gravity, and we recommend: (b) That failure to meet the requirements of the accelerated tests shall (in place of 'need not' as now specified) be sufficient cause for rejection.

"B. Concerning the specific gravity: (a) That the best burning and proper storing produces a product which has a high specific gravity (or low loss by ignition). Therefore, (b) That the specific gravity of the cement as received (i. e., dried but not ignited) shall not be less than 3.10 unless the loss by ignition is less than 2.00 per cent. (c) That the above recommendation provides for the possibility of a well burned cement with a lower specific gravity provided the low gravity is not due to subsequent absorption of volatile constituents; but our experience does not include such a possibility. (d) That the clause 'Should the test of cement as received fall below this requirement a second test may be made upon a sample ignited at a low red heat' be omitted. (e) That the clause 'A low specific gravity in conjunction with a high loss by ignition is positive proof of undesirable burning, adulteration or seasoning' be substituted for the present paragraphs concerning the significance of the specific gravity.

"C. Concerning the fineness: (a) As the specifications now stand, there is little incentive to induce the manufacturer to grind to the degree of pulverization that modern improvements

in grinding machinery has made practicable unless his cement is so poor that extreme fineness is necessary to enable it to pass the requirements for strength and soundness. Therefore, (b) That the cement shall leave a residue of not more than 5.00 per cent by weight on the No. 100, and not more than 20 per cent on the No. 200 sieve.

"D. Concerning the tensile strength: (a) That the average of at least four briquettes representing at least two separate mixtures of the same sample shall be taken for each test, excluding any results which are manifestly faulty.

"E. Concerning retests: (a) Manufacturers should be impressed with the fact that these are minimum requirements; that ample provision has been made in the specifications for lack of uniformity in testing as well as in real quality; and that we demand a quality so superior that, regardless of the variable factors, the ability of the cement to pass all requirements shall be a certainty. Therefore, (b) That the results obtained from the original test shall be considered as final unless it becomes evident that a serious error in sampling or testing has resulted in totally misrepresenting the quality of the cement. In other words, that 'border-line' cements should be avoided as much as possible.

"F. Concerning the practical significance of the above recommendations: (a) Manufacturing conditions are such that we cannot hope to secure Portland cement which contains no free lime. Also, it is realized that the proposed specifications are not perfect. However, we believe that the enforcement of the above recommendations will support and promote the best practice in grinding and burning, and accordingly, secure greater uniformity and efficiency than the present specifications. (b) Without the hearty, honest co-operation of both manufacturer and user little can be accomplished. The degree of fineness and burning are important financial considerations to the manufacturer, and the consumer should buy on a basis of quality. (c) The testing of a great number of commercial Portland cements from many parts of the world has convinced us of the feasibility of these recommendations from both an economic and practical standpoint, and the results obtained have repudiated all claims to the contrary. For instance a certain manufacturer in America stated that owing to a long sea voyage he could not guarantee his cement to pass the 3.10 requirement for specific gravity. Our work showed conclusively that cement stored in good barrels undergoes very little change due to atmospheric influences and many cements imported from Europe and America show consistently a gravity above 3.10 and a low loss by ignition. There are cements, which, as stated in the 'Introduction' of our work, show the most remarkable uniformity in physical properties.

"We desire to emphasize the importance of the calcium hydroxide-phenol microscopic test for free lime,

as in every instance the physical and chemical properties of the different products examined demonstrated the accuracy and usefulness of this test. As stated, we believe that in the hands of an expert it gives more definite and reliable information regarding the constancy of strength and volume than the usual 28-day test or even 3 or 6-month test. However, there is one undesirable feature to this test; namely, that it requires considerable experience and ability correctly to interpret the significance of the phenolate crystals formed on the microscopic slide. Therefore, in order to make this test generally practicable and universally dependable it must be simplified or made quantitative. Certainly, its possibilities and importance warrant much more extended research in this direction than we have had opportunity to accomplish."

AN ARCHITECT'S RESPONSIBILITY.

This very pertinent question suggests itself in connection with the collapse of the Home Theatre in Chicago. The writer after a continuous practice of his profession in Chicago for thirty-five years, during which time he has prepared plans for thirty-seven theatres and opera houses, is brought to a realization of the faulty provision of the law regulating the practice of architecture in this State.

The laws of Illinois are very explicit and exacting; no architect can practice his profession or call himself an architect unless he has first passed an examination before a commission appointed by the Governor as to his ability and experience in the building business. The public, therefore, is assured that any work given to a licensed architect will be carefully carried out. The law, while it holds an architect strictly accountable for the manner in which he conducts his business, is exceedingly lame in that it does not hold him responsible for the safe construction of the building according to his plans and drawings. A case in point is the collapse of the Home Theatre a small insignificant building calling for no extended practical construction experience.

David Saul Klarf, the architect, holds a license granted him after examination under the Illinois law. His experience and ability as an architect can not be questioned. He was employed to prepare the plans of the Home Theatre, having nothing to do with the construction of the building, that matter being taken care of by the owner and his contractor. The plans were complete according to the building ordinances of Chicago, examined by the Commissioner of Buildings and a permit for the construction issued to the owner. At this point the responsibility of the architect ceased. He had no control over the construction of the building after he had delivered the plans to the owner.

The facts in this case are that the owner, to save expense, ignored the

system of construction as called for by the plans and specifications, substituting inferior and lighter material in the roof trusses, hence the accident. An architect under the present law is not liable for the safe construction of a building after the plans are delivered to the owner, the supervision of the work being left to other parties.

The law should be amended so as to provide a penalty for any architect furnishing working plans without including the supervision of the construction. The public would then very soon understand that when an architect is employed he is responsible, not only for the manner in which the plans have been prepared, but for the safe construction of the building according to his plans, drawings and specifications as approved by the Commissioner of Buildings.

GEO. O. GARNSEY, Architect.

—Reprinted from The American Contractor.

WATERPROOF CONCRETE.

Some experiments on impervious concrete were made at Husum, Germany, recently in connection with preparations for the construction of a new lighthouse. Various mixtures of cement and fine dune sand in ratios of 1 up to 1:6 and mixtures of 1:3 with the addition of various waterproofing material, such as soft soap, oil and patented mixtures were prepared and were molded into pot-shaped vessels about 15 inches high and 2½-inch walls. When these pots had set, some of them were filled with water, others (empty) were set into water; and the density of the walls was judged by noting the time required to empty or fill, the water acting under a maximum head of about 10 inches. The experiments showed that a satisfactory degree of imperviousness was not reached, since in every test the vessels filled or emptied within an hour. The relative success of the richer mixtures then induced tests of rich rubbed surfacing. To this end the surfaces were first wet, then thickly coated with cement paste, and with a soft brush the cement paste was then rubbed into the surface of the concrete. Repeating this procedure several times until the pores were closed, a very satisfactory imperviousness was reached, the pressure tests (as above) continued for three days showing no water passing through the walls of the pots. On the basis of these tests it was decided to build the lighthouse sub-structure of 1:3 mixture which surface made impervious by the grout-rubbing process as used in the experiments.

A good deal of criticism seems to have been aroused by Secretary Bryan's St. Patrick's Day speech. Some of the London papers regard it as "a gratuitous and unwarrantable interference in the domestic affairs of the United Kingdom." So far as a layman is able to judge Mr. Bryan said nothing that any lover of self government might be expected to say on any like occasion. It had no reason to bid for votes or seek popular favor in any degree.

The British are certainly self-righteous and touchy. In speaking of interference in the domestic affairs of a nation how about the British attempt to dictate Panama canal regulations?

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$65,000. Architects, O'Brien Bros., Clunie Bldg., S. E. Owner, J. W. O'Brien. The building has been mentioned in these reports before when preliminary drawings were first started. The structure will be erected on Bush street 137½ feet west of Powell, and will be arranged to contain 25 apartments of two rooms each and 10 three room apartments. Plans include steam heat, wall beds, a vacuum cleaning system and elevator service. Private baths will be arranged for all suites. Interior finish will be of pine and hardwood. The exterior of the building will be faced with red pressed brick trimmed with white artificial stone. The building will be 46x136½ feet. Plans are complete and segregated figures are being taken.

SAN FRANCISCO—Apartment houses, 2, 3 story and base, frame, \$11,000 each. Architect, none. Owner, Phillip Yager, 129 Carl St., S. E. These buildings will each have a street frontage of 30 feet and a depth of 90 feet. Interiors will be arranged for two and three room suites with private baths. Interior will be finished in pine throughout. There will be a central heating system and wall beds. The exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

OAKLAND, CAL.—Apartment house additions, 3 story, frame, \$10,000. Architects Mitchell & Hodges, Bankers' Investment Bldg., S. E. Owner, M. Davoust, 768 8th St., Oakland. This work will include new foundations and exterior finish, plumbing, electric work and plastering. Interior finish will be of pine throughout. There will be a central heating system installed. All suites, which have been designed for the two and three room type, will have connecting baths and wall beds. Tile will be used in the bath rooms. The exterior of the building will be covered with shingles and shakes. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, Rae B. Wilson, San Joaquin Bldg., Stockton. Owners, Hawes and Dobson. The building will be arranged for a number of two and three room apartments all of which will have private baths and wall beds. Interior finish will be of pine throughout. There will be steam heat. The exterior of the building will be faced with rustic and shiplap. Plans are being prepared. Bids will be called for within a week or ten days.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and tile. Cost not stated. Architect, Edgar H. Dorn 1811 So. Main St., L. A. Owner, R. H. Raphael. The building will occupy a corner site and will cover an area of 130x130 feet. The interior will be arranged for 52 apartments which will consist of three, four and

five rooms each. There will be private baths and wall beds. Steam heat, elevator service, a vacuum cleaning system and hot water plant will be installed. Interior finish will be of pine and hardwoods. Tile and cement will be used in the bath rooms. Plans are nearly complete and segregated bids will be called for shortly.

EUGENE, ORE.—Apartment house, 3 story and base, brick, \$10,000. Architects, Vincent, Russell & Preusse, Eugene. The building will be arranged for a number of modern two and three room suites, all of which will be equipped with wall beds. There will be private bath rooms, steam heat and a vacuum cleaning system. Baths will be finished in tile and will have cement floors. The interior of the building will be finished in pine with some hardwood floors. Exterior will be faced with pressed brick. Plans are being prepared.

BANKS.

KALAMA, WASH.—Bank, 2 story and base, reinforced concrete, \$25,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owner's name withheld. The building will be devoted to the exclusive use of the bank. Interior finish will be of hardwoods, marble, tile and ornamental plaster. There will be special bank fixtures and both coin and safe deposit vaults. Construction will be fireproof throughout. A central heating system will be installed. Besides the work space and public room there will be a private office for the president and a directors' room. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Bank and offices, 12 story and base. Class A construction, \$860,000. Architects, William Cullett & Son, Phelan Bldg., S. E., and Title Insurance Bldg., L. A. Owners, Merchants Fireproof Building Co. The entire ground and mezzanine stories and basement will be occupied by the Merchants National Bank. There will be about 450 offices in the upper stories. The building will be 120x156 feet and will have a central light court. It will be of steel frame construction. The first two stories will be faced with granite. Terra cotta will be used for facing above the granite on the Spring street and Sixth street elevations and for returns on the alley and north sides. The alley wall and the north wall above the second story will be faced with pressed brick. The central light court will have white enameled brick facing. There will also be terra cotta cornice, composition roofing, hollow tile and reinforced concrete floors, metal studs and metal lath and plaster partitions throughout, suspended ceilings in the first mezzanine and twelfth stories, ornamental staff work, marble lobby and stairs, six elevators, hardwood trim, marble corridors, steel frame and marble stairs, plate glass windows on street fronts, metal frames and sash and wired glass on light courts and exposed glass, lavatory in each office, toilets, plumbing, vacu-

am cleaning, electric wiring and fixtures, steam heating system, mail chutes etc. The steel contract has been let to the Llewellyn Iron Works; granite to the Raymond Stone Co.; and excavating and foundation to Weymouth Crowell. Bids on the general contract will be taken this week.

BRIDGES, DAMS AND HARBOR WORK.

ABERDEEN, WASH.—Bridge, steel and concrete, \$95,000. Engineer, City Engineer. Aberdeen. Owners, City of Aberdeen. Bonds to the amount of \$35,000 have been voted for the construction of a steel bridge over the Washkah River at this point. Plans will be completed as rapidly as possible and bids will be called.

HALL

SAN BERNARDINO, SAN BERNARDINO CO., CAL.—Bridges, reinforced concrete, \$50,000. Engineer, County Engineer. San Bernardino. Owners San Bernardino County. The Board of Supervisors have been notified by the State Highway Commission to proceed with the construction of a number of small bridges in this county. Plans are being prepared by the County Surveyor and plans will be ready for figures within a month.

NEWPORT BEACH, ORANGE CO., CAL.—Jetty work, rock and concrete, \$100,000. Engineer, City Engineer. Newport Beach. Owners, City of Newport Beach. Bonds are to be voted on within the next few weeks for the construction of a jetty at the entrance of Newport Bay. The Board of Trustees have secured preliminary plans and an estimate on the work, and no time will be lost in completing the project. Full particulars will be given in these columns as the work progresses.

CHURCHES.

PORTLAND, ORE.—Chapel addition, 2 story and base, brick and concrete, \$15,000. Architects, Jacobberger & Smith, Board of Trade Bldg., Portland. Owners, Baptist Fathers. The building will be in the nature of an addition to the present chapel, and will be of mill construction with a concrete foundation. Interior finish will be of pine throughout. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

COURT HOUSES.

NEWBERG, ORE.—City Hall, 2 story and base, brick and concrete, \$20,000. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owners, Town of Newberg. Plans have been approved for the construction of a City Hall building covering an area of 80x36 feet. The structure will house the fire and police departments, Mayor, City Clerk, Treasurer and other city officials. A large council room will occupy the greater portion of the second floor. Interior finish will be of pine throughout. There will be steam heat. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

CHINOOK, MONT.—Court House, 2 story and base, reinforced concrete, \$50,000. Architect's name not given.

Owners, Chouteau County. Contractors, Lease & Richards, Harve, Mont. General construction. Contract price, \$13,896.75.

FACTORIES & WAREHOUSES.

SAN FRANCISCO.—Machine shop, 2 story frame. Cost not stated. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owners, Auld and Blackman. The building will be erected at the corner of Bryant and Harriet streets, and will cover a considerable area. No interior finish will be used. A cement floor will be used on the ground floor. Special machinery will be purchased. The exterior of the building will be covered with rustic and galvanized iron. Plans are complete and the work will be done by Day Labor.

PORTLAND, ORE.—Laundry, 2 story and base, brick, \$80,000. Architect, Ellis F. Lawrence, associated with W. J. Holford, Chamber of Commerce Bldg., Portland. Owners, Troy Laundry Co. The building, which is to be erected by the largest laundry company in Portland, will cover a ground area of 110x200 feet. Construction will be of the mill type with brick exterior walls, faced with stock brick. A full basement will be excavated and the power plant will be placed in the basement. Several thousand dollars worth of special laundry machinery will be ordered. There will be metal window sash and frames. Concrete floors will be used. Plans are complete and figures will be called for at once.

Contracts Awarded.

SPRINGFIELD, ORE.—Cold storage plant, 2 story and base, brick and concrete, \$25,000. Architect, none. Owners, Winhardt Ice and Cold Storage Co. Contractor, A. Lombard, Eugene. Contract price, \$25,000.

FLATS.

SAN FRANCISCO.—Flats 3 story and base, frame, 9,000. Architect, none. Owners, McKillop Bros., 340 Cole St., S. F. The building will cover an area of 25x83 feet, and has been designed to contain six apartment flats, each of which will consist of three rooms and bath. Interior finish will be of pine and redwood. There will be a central heating system and gas grates. Tile will be used in the bath rooms and kitchens. Mantels will be of brick. The building will be located on Golden Gate avenue near Divisadero. The exterior will be covered with rustic and shiplap. Plans are complete and in the hands of the owners, who are now purchasing all materials. The work will be done by Day Labor.

SAN FRANCISCO.—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Charles A. Rushton, 711 9th Ave., S. F. The building will have a frontage of 25 feet and a depth of 60 feet. The interior has been arranged for two modern flats of five and six rooms each with bath. All interior finish will be of pine. Some oak floors will be used. Baths will have the wainscot and cement floors. There will be gas grates and the mantels. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Flat alterations, 2 story and base, frame. Cost not stated. Architect, W.

M. B. Thomas, San Joaquin Bldg., Stockton. Owner, F. H. Frederick, 825 East Lindsay St., Stockton. The present building will be raised and altered to contain four flats. Interior finish will be of pine and redwood. Open fire places will be used with tile or brick mantels. Tile will also be used in the bath rooms and kitchens. The work will include new exterior finish, plastering, plumbing, electric work and painting. The exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

GARAGES.

SEATTLE, WASH.—Garage, 3 story and base, reinforced concrete, \$50,000. Engineer, John M. Baird, White Bldg., Seattle. Owner, R. H. Gray. The building will cover an area of 65x120 feet, and has been designed for a commercial garage. Front portion of the first floor will be fitted up for a sales room and offices. Rear of the first floor and the basement will be used for storage purposes. A completely equipped machine shop and repair department will be located on the second and third floors. Concrete floor on the first floor and basement. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base. Class C construction. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, Charles E. Bergin. The building will have a frontage of 50 feet and a depth of 150 feet. A cement floor will be used and metal window frames and sash. Special gasoline storage tanks will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, Arthur L. Acker, 1127 Story Bldg., L. A. Owner, J. W. Fowler. The building will be designed for a commercial garage and is to be 65x100 feet. A cement floor will be used. Special gasoline storage tanks are specified. The interior of the building will be finished in pine. The exterior will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

TAFT, KERN CO., CAL.—Lodge hall, 2 story and base, brick, \$20,000. Architect, J. Saffell, Bakersfield. Owners, Taft Odd Fellows Hall Association. Plans for a building which is to be erected on Center street and containing two stories and a lodge hall banquet room and offices, have been approved by the Building Committee, and bids will be called for at once. Interior finish will be of pine and hardwood. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Bids will be taken by the architect.

GOVERNMENT WORK AND SUPPLIES.

The President has approved the following acts which are of interest to contractors in this locality:

S. 8575—An act to authorize the town of Okanogan, Wash., to construct a bridge across the Okanogan River.

S. 3947.—An act to provide a bridge across the Snake River in Jackson's Hole, Wyo.

Cement.

Under proposals for Portland cement the following awards have been made:

February 25, 1913, contract for 20,000 barrels was awarded the Union Portland Cement Co., of Ogden, Utah, for delivery f. o. b. Devil's Slide, Utah, at 99 cents per barrel for the Truckee-Carson project, Nevada.

March 8, 1913, contract for 30,000 barrels awarded to Standard Portland Cement Corp., San Francisco, Cal., for delivery f. o. b. Napa Junction, Cal., at \$1.40 per barrel for Klamath, Umatilla, and Orland projects, Oregon, and Yakima storage and Okanogan projects, Washington.

Mare Island as a Secondary Navy Yard.

One of the last acts of Mr. Meyer as Secretary of the Navy was to sign an order which places the navy yard at Mare Island, Cal., in the second class of such establishments. The Mare Island yard has practically been a secondary plant for many years, but the departmental order on the subject officially defines its position and relative value as a repair station and dock yard. It will be available for ships drawing 24 feet and less, and no attempt will be made to expend the public funds in improving the channel of approach to the 40-foot depth, which was suggested by the naval general board. The army engineers, in the meantime, will proceed with their work of improving that part of the channel which is of commercial value. There will be required constant dredging in Mare Island waters to an extent, it is estimated, of about \$10,000 a year. This is a maintenance which is inevitable on account of the local conditions. The action of the late Secretary of the Navy would seem to indicate that sooner or later it will be necessary for the Navy Department to urge Congress to provide for a new navy yard, with adequate docking facilities for big ships, at some accessible point on San Francisco Bay. The attempts in that direction have hitherto been quite successfully frustrated by the influence at Vallejo, exerted in the futile plan of bringing Mare Island navy yard into the first class of naval repair establishments.

Reclamation Tunnel.

The Secretary of the Interior has authorized the Reclamation Service to construct tunnel No. 2 on the main supply canal of the Grand Valley Irrigation project, Colorado, by Government forces. The sum of \$142,500 has been allotted for this work. This is a short tunnel and it may be possible that it can be most economically excavated by hand drilling. If on trial the material proves too hard for economical working by hand drills, it will be possible to operate air drills from the present power plant at tunnel No. 1, which is but 7,000 feet distant.

Sewers, Vancouver Barracks.

The bid of S. P. White & Son, Vancouver, Wash., \$1,828.65 in amount, has been accepted for constructing storm sewer at Vancouver Barracks.

Navy Fuel Stations.

The naval authorities are considering the increase in the facilities for the storage of fuel oil, gasoline and coal. It is probable that the existing tanks at the various stations will be enlarged in view of the additional amount of fuel oil which is destined to be used on naval ships. The present plans call for tank capacity of 5,000 tons each at the stations at Bradford, Norfolk, Charleston, Key West, and Pearl Harbor. Contracts will shortly be awarded for the extension of the plant at Guantanamo so that there will be capacity there for 30,000 tons. At each of these stations there will be storage facilities for 90,000 gallons of gasoline. The original intention was to provide for fuel oil capacity to the extent of 2,500 tons at each station, but it has been realized that this must be materially increased, with what final results no one may predict. That is one of the questions which is being considered by the Navy Department. There will probably be special arrangements made for meeting conditions at Pearl Harbor, where there is now under construction a coal plant of 100,000 tons capacity. The design of the plant is such that it may be easily increased to 200,000 tons by increasing the height of the walls. The storage plant is a concrete basin which may be easily filled with water.

Naval Coal Depots.

The clause in the naval appropriation act aiming to prevent the establishment of new coaling stations and depots under the Navy Department will not interfere in any way with the development of existing plants or with the acquisition of facilities for the improvement of those places. The act contains an item amounting to \$62,550 as a contingent fund to meet the cost of repairs and additions to existing depots; in addition to which there is the general appropriation for fuel and transportation to meet any extraordinary demands in the same direction. It will be impossible, however, for the Navy Department to install new depots without express authority of Congress, which has now gone on record in a positive way in favor of further limitation of appropriations for the naval-military establishment. There would be additional restrictions upon the application of service appropriations if it were possible to impose them, and it need surprise no one if efforts to that end were manifest during the sessions of the 63rd Congress. It is in the line of this policy that the naval appropriation act contains some specific items, \$500,000 in the aggregate, for the coaling stations. They are: \$306,350 to continue the coaling plant at Pearl Harbor, \$30,000 for additional fuel oil tanks at the same place, \$57,700 for a fuel oil tank at Boston, the contingent fund of \$62,550 hitherto described, and \$13,500 for heater coils in fuel oil tank. This last mentioned item is the result of a practical test of the system of separating oil from water, which has been conducted at the Melville coaling depot and found to operate with success at least in the case of the smaller tanks. It is a question among some of the experts whether the extension of the system to the larger receptacles will be justified by the increased expense involved.

FORT ROSECRANS, SAN DIEGO CO.,

CAL.—Oil burning system. Cost not stated. Architect, Constructing Q. M. Dept., P. S. A., Fort Rosecrans, Lieut. C. A. Lehr officer in charge. Plans have been completed and bids will be opened on April 7th for a complete oil burning system, including pipe line and oil burners for all buildings at this post. Plans and specifications can be obtained from Lieut. Lehr. The official proposal appears in another column of this issue.

PEARL HARBOR, HAWAII.—Coal towers. Cost not stated. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans and specifications have been completed for the construction of two coal towers for the Naval Station at Pearl Harbor. Bids for this work are now being taken and will be opened on April 19th. Plans and specifications can be secured from either the Commandant of the Navy Yard or from the Bureau of Yards and Docks, Washington, D. C. The official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO.—Hotel, 5 story and base, brick and steel. Cost not stated. Architect, W. H. Weeks, 75 Post St., S. F. Owner, Hiram B. Fisher. This building is to be erected in the north line of Mission street, between 4th and 5th streets. The first floor will be arranged for two modern stores besides the entrance to the hotel. Upper floors will be divided into 72 guest rooms and a number of baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior will be finished in pine. Some tile will be used in the baths. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO.—Hotel, 2 or 7 story and base, reinforced concrete. Cost not stated. Architect, Creighton Withers, California and Powell Sts., S. F. Owner, R. S. Brown. Preliminary sketches have been prepared for both a two and a seven story building which is contemplated for the southwest corner of Geary and Mason streets. The owner is considering leases on both of these structures, and until the height is decided nothing definite will be done with working drawings. Complete particulars will be given in an early issue of the Building and Industrial News.

SAN FRANCISCO.—Hotel, 8 story and base, brick and steel. Cost not stated. Architect, Philip Schwerdt, Phelan Bldg., S. F. Owner, B. Hirsch and B. Heskins. This building will be erected at the northwest corner of Post and Taylor streets. The structure has been designed to contain in the neighborhood of 150 guest rooms, a large percentage of which will have connecting baths. Interior will be finished in pine and hardwoods. There will be steam heat, elevator service and vacuum cleaning system. All rooms will be supplied with hot and cold running water. The exterior of the building will be faced with pressed brick. Plans are complete, bids have been taken and are now under advisement in the offices of the architect.

SAN FRANCISCO.—Hotel, 1 story and base, brick and steel, \$75,000. Architects, Ross & Burgin, 310 California St., S. F. Owners, Hamburger Invest-

ment Co. The building will be erected at the corner of 6th and Clara streets and will cover a large area. The first floor will be arranged for a number of stores besides the hotel lobby and entrance. Upper three floors will be divided into about 200 rooms and a number of baths. There will be steam heat and elevator service. A hot water plant will be installed. Interior finish will be of pine. The bath rooms will be wainscoted with tile and will have cement floors. Exterior of the building will be faced with pressed brick. Stores will have patent fronts and plate glass windows. Plans for the work will be completed at once.

SAN FRANCISCO—Hotel, 3 story and base, brick, \$10,000. Architect, none. Owner, Max Goldberg, 320 Market St., S. F. The building is to be erected on Stockton street north of Washington, and will cover an area of 25x110 feet. There will be a total of about 50 rooms and baths. Interior will be finished in pine throughout. A central heating system will be installed. Hot and cold running water will be supplied to all rooms. The exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 3 story and base, brick, \$20,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, John Gerlack. This building has been mentioned here before when plans were first started. Working drawings are now complete and figures are being taken. The structure will cover an area of 40x90 feet. The first floor will be arranged for a public dining room, office, lobby and bar. Upper floors will contain about 40 rooms and several baths. Interior will be finished in pine. There will be a hot water system. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Hotel, 3 story and base, brick. Cost not stated. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owner, Otto W. Nelson. The building will be 50x95 feet. The first floor will be arranged for stores and the hotel entrance and lobby. Upper floors will contain a total of 90 rooms and a number of baths. There will be steam heat, hot and cold running water in all rooms and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITAL

PEARL HARBOR, HAWAII—Hospital group, 2 story and base, reinforced concrete, \$280,000. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans for a large general hospital which will be erected at the Navy Station at Pearl Harbor are complete and out for figures. Construction will be fire proof throughout. The most modern of all appliances will be installed. Complete information, plans and specifications can be secured from either the Bureau of Yards and Docks in Washington or from the Commandant of the Naval Station at Pearl Harbor. Bids will be opened on May 10th.

VANCOUVER, B. C.—Seamen's Home, 7 story and base, reinforced concrete, \$100,000. Architects, Helyer & Archer, 207 Hastings W. Vancouver. Owner,

Robert F. Scott Memorial Seamen's Home. The building will be erected on a lot 50x85 feet, and will be arranged for a large number of sleeping rooms, baths, large reading and social rooms, office and billiard room. The plans provide for steam heat, elevator service and other modern conveniences. Interior will be finished in pine throughout. Tile will be used in the bath rooms. The exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 3 story and base. Class C construction. Cost not stated. Architect, F. H. Gentry, Pacific Electric Bldg., L. A. Owner, G. Bloom. The building will cover an area of 75x138 feet. The first floor will be arranged for the hotel entrance, lobby and offices and a large store. Plans provide for 90 rooms on the upper floors and a number of baths. Interior finish will be of pine and hardwood. A hot water heater and steam heat will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOSPITALS.

OAKLAND, CAL.—Hospital, 2 story and base, frame. Cost not stated. Architect, John Baur, Clunie Bldg., S. F. Owners, Fabiola Hospital. The addition has been designed for a hydrotherapeutic department and will contain the most modern equipment in this line. Tile will be used extensively in the interior. There will be a central heating plant and elevator service. Interior finish will be of pine. The exterior of the building will be covered with shiplap and rustic. Plans are complete and figures are being taken.

LIBRARIES.

Contracts Awarded.

AUBURN, WASH.—Library, 1 story and base, concrete and brick, \$10,000. Architect, David J. Meyer, Central Bldg., Seattle. Owners, Town of Auburn. Contractor, F. L. Berner, Auburn. Contract price, \$10,000.

PORT TOWNSEND, WASH.—Library, 1 story and base, reinforced concrete, \$10,500. Architect, C. Lewis Wilson & Co., Northern Bank Bldg., Seattle. Owners, Town of Port Townsend. Contractor, A. F. Mowatt & Co., Seattle. Contract price, \$10,630.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SEATTLE TO SUMAS, WASH.—Railroad construction, \$1,000,000. Engineers Engineering Dept. Northern Pacific R. R. Co., St. Paul, Minn. Owners, Northern Pacific R. R. Co. Bids are now being taken for the reconstruction of the company's road from Seattle to to Sumas. Those who will bid are: Grant Smith & Co., Henry Bldg., Seattle; Twoby Bros., Wells Fargo Bldg., Spokane; Porter Bros., Railway Exchange Bldg., Portland; and Sims & Cray of St. Paul. Representatives of the above are registered at the Butler Hotel, Seattle.

SEWERS, STREET WORK AND

LINNTON, ORE.—Water system, \$100,000. Engineer, Lewis Kelsey, Portland. Owners, City of Linnton. Plans are complete and have been approved for the construction of a municipal water system. Bids will be called for early in April. Plans and full particulars can be secured from either the City Clerk or from the Engineer.

Contracts Awarded.

CHARLESTON, WASH.—Sewer construction, \$40,000. Engineer City Engineer, Charleston. Owners, City of Charleston. Contractor, L. L. Lent, Bremerton. Contract price, \$37,201.

RESIDENCES.

SAN FRANCISCO—Residences, 5, 2 story and base, frame, \$2,500 each. Architect, Edward E. Young, 251 Kearny St., S. F. Owners, Howard and Hill, 163 Sutter St., S. F. These houses are to be erected on 25th avenue, in the neighborhood of Irving street. Each will be arranged for six rooms and bath. Interior finish will be of pine and redwood with some oak floors. There will be open fire places and brick and tile mantels in the living rooms. Tile will be used in the baths and kitchens. Exteriors will be covered with brick veneer and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,500. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The dwelling will contain seven rooms and bath. Interior will be finished in pine and hardwoods. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Bungalows, 4 1 story and base, frame, \$1,500 each. Architect, none. Owner, St. George Holden, 2567 Filbert St., S. F. These houses will be arranged to contain five rooms and bath each and are to be erected at the northwest corner of Anderson and Tompkins streets. Interiors will all be finished in pine or redwood. Some hardwood floors will be used. All living rooms will have a large brick fire place and coal grate. Some tile will be used in the bath rooms and kitchens. Exteriors will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$2,500. Architect, none. Owner, Ernest E. Dunn, 2631 Anza street, S. F. The dwelling has been designed for a six room house with bath. Interior finish will be of pine and redwood with hardwood floors in the living and dining rooms. An open fire place with brick mantel will be used in the living room. Bath room will be finished in tile. The exterior of the house will be covered with rustic and shingle. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—School group, 2 and 3 story and base, reinforced concrete, \$650,000. Architect, J. J. Donovan. Security Bank Bldg., Oakland Owners, City of Oakland. Plans for the Manual Training and Commercial High School have been approved by the Board of Education and bids for the construction will be opened on April 21st. The buildings will be the most modern of any commercial and manual training school on the coast. Construction will be practically fireproof throughout. Plans and specifications of the work can be secured from the architect after March 24th. A general contract, including plumbing and electric work will be let. Plans were prepared in three sections. Section A will

be the administration part of the building, and will include a library the principal's suite, an assembly hall with a gallery seating 1,500, teachers' rooms, a kitchen and a band room, with practicing rooms. Section B will include sixteen class rooms, six teachers' rooms and commercial rooms, and in section C will be included the lecture rooms and a girls' gymnasium and shower baths, a housekeeping suite, with kitchen, bedroom living room and bath room, completely furnished and cared for by the girls. Cooking, sewing and other domestic sciences will be taught here. In the basement of the third section will be located the boys' gymnasium.

TACOMA, WASH.—School, 3 story and base, stone and concrete, \$300,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, City of Tacoma. The structure will occupy a whole city block, and has been designed for a manual training and high school. There will be accommodations for 1,500 pupils. Plans include two swimming tanks, a complete gymnasium, domestic science departments and manual training rooms. There will be a central heating system, three boilers and five fans. Metal window frames and sash are specified. The exterior of the building will be faced with stone and pressed brick. Plans are complete and figures are being taken. Bids will be opened on April 15th.

HOQUIAM, WASH.—School, 2 story and base, reinforced concrete, \$90,000. Architects, Stephen & Stephen, New York Bldg., Seattle. Owners, Hoquiam School District. Plans for this building have been completed for some time, but bonds for the construction were not voted until recently. Final plans and specifications have received the approval of the School Board and bids will probably be called for not later than April 1st. The building will contain 14 class rooms, principal's offices, teachers' rooms and a large auditorium. There will be steam heat. The exterior of the building will be faced with cement plaster.

PULLMAN, WASH.—School, 2 story and base, brick, \$35,000. Architect, William Swain, Pullman. Owners, Pullman School District. The Board of School Trustees have just selected the plans prepared by Architect Swain for a two story, eight-room building. Interior finish will be of pine and hardwood with maple floors. A steam heating system will be installed. There will be program clocks and special ventilation. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LA GRANDE, ORE.—School, 2 story and base, brick and concrete, \$25,000. Architect, John L. Slater, La Grande. Owners, La Grande School District. The building will cover an area of 94x63 feet, and will be arranged for eight class rooms. Interior will be finished in pine throughout. Some maple floors will be used. A central heating system, and modern ventilation will be installed. The exterior will be faced with pressed brick. Plans will be completed and bids will be called for by April 1st.

PORTLAND, ORE.—Schools, 2, 2 story and base, reinforced concrete, \$75,000 each. Architect, F. A. Naramore, Supt. of School Properties, Portland. Owners, City of Portland. Plans

for two new buildings are complete and figures are being taken.

The Hoffman school, which will be a two-story, fireproof structure, will be of reinforced concrete construction, with eight class rooms, a boiler and fan room. The site for this building is located at East 59th and Powell Valley Road.

The Kenton school will be located on the corner of Lombard and Findley streets, and will have only six class rooms, an assembly room and boiler room.

Both structures will be of the same type of architecture and Mr. Naramore stated that all the latest and most modern conveniences used in school buildings will be installed in these structures.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and offices, 3 story and base, brick and steel. Cost not stated. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner represented by Kutty Realty Co., First National Bank Bldg., S. F. The building will be erected on property recently purchased on East street, south of Market. The property has a frontage of 80 feet and a depth of 120 feet. The first floor will be arranged for a number of stores and upper floors for modern offices. Interior finish will be of pine throughout. Patent store fronts will be used. There will be a hot water heating system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

OAKLAND, CAL.—Store additions, brick construction, \$10,000. Architect, Charles Mau, Macdonough Bldg., Oakland. Owners, Hansen and Kahler. This work will consist of new interior finish, new store fixtures, plumbing and electric work. The exterior of the building will also be considerably altered. Plans are complete and figures are being taken for the work by the architect.

SAN FRANCISCO—Stores and offices, 25 story and base. Class A construction, \$1,500,000. Architects, Reid Bros. California-Pacific Bldg., S. F. Owner, John D. Spreckels. Following the purchase last week of the southeast corner of Fourth and Market streets, comes one of the most interesting announcements made in local building circles in many months. John D. Spreckels, the new owner, who purchased the property through an eastern Trust Company, has selected Reid Bros. as the architects to prepare plans for the new 25 story skyscraper, which is to become the new home of the Call. The property has a Market street frontage of 100 feet and a frontage on Fourth street of 175 feet. The sale price is quoted at \$1,100,000, which shows a valuation of \$14,000 per front foot for Market street property which is the highest figure ever reached on that street. The main portion of the building will be seven stories in height and will cover the entire lot. A large tower 25 stories will front Market street. Construction plans call for a complete steel frame with reinforced concrete floors and walls. Interior partitions will be of hollow tile and interior trim will be of metal, making the building fireproof throughout. The most modern mechanical equipment will be installed. What material will be used for the facing is still an un-

settled question. Working drawings are now being prepared, and it is hoped that construction will be started within the next four months. Further particulars will be given in these columns shortly.

OAKLAND, CAL.—Stores and offices, 7 story and base. Class B construction, \$200,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owners, Dalziel Estate. This building was mentioned in these columns some months ago when the architects were first commissioned to prepare plans. The structure will be erected on 15th street, between San Pablo and Clay streets, and will be one of the most modern commercial structures of Oakland. A number of stores will occupy the first floor and upper floors will be arranged for offices both en suite and single. Mechanical plans include steam heat, elevator service, vacuum cleaning system and mail chutes. Hardwood and tile will be used for interior finish. Interior partitions will be of metal lath and plaster. Metal window frames and sash are specified. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken. Bids will close on March 29th.

CERES, STANISLAUS CO., CAL.—Stores, 1 story and base, brick, \$10,000. Architect, Ralph P. Morrill, Yosemite Theatre Bldg., Stockton. Owners, Clark and Service. The building will occupy the most important business corner in Ceres and will cover an area of 70x90 feet. Plans provide for five modern stores, which will have plate glass windows and patent store fronts. Interiors will be finished in pine and some hardwood. Floor will be of cement. The exterior of the building will be faced with pressed brick. Considerable marble, tile and structural steel will be used. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and lofts, 3 story and base, brick and steel. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, S. M. Newmark. The building will have a frontage of 50 feet and a depth of 152 feet. The first floor will be arranged for stores and upper floors for light lofts. There will be elevator service and steam heat. Metal window frames and sash will be used. Interior finish will be of pine throughout. Stores will have plate glass windows and patent fronts. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Stores and offices, 2 story and base. Class A construction. Cost not stated. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, F. W. Braun. The building will cover an area of 55x90 feet. The structure has been designed for the use of the United States Custom Appraisers, and will be handsomely finished in hardwood, marble and tile. There will be a central heating system. Exterior will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owner, W. G. Kerckhoff. The building will be erected on property adjoining the present Kerckhoff building, and will cover an area of 112x155

fect. Construction and architecture will be similar to the present building. The new structure will be fireproof throughout. There will be a complete steel frame, exterior walls of brick and terra cotta, metal lath and plaster interior partitions and concrete floors. Plans will include steam heat, elevator service, vacuum cleaning and mail chutes. Plans will be prepared shortly and the work will probably be undertaken this year. Full particulars will be given in these columns later.

Contracts Awarded.

HCQUIAM, WASH.—Stores and offices 2 story and base, reinforced concrete, \$25,000. Architect not stated. Owner, A. S. Hodgdon. Contractor, Edward Hannan, 1928 6th avenue, west, Seattle. Contract price, \$25,000.

SEALED PROPOSALS.

PROPOSALS FOR STEEL TOWERS.

STEEL TOWERS—Sealed proposals indorsed "Proposals for Radio Station" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. April 12, 1913**, and then there publicly opened, for steel towers for high-power radio station to be erected at Calmito, Canal Zone, including radio equipment under the cognizance of the bureau of steam engineering. Plans and specifications may be obtained on application to the bureau of yards and docks. A deposit of \$100 will be required as security for the return of plans and specifications. **H. R. STANFORD**, chief of bureau.

PROPOSALS FOR TRANSFORMERS AND MOTOR.

TRANSFORMERS AND MOTOR—Fort Bayard, N. M.—Sealed proposals for furnishing and delivering here three transformers and one motor will be received until **6 p. m. April 4, 1913**, and then opened. Information furnished on application. Envelopes containing proposals should be indorsed "Proposals for Transformers and a Motor" and addressed to quartermaster.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals indorsed "Proposals for Hospital Buildings" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 10, 1913**, and then there publicly opened, for naval hospital buildings at the naval station, Pearl Harbor, Hawaii. Amount authorized, \$280,000. Plans and specifications may be obtained on application to the bureau or to the commandant of the naval station named upon the deposit of \$25 as security for the return of the plans. **H. R. STANFORD**, chief of bureau.

PROPOSALS FOR STEEL BRIDGE.

STEEL HIGHWAY BRIDGE—Department of the Interior, Office of Indian Affairs, Washington D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Steel Highway Bridge Across the Deschutes River, Warm Springs Reservation, Ore." and addressed to the Commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until **2 o'clock p. m. April 14, 1913**, for furnishing materials and labor for the erection of a steel highway bridge across the Deschutes River, abutting on the Warm Springs Indian

Reservation, Ore., in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo.; the U. S. Indian warehouse at San Francisco, Cal., and at the school. For further information apply to the superintendent of the Warm Springs Indian School, Warm Springs, Ore. **E. H. ABBOTT**, acting commissioner.

PROPOSALS FOR TOWERS.

TOWERS—Sealed proposals, indorsed "Proposals for Coal Towers," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. April 19, 1913**, and then and there publicly opened, for two coal-holding towers for the naval station, Pearl Harbor, Hawaii. Plans and specifications may be obtained on application to the bureau. **H. R. STANFORD**, chief of bureau.

PROPOSALS FOR PIPE LINE.

PIPE LINE AND OIL-BURNING APPARATUS—Office of Quartermaster, Fort Rosecrans, Cal.—Sealed proposals, in triplicate, will be received in this office until **11 a. m. April 7, 1913**, and then opened, for laying pipe line and installing oil-burning apparatus in buildings at this post. Further information may be obtained by applying at this office. **C. A. LOHR**, first lieutenant, coast artillery corps, quartermaster.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 766—Proposals for Reversing Motor Planer Equipments, Motors, Structural Steel, Galvanized Roofing, Steel Pipe, Cast Iron Pipe and Fittings, Babbitt Metal, Sheet Lead, Lead Pipe, Solder, Nails, Nuts, Wrenches, Hack saw Blades, Valves, Cocks, Stable Brooms, Hammer Handles, Candles, Soap and Canvas.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. April 5, 1913**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 766) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. **E. C. BOGGS**, major, corps of engineers, U. S. army, general purchasing officer.

NOTICE INVITING PROPOSALS.

The Board of Education of the City of Oakland, State of California, requests and will receive bids for the furnishing of all the materials, labor and workmanship required in connection with the construction and completion of a two (2) and three (3) story and basement Reinforced Concrete School Building to be known as the Manual Training and Commercial High School, and to be erected on the western side of Broadway between Forty-second (42nd) and Forty-fifth (45th) streets in the City of Oakland, Alameda County, California.

All said materials, labor and workmanship is to consist of that required by and be in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, the Supervising

Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Manual Training and Commercial High School," addressed to the Board of Education, and a posted by the bidder, or his agent, with the Board, while in session, between 4:30 and 5:30 o'clock p. m., Pacific Time, on the 21st day of April, 1913, in the rooms of the Board in the City Hall Annex, No. 1728 Broadway, Oakland, California, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Board.

The contract for the furnishing of all the labor and material entering into the construction and completion of the work, including Plumbing, Heating, Ventilating, Electric Work and other Equipment indicated on the drawings or called for in the specifications, is to be let or awarded as a whole or general contract.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of H. E. Magill, City Clerk, in an amount not less than ten per centum (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of award.

A bound set of the Forms of Proposal, and of the required Affidavits, Agreement, Bonds, Acknowledgements and Specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Building, corner 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after March 24, 1913, within a reasonable time after application, and upon the deposit of Fifty and no 100 Dollars (\$50.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition one complete set of plans and drawings required for the work will be furnished each applicant for the General Contract Work. Additional copies will, however be furnished provided the applicant pays the cost of reproduction, such additional copies to be returned to the Architect together with the first set.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Board in accordance with the provisions of the Charter of the City of Oakland to reject any or all bids submitted.

By order of the Board of Education of the City of Oakland, California.

A. L. HANNAFORD,
Secretary of the Board of Education of the City of Oakland.

PROPOSALS FOR SEWERS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913, for doing the following work, to wit:

The construction of sewers and appurtenances in Ottawa avenue from San Jose avenue to Winnipeg avenue. Progressive payments will be made. The amount of bond for faithful performance has been fixed at \$1,000.00. Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Le Conte School Building, to be situated at the southwesterly corner of Norwich and Alabama streets.

Progressive payments will be made.

Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within three hundred (300) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$12,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The plumbing and gas fitting for the Le Conte School Building.

Progressive payments will be made. The amount of bond for faithful per-

formance of contract has been fixed at \$5,000.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The electrical work for the Le Conte School Building.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$2,000.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR PLASTERING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The plastering of the Le Conte School Building.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$1,000.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR VAPOR HEATING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Said proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 2nd day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a vapor heating system in the Le Conte School Building.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$3,000.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and

all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 1030 A. M. Thursday, April 10, 1913, for the installation of a Conduit System for Exhibit Building Section in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee. WILLIAM H. CROCKER, Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 1030 A. M. Thursday, April 3rd, 1913, for the construction of a Pile Foundation for the Agriculture Building in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$5.00, which

will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKETT,
Chairman.

NOTICE TO TRACK MATERIAL CONTRACTORS.

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, Cal., March 22, 1913.

SEALED proposals or bids will be received at this office at or prior to 11 o'clock A. M. on Thursday, April 3, 1913, for furnishing and delivering P. O. B. Belt Railroad, San Francisco, Cal.

Forty-one (41) frogs built of 65-lb. A. S. C. E. standard tee rail; 18 left hand and 5 right hand split switches, built of 65-lb. A. S. C. E. standard tee rail; 82 guard rails built of 65-lb. A. S. C. E. standard tee rail; 23 switch stands, parallel throw; 5,500 brace tie plates to fit Pennsylvania Steel Co.'s 141-lb. rail, Section No. 263; 16,500 shoulder tie plates punched to fit Pennsylvania Steel Co.'s 141-lb. rail, Section No. 263; 30,000 shoulder tie plates, punched to fit 65-lb. A. S. C. E. standard tee rails; 100 pairs cast steel compromise rail joints to fit 65-lb. A. S. C. E. tee rail and Pennsylvania Steel Co.'s 141-lb rail section No. 263, all in accordance with specifications prepared therefor by the Assistant State Engineer and approved by the Board March 13, 1913, and on file in this office, to which special reference is hereby made.

No bid will be received unless it is made on blank forms furnished from this office.

Each bid shall be accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the order of the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund. The bond to be in such sum as the Board may deem adequate with two or more sureties, to be approved by the Board of State Harbor Commissioners, and to be conditioned for the faithful performance of the contract. Bids will not be considered by this Board unless delivered to the Secretary or to the Assistant Secretary, at the office of the Secretary, at or prior to 11 o'clock A. M. Thursday, April 3, 1913, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Bidders are requested to mark envelope containing bid "Bid for Track Materials."

J. J. DWYER,
THOMAS S. WILLIAMS,
J. H. McALLUM,

Board of State Harbor Commissioners.
JEROME NEWMAN.

Assistant State Engineer.
LEO V. MERLE, JR.,
Secretary.



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Edward R. Bacon is positively not connected with any other firm.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Pile foundation. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for a pile foundation for the transportation Building are complete and now out for figures. Bids will be opened by the Buildings and Grounds Committee in the Exposition Bldg. on March 27th. Plans and specifications can be secured from the Director of Works. The official proposal appears in another column of this issue.

SAN FRANCISCO—Exposition building 2 story, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the Food Products Building, another of the most important of the big exposition buildings, have been completed and are now out for figures. The structure will occupy a conspicuous place on the Harbor View site and will cover an area of 210 feet by 160 feet. Bids will be opened on April 1st. Separate figures are being taken for the general construction and for the plumbing and water piping. The official proposal appears in another column of this issue.

THEATRES.

SAN FRANCISCO Theatre, 1 story and base, \$12,000. Architects C. M. and A. E. Roussau, Monadnock Bldg., S. F. Owners, Mutual Amusement and Investment Co. The building has been

designed for a moving picture show and stores. The site is at the southwest corner of Clay and Fillmore streets and covers an area of 60x119 feet. Interior of the theatre will be finished in pine and ornamental plaster. Considerable tile and glass will be used. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., 20th March, 1913.—SEALED PROPOSALS, in triplicate, for installing electric light system at Fort Mason, Cal., will be received here until 11 A. M., 4th April, 1913, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals to be endorsed, "Proposals for Electric Lighting System, Fort Mason, Cal." and addressed to CAPT. E. S. WILTON, Q. M. C. (9)

NOTICE OF NON-RESPONSIBILITY.

Mar 20, 1913—SE LEWIS & BAKER
E 137-6 S 206-3 W 137-6 N 206-3.
Lewis C. Norstrom as to improvements on leased property.

NOTICE OF NON-RESPONSIBILITY.

Mar. 18, 1913 E HYDE 45-10 S California 22-11X80; No. 1051 Hyde.
Emma Levy as to improvements on leased property.

Mar. 18, 1913—NW FILLMORE AND E 118 N 137-6XW 87-6. Katharine K. Forbes and Peninsula Realty Corporation as to improvements on leased property.

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to locality. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCES—3, 2 story and base, frame, \$2,500 each. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owners, Howard and Hill, 163 Sutter St., S. F. These houses are to be erected on 25th avenue, in the neighborhood of Irving street. Each will be arranged for six rooms and bath. Interior finish will be of pine and redwood with some oak floors. There will be open fire places and brick and tile mantels in the living rooms. Tile will be used in the baths and kitchens. Exteriors will be covered with brick veneer and rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,500. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The dwelling will contain seven rooms and bath. Interior will be finished in pine and hardwoods. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOWS—4, 1 story and base, frame, \$1,500 each. San Francisco. Architect, none. Owner, St. George Holden, 2567 Filbert St., S. F. These houses will be arranged to contain five rooms and bath each, and are to be erected at the northwest corner of Anderson and Tompkins streets. Interiors will all be finished in pine or redwood. Some hardwood floors will be used. All living rooms will have a large brick fire place and coal grate. Some tile will be used in the bath rooms and kitchens. Exteriors will be covered with shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—1½ story and base, frame, \$2,500. San Francisco. Architect, none. Owner, Ernest E. Dunn, 2631 Anza St., S. F. The dwelling has been designed for a six-room house with bath. Interior finish will be of pine and redwood with hardwood floors in the living and dining rooms. An open fire place with brick mantel will be used in the living room. Bath room will be finished in tile. The exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Joseph A. Leonard, Union Bldg., S. F. Owners, Lorian Realty Co. This house will be similar in design to a number of others recently erected by the Lorian Realty Co., and it is to be located at the corner of Head and Holloway avenues. The dwelling will contain seven rooms and bath. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open

fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story, attic and basement, frame, \$10,000. San Francisco. Architect, John Davis Hatch, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling has been designed for an eight-room house with bath, laundry and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used throughout. Plans include a central heating system, open fire places and brick and tile mantels. Bath rooms will have tile wainscoting and composition floors. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

BUNGALOW—1 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, Schroder and Allis, 460 Duboce Ave., S. F. The dwelling will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. There will be an open fire place in the living room with a brick mantel. The bath and kitchen will have some tile wainscoting. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BUNGALOWS—10, 1½ story and base, frame, \$2,000 each. San Francisco. Architect, none. Owner, J. P. Fletcher, 310 Lick Bldg., S. F. These houses will be erected on property in the neighborhood of Santa Vasil avenue and San Jose avenue. Each dwelling will contain five rooms and bath. Interiors will be finished in pine and redwood. Oak floors will be used in the two principal rooms. There will be an open fire place in each living room. Mantels will be of tile or brick. Exteriors of the dwellings will be covered with rustic and shingles. Plans are in the hands of the owner who is now purchasing all materials and who will do the work by Day Labor.

HOTEL—5 story and base, brick and steel. Cost not stated. San Francisco. Architect, W. H. Weeks, 75 Post St., S. F. Owner, Hiram B. Fisher. This building is to be erected in the north line of Mission street between 14th and 5th streets. The first floor will be arranged for two modern stores besides the entrance to the hotel. Upper floors will be divided into 72 guest rooms and a number of baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior will be finished in pine. Some tile will be used in the baths. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—2 or 3 stories and base, reinforced concrete. Cost not stated. San Francisco. Architect, Creighton Withers, California and Powell Sts., S.

F. Owner, R. S. Brown. Preliminary sketches have been prepared for both a two story and a seven story building which is contemplated for the southwest corner of Geary and Mason streets. The owner is considering leases on both of these structures, and until the height is decided nothing definite will be done with the working drawings. Complete particulars will be given in an early issue of the Building and Industrial News.

HOTEL—3 story and base, brick and steel. Cost not stated. San Francisco. Architect, Philip Schwerdt, Phelan Bldg., S. F. Owners, B. Hirsch and B. Heskins. This building will be erected on the property at the northwest corner of Post and Taylor streets. The structure has been designed to contain in the neighborhood of 150 rooms, a large percentage of which will have connecting baths. Interior will be finished in pine and hardwoods. There will be steam heat, elevator service and a vacuum cleaning system. All rooms will be supplied with hot and cold running water. The exterior of the building will be faced with pressed brick. Plans are complete, bids have been taken and are now under advisement in the offices of the architect.

HOTEL—1 story and base, brick and steel, \$75,000. San Francisco. Architects, Ross & Burgren, 310 California St., S. F. Owner, Hamburger Investment Co. The building will be erected at the corner of 6th and Clara streets and will cover a large area. The first floor will be arranged for a number of stores besides the hotel lobby and entrance. Upper three floors will be divided into about 200 guest rooms and a number of baths. There will be steam heat and elevator service. A hot water plant will be installed. Interior finish will be of pine. The bath rooms will be wainscoted with tile and will have cement floors. The exterior of the building will be faced with pressed brick. Stores will have patent fronts and plate glass windows. Plans for the work will be completed at once.

HOTEL—3 story and base, brick, \$10,000. San Francisco. Owner, Max Goldberg, 320 Market St., S. F. The building is to be erected on Stockton street, north of Washington, and will cover an area of 25x110 feet. There will be a total of about 50 rooms and baths. Interior will be finished in pine throughout. A central system of heating will be installed. Hot and cold running water will be supplied to all rooms. The exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOSPITAL GROUP—2 story and base, reinforced concrete, \$280,000. Pearl Harbor, Hawaii. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Plans for a large general hospital, which will be erected at the Navy Station at Pearl Harbor, are complete and out for figures. Construction will be fireproof throughout. The most modern of all appliances will be installed. Complete information, plans and specifications can be secured from either the Bureau of Yards and Docks in Washington or from the Commandant of the Navy Station at Pearl Harbor. Bids will be opened in May 1916.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$65,000. San

Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, J. W. O'Brien. The building has been mentioned in these reports before when preliminary drawings were first started. The structure will be erected on Rush street, 137½ feet west of Powell, and will be arranged to contain 25 apartments of two rooms each and 10 three room apartments. Plans include steam heat, wall beds, a vacuum cleaning system and elevator service. Private baths will be arranged for all suites. Interior finish will be of pine and hardwood. The exterior of the building will be faced with red pressed brick trimmed with white artificial stone. The building will be 46x136½ feet. Plans are complete and segregated figures are being taken.

APARTMENT HOUSES, 2, 3 story and base, frame, \$11,000 each. San Francisco. Architect, none. Owner, Phillip Yager, 129 Carl St., S. F. These buildings will each have a street frontage of 30 feet and a depth of 90 feet. Interiors will be arranged for two and three room suites with private baths. Interior will be finished in pine throughout. There will be a central heating system and wall beds. The exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

MACHINE SHOP—2 story frame. Cost not stated. San Francisco. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owners, Auld and Blackman. The building will be erected at the corner of Bryant and Harriet streets and will cover a considerable area. No interior finish will be used, on the ground floor. Special machinery will be purchased. The exterior of the building will be covered with rustic and galvanized iron. Plans are complete and the work will be done by Day Labor.

FLAT—3 story and base, frame, \$9,000. San Francisco. Architect, none. Owners, McKillip Bros., 540 Cole St., S. F. The building will cover an area of 25x83 feet, and has been designed to contain six apartment flats, each of which will consist of three rooms and bath. Interior finish will be of pine and redwood. There will be a central heating system and gas grates. Tile will be used in the bath rooms and kitchens. Mantels will be of brick. The building will be located on Golden Gate avenue near Devisadero. The exterior will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who are now purchasing all materials. The work will be done by Day Labor.

FLAT—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Charles A. Rushton, 714 9th Ave., S. F. The building will have a frontage of 25 feet and a depth of 60 feet. The interior has been arranged for two modern flats of five and six rooms each with bath. All interior finish will be of pine. Some oak floors will be used. Baths will have tile wainscot and cement floors. There will be gas grates and tile mantels. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

COAL TOWERS—Cost not stated. Pearl Harbor, Hawaii. Architects, Bureau of yards and docks, Washington, D. C. Owners, United States Govern-

ment. Plans and specifications have been completed for the construction of two coal towers for the Naval Station at Pearl Harbor. Bids for this work are now being taken and will be opened on April 19th. Plans and specifications can be secured from either the Commandant of the Navy Yard or from the Bureau of Yards and Docks, Washington, D. C. The official proposal appears in another column of this issue.

SCHOOL—2 story and base, frame, \$52,000. San Francisco. Architect, Architectural Dept. City of San Francisco, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. The building will be known as the Le Conte School, and is to be located at the corner of Norwich and Alabama streets. There will be 12 class rooms, principal's office and teachers' rooms. Interior finish will be of pine and hardwood. Composition blackboards will be used. A vapor system of heating is specified. The exterior of the building will be covered with shakes. Separate bids are wanted for the general construction, plumbing, heating, plastering, and electric work.

Bids will be opened by the Board of Public Works on April 2nd. Plans can be secured from the Dept. of Architecture. The official proposal appears in another column of this issue.

THEATRE—1 story and base, \$12,000. San Francisco. Architects, C. M. and A. F. Rounsau, Monadnock Bldg., S. F. Owners, Mutual Amusement and Investment Co. The building has been designed for a moving picture show and stores. The site is at the southwest corner of Clay and Fillmore streets and covers an area of 60x118 feet. Interior of the theatre will be finished in pine and ornamental plaster. Considerable tile and glass will be used. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STORES AND OFFICES—3 story and base, brick and steel. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, represented by Kuty Realty Co., First National Bank Bldg., S. F. The building will be erected on property recently purchased on East street, south of Market. The property has a frontage of 30 feet and a depth of 120 feet. The first floor will be arranged for a number of stores and upper floors for modern offices. Interior finish will be of pine throughout. Patent store fronts will be used. There will be a hot water heating system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND OFFICES—25 story and base. Class A construction, \$1,500,000. San Francisco. Architects, Reid Bros., California-Pacific Bldg., S. F. Owner, John D. Spreckels. Following the purchase last week of the southeast corner of Fourth and Market streets comes one of the most interesting announcements made in local building circles in many months. John D. Spreckels, the new owner, who purchased the property through and Eastern Trust Company, has selected Reid Bros. as the architects to prepare plans for the new 25 story skyscraper which is to be come the new home of the Call. The property has a Market street frontage of 100 feet and a frontage on Fourth street of 175 feet. The sale price is quoted at \$1,100,000, which

shows a valuation of \$11,000 per front foot for Market street property which is the highest figure ever reached on that street. The main portion of the building will be seven stories in height and will cover the entire lot. A large tower 25 stories will front Market street. Construction plans call for a complete steel frame with reinforced concrete floors and walls. Interior partitions will be of hollow tile and interior trim will be of metal, making the building fireproof throughout. The most modern mechanical equipment will be installed. What material will be used for the facing is still an unsettled question. Working drawings are now being prepared, and it is hoped that construction will be started within the next four months. Fuller particulars will be given in these columns shortly.

PILE FOUNDATION—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for a pile foundation for the Transportation Building are complete and now out for figures. Bids will be opened by the Buildings and Grounds Committee in the Exposition Bldg. on March 27th. Plans and specifications can be secured from the Director of Works. The official proposal appears in another column of this issue.

EXPOSITION BUILDING—2 story, frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the Food Products Building, another of the most important of the big exposition buildings have been completed and are now out for figures. The structure will occupy a conspicuous place on the Harbor View site, and will cover an area of 210 feet by 160 feet. Bids will be opened on April 1st. Separate figures are being taken for the general construction and for the plumbing and water piping. Plans and specifications can be secured from the Director of Works. The official proposal appears in another column of this issue.

BUILDING SUPERINTENDENT.

Glacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 363 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded

San Francisco.

981	Schroder	Albis	2000
982	Allscheid	Stand Wölkig	400
983	Voight	Voight	1750
984	Gillson	Gillson	6500
985	Urban	Reilly	3000
986	Hermann	Hermann	850
987	Olympia	Salt Water	Owner
988	Gellini	Torella	1000
989	Harris	Harris	400
990	Woolfrey	Woolfrey	1200
991	Same	Same	1200
992	Dunn	Dunn	2500
993	Schepp	Schepp	475
994	Same	Same	4998
995	Same	Koen	1437
996	Mostabineh	McCauley	2500
997	Margel	Margel	2000
998	Brownlee	Brownlee	20000
999	Zwizigg	Mager	11500
1000	Sommer	McLellan	7900
1001	Deaouli	Devenenzani	8000
1002	Cersghino	Hill	2500
1003	Havard	Hill	2500
1004	Havard	Hill	2500
1005	Havard	Hill	2500

1006	Harvard	Hill	2000
1007	Harvard	Hill	2000
1009	Rulfs	Rulfs	12000
1009	Thomas	Thomas	3000
1010	Kleba	Kleba	3000
1011	Scull	Scull	2000
1012	Johnson	Johnson	2500
1013	McKillop	McKillop	9000
1014	Johnston	Arnold	1000
1015	Heyman	Heyman	1200
1016	Macaulay	Novelly	500
1017	Del Monte	Moise	900
1018	Klimm	Anderson	29962
1019	Same	O'Kane	3900
1020	Richard	Van Sant	9650
1021	Voorman	Marble	2075
1022	Meyer	Anderson	2980
1023	Vannelli	Francesconi	1750
1024	Hersch	Brode	8250
1025	Peat	Hippely	1550
1026	Kelly	Olsen	2450
1027	Behrens	Reich	3200
1028	Woodward	Fraser	2324
1029	Same	McWhirter	3000
1030	Schmitt	Schmitt	1000
1031	Wickenrofer	Cannon	1000
1032	Enapp	Lorenzen	500
1033	Opitz	Allingson	400
1034	Jackson	Novelly	500
1035	Guglielmo	Owner	600
1036	Morabito	Draxa	2500
1037	Lerge	Sandberg	500
1038	Auld	Blackman	2500
1039	Pope	McLain	3500
1040	Goldberg	Goldberg	8000
1041	Perkins	Petersen	5700
1042	Bacigalupi	Curran	1200
1043	Same	Caranza	4225
1044	Same	Tosy	4620
1045	Wymire	Nilsen	2925
1046	Duffy	Sampson	2250
1047	Mensor	Hill	1475
1048	Same	Chalmers	800
1049	Mensor	Chalmers	3750
1050	Same	Guilfoyle	500
1051	Same	Vitt	1150
1052	Low	Wagner	19000
1053	Jacobs	Monson	22000
1054	Rancourt	Demarais	1975
1055	Podesta	Segale	5400
1056	Williams	Byrne	600
1057	Olson	Olson	400
1058	Hlin	Bixley	500
1059	Kruger	Kruger	450
1060	Market St. Co.	Green	500
1061	Bourn	Brockhage	500
1062	Lazzorie	Fossati	1500
1063	Lyon	Lyon	1000
1064	Peterson	Hickman	400
1065	Payne	Dewar	600
1066	McElroy	Cal Art Metal	1433
1067	P. P. J. Exp.	Croley	2100
1068	Kathri	Hansen	3750
1069	Mollinari	Cunco	4500
1070	Yager	Yager	11000
1071	Yager	Yager	11000
1072	Holden	Holden	1450
1073	Holden	Holden	1450
1074	Holden	Holden	1450
1075	Holden	Holden	1450
1076	Ferrari	Martinez	5000
1077	Rushton	Rushton	5000
1078	W'n St Adv.	Owner	400
1079	Scholz	Scholz	500
1080	Cereschi	Corbino	500
1081	Bahrs	Bahrs	1500
1082	Cauhu	Conrad	6500
1083	Hind	Pac Rolling	19588

(981) N ROLPH 203 W Madrid. One-story and basement frame dwelling. Owner.....Schroder & Allis, 460 Du-boce Ave., San Francisco. Architect...None. COST, \$2300
Day's work.

(982) NO. 469 BUSH. Repair front. Owner.....Vasa Milesich, 1020 Kearny San Francisco. Architect...None. Contractor...Standard Woodworking Co., 282 13th, S. F. COST, \$400

(983) SW ROANOKE 50 SE Chenery. One-story and basement frame dwlg. Owner.....Geo. F. Voight, 276 29th, San Francisco. Architect...None. COST, \$1750
Day's work.

(984) NE CALIFORNIA AND POLK. Install two bath tubs, wall bats, steam heat and also minor changes. Owner.....G. Gillson, Maryland Hotel, San Francisco. Architect...None. COST, \$650
Day's work.

(985) SE HEAD AND HOLLOWAY Ave. Two-story and basement frame residence. Owner.....Urban Realty Improvement Co., 903 Phelan Bldg., S. F. Architect...None. Day's work. COST, \$3000

(986) NO. 652 SECOND AVE. Alter entrance to residence, etc. Owner.....John Hermann, Premises. Architect...E. A. Neumarkel, 918 Market, San Francisco. Day's work. COST, \$850

(987) S GEARY 200 E Devisadero. Concrete piers and erect tank frame. Owner.....Olympia Salt Water Co., Bush and Larkin, S. F. Architect...None. Day's work. COST, \$400

(988) E SUNNYSIDE 125 S Detroit. Two-story frame store and dwelling. Owner.....G. Gelini, 425 Sunnyside Ave., San Francisco. Architect...J. Solar, 1420 Taylor, S. F. Contractor...B. J. Torchia, 435 Columbus Ave., San Francisco. COST, \$1000

(989) NO. 815 BALBOA. Add 1 room and minor repairs to dwelling. Owner.....H. E. Harris, Monadnock Bldg., San Francisco. Architect...None. Contractor...C. Schwarz. COST, \$400

(990) SW NIAGARA 180 W Mission. One-story and basement frame dwlg. Owner.....Jno. B. Woolfrey, 3168 21st San Francisco. Architect...None. Day's work. COST, \$1200

(991) SW NIAGARA 205 W Mission. One-story and basement frame dwlg. Owner.....Jno. B. Woolfrey, 3168 21st San Francisco. Architect...None. Day's work. COST, \$1200

(992) E TWENTY-SEVENTH AVE 125 S Anza. One and one-half-story and basement frame dwelling. Owner.....Ernest E. Dunn, 375 27th Ave., San Francisco. Architect...None. Day's work. COST, \$2500

(993) NO. 659 HAIGHT. Alter front and repair store. Owner.....B. Wagner, 655 Haight, San Francisco. Architect...None. Contractor...T. Christian, 520 Haight, San Francisco. COST \$800

(993) E POLK 27-6 N Filbert E 70xN 27-6 Painting, graining, staining, tinting, etc., for three-story and basement frame flats. Owner.....J. L. Scheper, 2512 Polk, San Francisco. Architect...E. A. Neumarkel, 958 Market, San Francisco. Contractor...J. Fellbach, 75 Sanchez, San Francisco. Filed Mar. 17, '13. Dated Mar. 17, '13. Inside ready for varnish.....\$200 Completed and accept d.....150 Usual 35 days.....125 TOTAL COST, \$175

Bond, none. Limit, 25 days after inside finish on. Forfeit, none. Plans and specifications filed.

(994) ALL WORK EXCEPT PLUMBING, painting, shades, light fixtures and mantels on above. Contractor...Will G. Fahlen, 1371 Greenwich, San Francisco. Filed Mar. 17, '13. Dated Mar. 17, '13. Frame up.....\$1240 Plaster on.....1250 Completed and accepted.....1250 Usual 35 days.....1250 TOTAL COST, \$4990

Bond, \$2500. Surety, Martha Fahlen. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(995) PLUMBING, ETC., ON ABOVE. Contractor...F. Koch & Son, 1808 Market, San Francisco. Filed Mar. 17, '13. Dated Mar. 17, '13. Plumbing, gas and water pipes roughed in.....\$450 Completed and accepted.....400 Usual 35 days.....285 TOTAL COST, \$1135

Bond, \$550. Sureties, Wm. Wertsch & Alfred Fallon. Limit, 85 days. Forfeit, none. Plans and specifications filed.

(996) SW GUERRERO AND 24TH S 26xW 70. All work for three-story frame flats. Owner.....Geo. A. and Edith K. Mostabich, 160 Columbus Ave San Francisco. Architect...John F. Haner, 3579 19th, San Francisco. Contractor...Geo. Y. McCausland, 4245 25th, San Francisco. Filed Mar. 17, '13. Dated Mar. 15, '13. 2nd floor joists in place.....\$1001.25 Frame up, roof boards on and frame enclosed.....1001.25 Brown coated & rough plumbing in.....1001.25 Completed and accepted.....1001.25 Usual 35 days.....1335.00 TOTAL COST, \$5340.00

Bond, \$2670. Sureties, E. A. Hoadley and F. A. McCausland. Limit, 80 days. Forfeit, \$3. Plans and specifications filed.

(997) W EIGHTEENTH, Bet Connecticut and Arkansas. All work except excavation for two-story and basement frame flats. Owner.....Francesco Maggi, 18th bet. Kansas and Connecticut San Francisco. Architect...None. Contractor...E. W. Demarais, 732 Page, San Francisco. Filed Mar. 17, '13. Dated Feb. 14, '13. Roof on.....\$750 Brown coated.....750 Completed.....750 Usual 35 days.....750 TOTAL COST, \$3000

Bond, none. Limit, June 15. Forfeit, none. Plans and specifications filed.

(998) E JONES 137-6 N Clay 47-6x 68-9. All work except heating, electrical fixtures and shades for three-story and basement frame flats. Owner.....Anna L. Brownlee, 754 Market, San Francisco. Architect...Henry C. Smith, Humboldt Bank Bldg., S. F. Contractor...Marcus Marcusean. Filed Mar. 17, '13. Dated Mar. 13, '13. Frame up.....\$3200 Brown coated.....3200 Completed and accepted.....3200 Usual 35 days.....5300 TOTAL COST, \$20,900

Bond, \$10,450. Surety, Pacific Coast Casualty Co. Limit, July 15. Forfeit, \$10. Plans and specifications filed.

(999) E ALABAMA 180 N Army N 65x E 100. All work for two-story and basement frame flats.
Owner.....Louis Zwizzig, Newark, Alameda Co., Cal.
Architect...None.

Contractor...Mager Bros., 110 Jessie, San Francisco.

Filed Mar. 17, '13. Dated Mar. 14, '13.
Frame up\$2875
Brown coated 2875
Completed and accepted..... 2875
Usual 35 days..... 2875
TOTAL COST, \$11,500

Bond, none. Limit, 123 days. Forfeit, none. Plans and specifications filed.
NOTE:—Architect M. J. Welsh, 22nd and Mission, San Francisco.

(1000) SE MARKET 45-10 SW Spear SW 45-10xSE 137-6. Metal lathing, furring and corner beads for bldg.
Owner.....Sommer & Kaufman, Inc., 333 Market by Jos. Greenback.
Architect...None.

Contractor...R. McLelland, Monadnock Bldg., San Francisco.

Filed Mar. 17, '13. Dated Mar. 7, '13.
Payments on 1st and 15th of each month of 75%
Usual 35 days..... 25%
TOTAL COST, \$3700

Bond, limit, forfeit, none. Plans and specifications, none.

(1001) W TAYLOR 48 N Pacific. All work except finish hardware, mantels shades and fixtures for three-story and basement frame flats.
Owner.....Rosie Depaoli, 34 Scott Place, San Francisco.
Architect...None.

Contractor...Devenenzi Bros. & Co., 1069 Union, San Francisco.

Filed Mar. 17, '13. Dated Feb. 25, '13.
Roof on\$2162.50
Brown coated 2162.50
Completed and accepted..... 2162.50
Usual 35 days..... 2162.50
TOTAL COST, \$8550.00

Bond, \$4325. Surety, L. Perano and D. Devenenzi. Limit, May 25. Forfeit, none. Plans and specifications filed.
NOTE:—First report March 4th, No. 753.

(1002) S UNION 132-6 W Jones. All work except plumbing for three-story frame flats.
Owner.....D. Cereghino, 1132 Vallejo San Francisco.

Architect...None.

Contractor...Devenenzi Bros. & Co., 1069 Union, San Francisco.

Filed Mar. 17, '13. Dated Mar. 15, '13.
Roof on\$2000
Brown coated 2000
Completed and accepted..... 2000
Usual 35 days..... 2000
TOTAL COST, \$5000

Bond, \$4000. Sureties, L. Perano and D. Devenenzi. Limit, July 15. Forfeit, none. Plans and specifications filed.
NOTE:—First report March 10th, No. 759.

(1003) W TWENTY-FIFTH AVE 175 N Irving. Two-story frame dwelling
Owner.....Hayard & Hill, 163 Sutter San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work..... COST, \$2500

(1004) W TWENTY-FIFTH AVE 200 N Irving. Two-story frame dwelling
Owner.....Hayard & Hill, 163 Sutter, San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work..... COST, \$2500

(1005) W TWENTY-FIFTH AVE 235 N Irving. Two-story frame dwelling
Owner.....Hayard & Hill, 163 Sutter, San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work..... COST, \$2500

(1006) W TWENTY-FIFTH AVE 250 N Irving. Two-story frame dwelling
Owner.....Hayard & Hill, 163 Sutter, San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work..... COST, \$2500

(1007) W TWENTY-FIFTH AVE 275 N Irving. Two-story frame dwelling
Owner.....Hayard & Hill, 163 Sutter, San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.
Day's work..... COST, \$2500

(1008) S PINE 112-6 E Leavenworth. Three-story and basement frame apartment flats.
Owner.....Theo. E. Rulfs, Coronado Apartments, San Francisco

Architect...A. F. & C. M. Rousseau, Monadnock Bldg., S. F.
Day's work..... COST, \$12,000

(1009) N GEARY 70 E 20th Ave. Two-story and basement frame (2) flats.
Owner.....J. C. Thomas, 1914 Clement

Architect...None.
Day's work..... COST, \$3000

(1010) W FIFTEENTH AVE 75 S Anza. Two-story and basement frame residence.
Owner.....Kirby & Jones, 3947 18th, San Francisco.

Architect...None.
Day's work..... COST, \$3000

(1011) W FORTIETH AVE 275 S Anza. One-story and basement frame residence.
Owner.....C. W. Scull, W 40th Ave. near Anza, San Francisco.

Architect...O. D. Fairfield, 525 41st Ave., San Francisco.
Day's work..... COST, \$2000

(1012) W CLAYTON 757-3 N 17th. Two-story and basement frame residence.
Owner.....Johnson & Johnson, 55-A Devisadero, San Francisco.

Architect...None.
Day's work..... COST, \$2500

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(1013) S GOLDEN GATE AVE 225 S Devisadero. Three-story frame apartment flats.
Owner.....McKillop Bros., 540 Cole, San Francisco.

Architect...None.
Day's work..... COST, \$9000

(1014) NO. 733 GROVE. Concrete foundation and floor, repair side walk, plumbing, painting, roofing and carpenter work.

Owner.....Mrs. K. Johnston, Oakland.
Architect...None.

Contractor...H. W. Arnold, 227 Chattanooga, San Francisco.
COST, \$1000

(1015) E TWENTY-FOURTH AVE 150 N Irving. One and one-half-story and basement dwelling.

Owner.....Osar Heyman & Bros., 742 Market, San Francisco.
Architect...None.
Day's work..... COST, \$1900

(1016) NO. 830 IRVING. Electric sign.

Owner.....F. R. Macaulay, Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$500

(1017) NO. 105 POWELL. Electric sign.

Owner.....Del Monte Liquor Co., 105 Powell, San Francisco.
Architect...None.

Contractor...Moise-Klinkner Co., 1212 Market, San Francisco.
COST, \$900

(1018) N ELLIS 137-6 E Leavenworth E 40 N 120 W 20 S 60 W 20 S 60. Excavation, concrete, steel, iron, carpenter, mill, dumb waiter, elevator enclosures, hardware, roofing, glazing.

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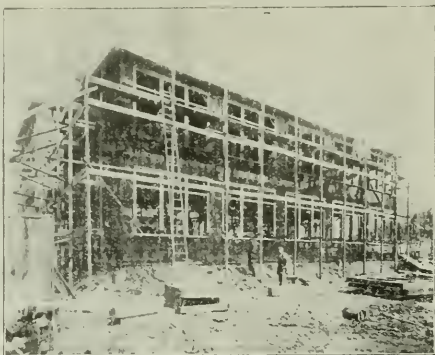
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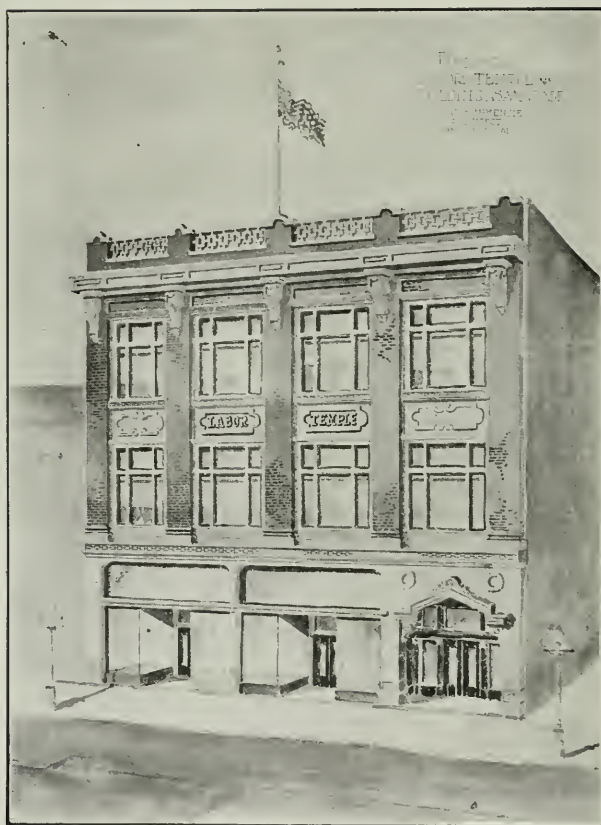
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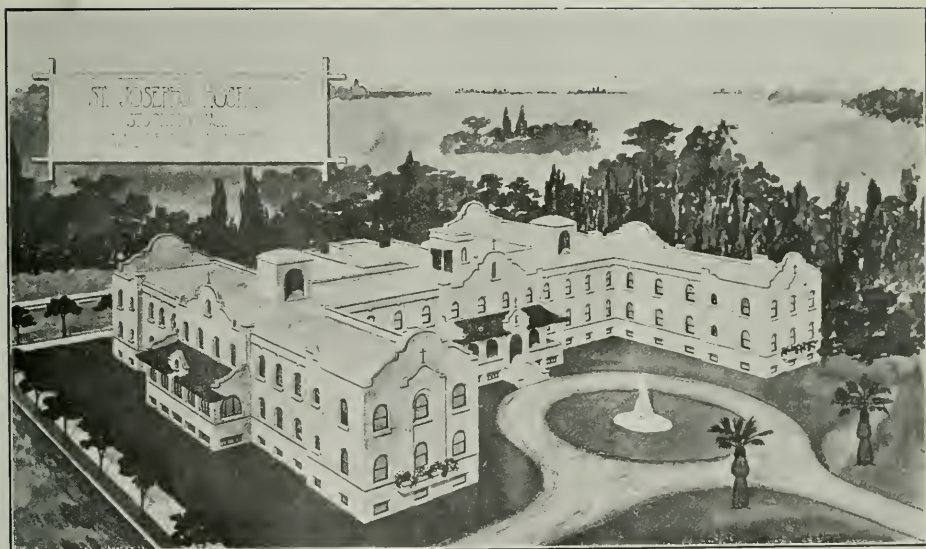
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ing, window shades, marble work, galvanized iron, lath and plaster, dampproofing, cementing, painting, electrical work for six-story and basement reinforced concrete Class "C" apartments.
Owner.....Frank J. Kimm, 271 Oak, San Francisco.
Architect...Salfeld & Kohlberg, Clunie Bldg., S. F.
Contractor...N. P. Anderson, 320 Market, San Francisco.
Filed Mar. 18, '13. Dated Mar. 14, '13.
3rd floor joists in and concrete poured to same level.....\$4500
Concrete done and building ready for roof 3500
Brown coated 5500
Standing finish on 4500
Completed and accepted..... 4462
Usual 35 days..... 7500
TOTAL COST, \$29,962
Bond, \$14,931. Sureties, R. Ringrose and Dillon. Limit, 160 days. Forfeit, none. Plans and specifications filed.

(1019) LATH, PLASTER, IMITATION tile work, ornamental plaster, damp proofing and outside cement work on above.
General Contractor...N. P. Anderson, Sub-Contractor...Chas. T. O'Kane, 681 Market, San Francisco.
Filed Mar. 18, '13. Dated Mar. 14, '13.
Brown coated\$1700
White coated 1200
Usual 35 days..... 1000
TOTAL COST, \$3909
Bond, \$3900. Surety, New England Casualty Co. Limit, to cause no delays. Forfeit, \$20. Plans and specifications filed.

(1020) S BUSH 68 E Mason E 22-6x S 80. All work for two-story and

basement reinforced concrete Class "C" store and flat building.
Owner.....Miss E. Rickard.
Architect...C. N. Burrell, Central Bank Bldg., Oakland.
Contractor...Van Sant-Houghton Co., 503 Market, San Francisco.
Filed Mar. 18, '13. Dated Mar. 18, '13.
Concrete construction up and poured in 2nd story wall beam joist support & floor joist in.....\$2412.50
Brown coated 2412.50
Completed and accepted..... 2412.50
Usual 35 days..... 2412.50
TOTAL COST, \$9560.00
Bond, \$4825. Sureties, C. S. and Minnie B. Houghton. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1021) NE MISSION AND FOURTH N 80x E 80. Marble work for seven-story and basement Class "C" hotel and store building.
Owner.....Voorman Co., 110 Market by P. J. Walker Co., Agents
Architect...Washington J. Miller, 45 Kearny, San Francisco.
Contractor...Vermont Marble Co., 244 Brannan, San Francisco.
Filed Mar. 19, '13. Dated Mar. 3, '13.
Payments on 1st & 15th of each month of 75%
Usual 35 days..... 25%
TOTAL COST, \$2075
Bond, \$1038. Sureties, M. J. Hawley and C. W. Glasson. Limit, forfeit, none. Plans and specifications filed.

(1022) W THIRTEENTH AVE 125 N Judah 30x120. All work for two-story frame residence.
Owner.....H. C. Meyer, 301 Hugo, San Francisco.

Architect...Theo. W. Lenzen, Humboldt Bank Bldg., S. F.
Contractor...Edw. Anderson, 3915 17th, San Francisco.
Filed Mar. 19, '13. Dated Mar. 13, '13.
Frame up\$745
Rough plumbing in and brown coated 745
Completed and accepted..... 745
Usual 35 days..... 745
TOTAL COST, \$2980
Bond, \$1490. Surety, Fidelity & Deposit Co. of Maryland. Limit, 20 days. Forfeit, none. Plans and specifications filed.

(1023) W PIERCE 125 N Lombard N 25xW 110. All work except lath, plaster, painting, plumbing, concrete foundation, granite stairs, terrazzo and cement work for three-story frame store and flats.
Owner.....Elade Vannell, 3235 Pierce San Francisco.
Architect...A. Frischina, 6 Imperial Ave, San Francisco.
Contractor...Domenico Francesconi, 151 Pixley, San Francisco.
Filed Mar. 19, '13. Dated Mar. 11, '13.
Gravel roof on\$687.50
Ready for lathing..... 687.50
Completed and accepted..... 687.50
Usual 35 days..... 687.50
TOTAL COST, \$2750.00
Bond, \$1375. Sureties, Francesconi and Fortunato Scatena. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1024) NW TAYLOR AND POST W 60 AN 30. Structural iron and steel work for eight-story steel frame Class "C" building.
Owner.....B. Hersch and B. Heskins, 1363 Fillmore, S. F.

Architect...Philipp Schwerdt, Phelan Bldg., San Francisco.
Contractor...Brode Iron Works, 31 Hawthorne, S. F.

Filed Mar. 19, '13. Dated Mar. 18, '13.
1st tier of steel set in place.....\$2500
3rd tier of steel set in place..... 1800
Completed and accepted..... 1800
Usual 35 days..... 2150

TOTAL COST, \$8250
Bond, \$4200. Sureties, Chas. H. Hook and E. J. Brandon. Limit, 70 days.
Forfeit, \$10. Plans and specifications filed.

(1025) N LOMBARD 73-6 W Jones N 68-9xW 34. Alterations and additions to frame residence.

Owner.....Margaret E. Peat, 906 Lombard, San Francisco.
Architect...Nathaniel Blaisdell, 255 California, San Francisco.

Contractor...L. Hippely, 1464 Grove, San Francisco.

Filed Mar. 19, '13. Dated Mar. 14, '13.
Exterior walls of all sides of house shingled and rough work done\$387
Rough plumbing and wiring done & interior finish ready for plaster 387
Completed and accepted..... 388
Usual 35 days..... 388

TOTAL COST, \$1650
Bond, \$775. Surety, National Surety Co. Limit, 60 days. Forfeit, \$5. Plans and specifications filed

(1026) W NEWHALL 75 S Innes Ave., South San Francisco. All work for one-story frame store and living rooms.

Owner.....Thos. Kelly, 900 Newhall, San Francisco.

Architect...None.
Contractor...Chas. H. Olsen, 1237 Evans Ave., San Francisco

Filed Mar. 19, '13. Dated Mar. 8, '13.
Rough frame up.....\$612 50
Brown coated 612 50
Completed 612 50
Usual 35 days..... 612 50

TOTAL COST, \$2450 00
Bond, \$1250. Surety, Fidelity & Casualty Co. of Maryland. Limit, 90 days after March 15. Forfeit, none. Plans and specifications filed.

(1027) E COLE 52-7 S 17th S 25-1x E 100 WA 883. All work for two-story and unfinished basement frame dwlg.

Owner.....Ruby and Walter S. Behrens, 103 Arlington, San Francisco.

Architect...None.
Contractor...M. C. Rench, 1427 5th Ave., San Francisco.

Filed Mar. 19, '13. Dated Mar. 18, '13.
Frame up\$800
Brown coated 800
Accepted 800
Usual 35 days..... 800

TOTAL COST, \$3200
Bond, \$1600. Surety, American Surety Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1028) S BUSH and running in S direction at right angles to Bush for distance of 1206 N Fern Ave E 25 th 120 W 25. Carpentry, mill, plumbing, painting, sheet metal, steel lintels, anchors, bond iron, roofing, glass, floors, side walks, etc., for one-story and a two-story brick building.

Owner.....Geo. H. Woodward, Hyde and Golden Gate Ave., S. F.
Architect...None.
Contractor...Fraser & Fraser, 658 8th Ave., San Francisco.

Filed Mar. 19, '13. Dated Mar. 11, '13.
1st story joists in.....\$800
2nd story joists in..... 500
Completed 443
Usual 35 days..... 581

TOTAL COST, \$2324
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1029) S BUSH 109 E Van Ness Ave. Brick work and excavating extra footings, cementing fire walls and window sills, etc., for two-story and basement brick machine shop.

Owner.....Geo. H. Woodward, Hyde and Golden Gate Ave., S. F.
Architect...None.

Contractor...McWhirter & Drake, 180 Jessie, San Francisco.

Filed Mar. 19, '13. Dated Mar. 19, '13.
Basement walls in place.....\$1040
1st story walls in place..... 750
Completed and accepted..... 460
Usual 35 days..... 750

TOTAL COST \$3000
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1030) W ELLSWORTH 25 N Powhattan. One-story and basement frame dwelling.

Owner.....John C. Schmitt, 16 Ellsworth, San Francisco.

Architect...None.
Day's work..... COST, \$1000

(1031) W NAPLES 350 N Rolph. One and one-half-story and basement frame residence.

Owner.....H. M. Wickenhoefer, 4110 26th, San Francisco.

Architect...None.
Contractor...A. F. Cannon, 2632 26th Ave., San Francisco.
COST, \$1060

(1032) E SECOND 200 N Minna. Side walk elevator.

Owner.....John Rapp, 1461 Page, S. F.
Architect...None.

Contractor...J. T. Lorenzen, 430 Steiner, San Francisco.

COST, \$500

(1033) SW NINETEENTH AND NOE. Excavate and lay concrete floor.

Owner.....H. Optiz, 604 Noe, S. F.
Architect...None.

Contractor...Ellingson & Holt, 3877 26th, San Francisco.

COST, \$100

(1034) NO. 155 THIRD. Electric sign.

Owner.....S. L. Jackson, Premises.
Architect...None.

Contractor...Novelty Elec. Co., 165 Eddy, San Francisco.

COST, \$500

(1035) NO. 1709 GRANT AVE. Concrete foundation and minor repairs.

Owner.....Joseph Guglielini, Premises.
Architect...None.

Day's work..... COST, \$600

(1036) NW SAN JOSE AND SAN JUAN Two-story and basement frame store and flats.

Owner.....Angelo Morabito, 269 Cotter, San Francisco.

Architect...None.
Contractor...Antonio Draga, 733 Chenery, San Francisco.

COST, \$2500

(1037) NO. 390 THIRD. Repair and alter restaurant.

Owner.....R. T. Legge, M. D., McCloud, Cal.

Architect...None.

Contractor...G. Sandberg, 1455 Buena Vista Terrace, S. F.
COST, \$500

(1038) SE BRYANT AND HARRIET Two-story and basement frame machine shop.

Owner.....Auld & Blackman, 311 Harriet, San Francisco.

Architect...A. R. Denke, Humboldt Bank Bldg., S. F.

Day's work..... COST, \$2500

(1039) W EMBARCADERO, bet Howard and Mission. New side walk, bulkheads, raise floor and ratproof floor.

Owner.....Pope & Talbot, 68 Post, San Francisco.

Architect...O'Brien & Werner, 68 Post, San Francisco.

Contractor...N. McLain, 68 Post, S. F.

COST, \$3500

(1040) W STOCKTON 50 N Washington. Three-story brick rooming house.

Owner.....Max Goldberg, 320 Market, San Francisco.

Architect...None.
Day's work..... COST, \$8000

(1041) S SUTTER 164-6 E Taylor E 60-9xS 137-6. Excavation, concrete, bulkheading, shoring, pumping, concrete foundation, concrete floors, reinforced concrete work for six-story and basement Class "C" apartment building.

Owner.....W. F. Perkins and H. O. Trowbridge, 14 Montgomery, San Francisco.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...H. L. Petersen, 62 Post, San Francisco.

Filed Mar. 20, '13. Dated Mar. 19, '13.

Payments of 1st of each month 75%
Usual 35 days..... 25%

TOTAL COST, \$3700

Bond, \$2850. Surety, Aetna Accident & Liability Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(1042) N BROADWAY 47-7 W Grant Ave W 21-2xN 48-6. Plumbing, gas fitting and sewerage for four-story and basement Class "C" reinforced concrete store and rooms.

Owner.....Prosper Bacigalupi, 61 Broadway, San Francisco.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...A. Curran, 635 Vallejo, San Francisco.

Filed Mar. 20, '13. Dated Mar. 19, '13.

Rough plumbing in.....\$40
Completed and accepted..... 40

Usual 35 days..... 40

TOTAL COST, \$120

Bond, Guaranty bond in favor of owner, Sureties, M. J. White and Veto J. Guinasso. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(1043) ALL WORK EXCEPT CONCRETE, iron, plumbing, glass, painting, finish hardware, shades and chandeliers on above

Contractor...G. Caranza, 372 Shotwell, San Francisco.

Filed Mar. 20, '13. Dated Mar. 18, '13.

All joists and window frames set\$ 80

Brown coated 100

Completed and accepted..... 102

Usual 35 days..... 140

TOTAL COST, \$422

d, Guaranty bond in favor of owner, Sureties, G. Chiappari & Domenico, Inc. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

(4) EXCAVATION, SIDE WALK lights, side walk iron beams, concrete work on above.

Contractor...A. Tosey & C. Calegaris.
d Mar. 20, '13. Dated Mar. 18, '13.
alls ready for 1st floor joists
d side wall iron beams set. \$ 800
alls ready for 2d floor joists. \$ 800
alls ready for 3d floor joists. \$ 200
Completed and accepted..... 1000
Usual 35 days..... 1200

TOTAL COST, \$1620

d, Guaranty bond in favor of owner, Sureties, A. Tosey & C. Calegaris, Inc. 90 days. Forfeit, \$3. Plans and specifications filed.

(5) SE SAN GABRIEL AVE 207.94 E Santa Rosa Ave NE 30.11 SE 25.45 SW 30.11 NW 125.45 being NE 10 ft. Lot 10 and SW 20 ft. Lot 9 Bldg 3." Mission Terrace. All work for one-story 5-room and bath frame dwelling.

Contractor.....Eva A. Waymire, 111 Liberty, San Francisco.

Architect...None.
Contractor...N. F. Nilsson, 355 Coleridge Ave., San Francisco.
d Mar. 20, '13. Dated Mar. 6, '13.
2259 to be deposited with Baldwin & Howell to be drawn upon during progress of work.....
250 to remain with Baldwin & Howell until 35 days after.....
TOTAL COST, \$3250

d, none. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

(6) S FIFTEENTH AVE 192 N Alhambra (B). All work except gas and electric fixtures, window shades, mirrors and art glass, rat proofing for one and one-half-story and basement frame residence.

Contractor.....M. J. Duffy, Apt. No. 3, 189 Farnassus Ave., S. F.

Architect...None.
Contractor...Deming & Sampson, 696 29th, San Francisco.

d Mar. 20, '13. Dated Mar. 12, '13.
Frame up and covered with rustic 1/4
rown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4

TOTAL COST, \$2230

d, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(7) S SACRAMENTO 80 E Franklin 32-9XS 87-84. Plumbing, gas fitting, hot water system for three-story and basement frame apartments.

Contractor.....Wm. Mensor, 2211 California, San Francisco.

Architect...Albert Schroeffer, 68 Post, San Francisco.

Contractor...The Hill Co.

d Mar. 20, '13. Dated Mar. 15, '13.
ough in\$550
Completed and accepted..... 550
Usual 35 days..... 375

TOTAL COST, \$1475

d, \$737.50. Sureties, J. W. Rappley & F. M. Hiller. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(8) LATH AND PLASTER ON above.

Contractor...H. A. Chalmers, 4711 California, San Francisco.

d Mar. 20, '13. Dated Mar. 11, '13.
rown coated\$300

Completed and accepted..... 300

80 days after..... 200

TOTAL COST, \$500

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1019) SE GEARY AND JONES E 28-9 XS 68-9. Lath, plaster, corner beads, ornamental plaster, etc., for six-story and basement Class "C" stores and rooms.

Owner.....J. Mensor, 2211 California, San Francisco.

Architect...Albert Schroeffer, 68 Post, San Francisco.

Contractor...H. A. Chalmers, 4711 California, San Francisco.

Filed Mar. 20, '13. Dated Mar. 11, '13.

Completely lathed\$ 600

Brown coated 800

Completed and accepted..... 1400

80 days after..... 950

TOTAL COST, \$3750

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1050) TINNING, GALVANIZED IRON ornamental stamped zinc, etc., on above.

Contractor...Gulfooy Cornice Wks., 209 8th, San Francisco.

Filed Mar. 20, '13. Dated Mar. 11, '13.

1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2350

Bond none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1051) ELECTRICAL WORK ON above.

Contractor...Vitt Elec. Co., 248 Church, San Francisco.

Filed Mar. 20, '13. Dated Mar. 11, '13.

Roughed in\$425

Completed and accepted..... 425

Usual 35 days..... 300

TOTAL COST, \$1150

Bond, \$575. Sureties, Chas. J. Turre and Chas. S. Ransdell. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1052) NW CLEMENT AND FIFTH Ave W 57-6XN 100. All work for two-story and basement brick building (stores).

Owner.....John A. and Jos. L. Low, 3845 17th, San Francisco.

Designer...W. Hubbard, 1783 Green, San Francisco.

Contractor...Ferdinand Wagner, 609 Waller, San Francisco.

Filed Mar. 20, '13. Dated Mar. 15, '13.

Walls ready for 1st floor joists.....\$2500

Walls ready for 2d floor joists. 2000

Walls ready for roof joists..... 2000

Roof and fire walls done..... 2000

Rough plaster and floor done..... 2000

Ready for painter..... 2500

Completed and accepted..... 1250

Usual 35 days..... 4750

TOTAL COST, \$19,000

Bond, \$9500. Surety, Southwestern Surety Ins. Co. Limit, 75 days. Forfeit, \$10. Plans and specifications filed.

(1053) S JACKSON 187-6 W Locust W 40XS 127-84. All work for three-story and basement frame apartment house (6 apartments).

Owner.....Hyman Jacobs, 15 Powell, San Francisco.

Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...Monson Bros., 1907 Bryant, San Francisco.

Filed Mar. 20, '13. Dated Mar. 18, '13.

Frame up to 1st floor level.....\$2000

Frame up 2400

Brown coated 3300

MHI work installed..... 4400

Completed and accepted..... 4400

Usual 35 days 5500

TOTAL COST, \$22,600

Bond, \$11,000. Sureties, Globe Indemnity Co. Limit, 115 days. Forfeit, \$15. Plans and specifications filed.

(1054) NW DELANO AVE 192-6 NE Ocean Ave NW 78-73 SW 64-37 SE 78 NE 53-70. All work except cement floors, finish hardware, gas and electric fixtures and shades for one-story and basement frame building.

Owner.....David Itanconl.

Architect...None

Contractor...De Martini & Segale, 2123 Powell, San Francisco.

Filed Mar. 20, '13. Dated Mar. 19, '13.

Roof on\$650

Completed and accepted..... 650

Usual 35 days..... 675

TOTAL COST, \$1975

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications, none.

(1056) E WAYNE PLACE (Scott) 87-6 S Broadway S 25xE 56. All work except finish hardware, mantels, gas and electric fixtures, shades for three story and basement frame flats.

Owner.....Antonio Podesta, 10 Wayne Place, San Francisco.

Architect...J. Devincenzi, 1069 Union, San Francisco.

Contractor...De Martini & Segale, 2123 Powell, San Francisco.

Filed Mar. 20, '13. Dated Mar. 15, '13.

Frame up\$1350

Brown coated 1350

Completed and accepted..... 1350

Usual 35 days..... 1350

TOTAL COST, \$5400

Bond, \$2700. Sureties, Paul De Martini and Luigi Segale. Limit, 90 days from March 17. Forfeit, \$5. Plans and specifications filed.

(1056) END OF BESSIE. Concrete foundation and underpin dwelling.

Owner.....Frances Williams, 1434 Shotwell, San Francisco.

Architect...None.

Contractor...Miles Byrne, 286 Sunny-side Ave., San Francisco.

COST, \$600

(1057) NOS. 246-48-50 ALMA (rear). One-story frame garage.

Owner.....G. F. Olson, Premises.

Architect...None.

Day's work. COST, \$400

(1058) NE BUSH AND KEARNY. Add two rooms and new roof.

Owner.....F. A. Hihn, Santa Cruz, Cal.

Architect...E. P. Antonovich.

Contractor...R. R. Bixley, 10 East, S. F. COST, \$500

(1059) W TENTH AVE 150 S Lincoln Way. Concrete floor and new entrance.

Owner.....Max Kruger, 1223 10th Ave San Francisco.

Architect...None

Day's work. COST, \$450

(1060) SE FOURTH AND MARKET. Erect metal sign.

Owner.....Market Street Co., 310 Sanson, San Francisco.

Architect...None.

Contractor...J. Chas. Green, 275 Valencia, San Francisco. COST, \$500

(1061) N BROADWAY 150 E Buchanan
Remove old plaster on exterior of
residence and replace with new.
Owner.....W. B. Bourn, 2030 Broad-
way, San Francisco.
Architect...None.
Contractor...F. A. Brockhage, 1326 Na-
toma, San Francisco.
COST, \$500

(1062) W MISSION 180 1/2 N Mariposa.
One-story and basement frame dwlg.
Owner.....G. Lazzorle, 144 Missouri,
San Francisco.
Architect...None.
Contractor...D. Fossati, 143 Mission.
San Francisco.
COST, \$1500

(1063) S ELLINGTON 106-8 W Far-
ragut. One-story frame dwelling.
Owner.....H. Lyon, 1460 Hayes, S. F.
Architect...None.
Day's work. COST, \$1000

(1064) NOS. 557-41 BAKER. New
steps and rails.
Owner.....Frank Peterson, 2068
Baker, San Francisco.
Architect...None.
Contractor...J. C. Heckman 1230 Web-
ster, San Francisco.
COST, \$400

(1065) SE CHESLEY & EDINBURGH.
One-story frame shop.
Owner.....Paynes Bolt Works, 133
Howard, San Francisco.
Architect...None.
Contractor...R. Duwar & Son, 899 Fell,
San Francisco.
COST, \$600

(1066) SW SIXTH 72 NW Howard NW
45 SW 75 NW 45 SW 50 SE 75 NE 50
SE 18 NE 75. Ornamental iron work,
etc., for six-story and basement steel
frame Class "C" building.
Owner.....R. D. McElroy
Architect...William Currett & Son,
Phelan Bldg., S. F.
Contractor...California Artistic Metal
& Wire Co., 365 7th, S. F.
Filed Mar. 21, '13. Dated Mar 12, '13
Payments on 1st and 15th of each
month of 75%
Usual 35 days 25%
TOTAL COST, \$1533
Bond, \$750. Surety, National Surety Co.
Limit, 45 days. Forfeit, none. Plans
and specifications filed.

(1067) EXPOSITION SITE. Furnish
and deliver loam for exposition
gardens.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., E. F.
Architect...None.
Contractor...Crowley Launch & Tug-
boat Co., Howard Street
Wharf, San Francisco.
Filed Mar. 21, '13. Dated Mar. 12, '13
As work progresses 75%
Usual 35 days 25%
TOTAL COST, \$21,400
Bond, \$11,000. Surety, The Title Guar-
anty & Surety Co. Limit, 150 days.
Forfeit, none. Plans and specifications
filed.

(1068) W PIERCE 90 S Lombard S
23-9xW 137-6. All work for two-
story frame store and flat.
Owner.....Chas. Kathri, 3131 Pierce,
San Francisco.
Architect...None

Contractor...Peter Hansen, 1853 Green,
San Francisco
Filed Mar. 21, '13. Dated Mar. 17, '13.
Foundation in and lumber on
ground\$937 50
Roof on 937 50
Plaster completed 937 50
Completed and accepted..... 937 50
TOTAL COST, \$3750 00

Bond, \$1875. Surety, American Bond-
ing Co. of Baltimore. Limit, 70 days.
Forfeit, none. Plans and specifications
filed

(1069) E LAUREL 107-7 1/2 N Califor-
nia N 25xE 137-6 WA 816. All work
for two-story frame flats
Owner.....Giovanni B. Molinari, 436
Laurel, San Francisco.

Architect...None.
Contractor...Wm. J. Cuneo, 686 Capp,
San Francisco
Filed Mar 21, '13 Dated Mar 17, '13
Rough frame up.....\$1225
Brown coated 1225
Completed and accepted..... 1225
Usual 35 days..... 1225
TOTAL COST, \$4500

Bond, none Limit, 90 days Forfeit,
none. Plans and specifications filed

(1070) N SACRAMENTO 167-6 E Polk.
Three-story and basement frame
tenements.
Owner.....P. Yager, 129 Carl, S. F.
Architect...None.
Day's work., COST, \$11,000

(1071) N SACRAMENTO 137-6 E Polk.
Three-story and basement frame
tenement.
Owner.....P. Yager, 129 Carl, S. F.
Architect...None.
Day's work., COST, \$11,000

(1072) W ANDERSON 25 N Tompkins.
One-story and basement frame resi-
dence.
Owner.....Geo. Holden, 2567 Filbert,
San Francisco.
Architect...None.
Day's work. COST, \$1450

(1073) NW ANDERSON & TOMPKINS.
One-story and basement frame resi-
dence.
Owner.....Geo. Holden, 2567 Filbert,
San Francisco.
Architect...None.
Day's work. COST, \$1450

(1074) W ANDERSON 50 N Tompkins.
One-story and basement frame resi-
dence.
Owner.....Geo. Holden, 2567 Filbert,
San Francisco.
Architect...None.
Day's work. COST, \$1450

(1075) W ANDERSON 75 N Tompkins.
One-story and basement frame resi-
dence.
Owner.....Geo. Holden, 2567 Filbert,
San Francisco.
Architect...None.
Day's work. COST, \$1450

(1076) W MAJESTIC 100 N Lakeview.
One-story and basement dwelling.
Own r.....C. Ferrari, 1543 Grand Ave.,
San Francisco.
Architect...None.
Contractor...L. Martini, 407 Green, S. F.
COST, \$750

(1077) W NINTH AVE 25 S Cabrillo.
Two-story and basement frame (2)
flats.
Owner.....Chas. C. Rushton, 714 9th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$5000

(1078) SE FOURTEENTH & GUER-
rero. Electric sign.
Owner.....Western States Adv. Co.,
368 Valencia, S. F.
Architect...None.
Day's work. COST, \$400

(1079) NO. 25 HERON. Add two frame
stories.
Owner.....C. Scholz, Premises.
Architect...None.
Day's work. COST, \$500

(1080) NO. 3137 LAGUNA. Rais-
dwelling and add store.
Owner.....Mrs. A. Cereghino, 42
Green, San Francisco.
Architect...None.
Contractor...J. Cereghino, Premises.
COST, \$50

(1081) NO. 635 SEVENTEENTH AVI.
One-story and basement frame dwl.
Owner.....W. Bahrs, 631 17th Av.
San Francisco.
Architect...None.
Day's work. COST, \$1500

(1082) N GREEN 164-6 W Pierce
26-1 1/2xN 127. All work except hea-
ling for two-story and basement
frame building (2 flats).
Owner.....Peter Caubu, 1013 Leave-
worth, San Francisco.
Architect...A. F. & O. M. Rousseau
Monadnock Bldg., S. F.
Contractor...Henry Conrad, 2853 Pl.
San Francisco.

Filed Mar. 22, '13. Dated Mar. 19, '13.
Frame up and roof on\$10
Brown coated 10
Finished and accepted..... 10
Usual 35 days 10
TOTAL COST, \$60
Bond, \$3250. Sureties, A. G. Creyer &
P. Parenti. Limit, 90 days from
giving permit. Forfeit, none. Pl
and specifications filed.

(1083) N CALIFORNIA 77-6 W Fr
W 60-8 1/2xN 127-6. Fabrication &
erection complete of steel frame &
cast iron bases for six-story
basement building.

Owner.....The Hind Estate Co.,
California, San Francis
Architect...John Reid Jr., Mercha
Exchange Bldg., S. F.
Contractor...Pacific Rolling Mill
Sharon Bldg., S. F.
Filed Mar. 22, '13. Dated Mar. 10,
Payments on 15th of each month
Usual 35 days.....

TOTAL COST, \$11
Bond, none. Limit, 145 days. For
\$10. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY

Mar. 11, 1913—W TWENTY-NIN'
Ave 140 N Balboa (B) N 100
91,840 S 100-3 or 1 E \$2.0
Sidney M Van Wyck Jr and Cr
tenden Van Wyck as to impro-
vements on leased property.....

COMPLETION NOTICES.

San Francisco.

Mar. 12, 1913—W TENTH AVE 380 S
E" S 25xW 120. Frederick and
Elizabeth Schwenkler to whom it
may concern.....Completed —
Mar. 15, 1913—N SACRAMENTO 225
Drumm N 119-6x E 50. Union
Pacific Salt Co to John Spargo....
.....Completed —
Mar. 15, 1913—S WASHINGTON 140 E
Broderick E 50 th 127-8 1/2 W 50 N
27-8 1/2. D M Richards Realty Co
to J S Malloch.....Mar. 6, 1913
Mar. 15, 1913—W CHENERY 137 S
lateo 25x100. Wm Miller to whom
it may concern.....Mar. 3, 1913
Mar. 17, 1913—W MONTGOMERY 26
Green 20x60. L Varacchi to De-
cenci Bros & Co.....Mar. 15, 1913
Mar. 17, 1913—N LAKE 127-6 W 15th
ave W 26xN 100. Edward Belasco
to L J Deibel.....Mar. 11, 1913
Mar. 17, 1913—W ARGUELLO BLVD
100 N Clement 50x120. W R Kenny
to J M Johnson and Western Iron
Supply Co.....Mar. 17, 1913
Mar. 17, 1913—SE MISSION 137-6 NE
lain NE 45-10xSE 137-6. J C
Fitschen and Ella O Fischen to
ra W Coburn Inc.....Mar. 15, 1913
Mar. 17, 1913—S PACIFIC 183-2 1/2 W
Hyde W 12-9 1/2 m or 1xS 73.
Amuel Brown to Matthew Brown
.....Mar. 17, 1913
Mar. 18, 1913—NW TWENTY-NINTH
San Jose Ave W 95-5 1/2 N 29-10 1/2
S 107-1 SW 32-0 1/2. Mrs Margaret
Hitchell to S J Sterner.....Mar. 17, 1913
Mar. 18, 1913—E CLAYTON 436 N
Ashbury N 25xE 79. Karl Yngve
to whom it may concern.....Mar. 18, 1913
Mar. 18, 1913—N CLAY 205 W Larkin
N 32-6xN 127-8 1/2. William W and
Alfred M Yager to whom it may
concern.....Mar. 15, 1913
Mar. 18, 1913—NW POST & AGATE
Alley N 60xW 40. Rosie Resenberg
to Lindgren Co.....Mar. 14, 1913
Mar. 18, 1913—NW GOLDEN GATE
ave and Jones N 137-6xW 137-6.
V H Taylor Co to Conlin & Roberts
.....Mar. 14, 1913
Mar. 18, 1913—S EUCLID AVE 167-6
E Commonwealth Ave E 37-6 S
9-556 N 25 deg W 87-6 m or 1 N
7-418. Pauline and Harriet Lan-
cker to M Fisher.....Mar. 10, 1913
Mar. 18, 1913—E TWENTY-THIRD AVE
150 N Clement. Arthur Granz to
whom it may concern.....Mar. 14, 1913
Mar. 18, 1913—S BUSH 45 E Powell
15-6x67-6. G C F Schwarz to A
Dahlberg.....Mar. 13, 1913
Mar. 18, 1913—LOT 2 BLK "D" Mis-
sion Terrace. Ida Cohen (wif Re-
uben J) to R Hanson.....Mar. 17, 1913
Mar. 18, 1913—E KEARNY 137-6 S
Jackson S 37-6 E 77 N 10 E 23 N
27-6 W 110. Mrs Magdalena Baird,
Trustee Est John G Hs to Frank
Schaadt.....Mar. 8, 1913
Mar. 19, 1913—NE TINGLEY 197-61
SE San Jose Ave SE 50 NE 88-61
NW 50-50 SW 90-94 Lots 127 and
128 Demartini Tct. Daniel Suter
to whom it may concern.....Mar. 18, 1913
Mar. 19, 1913—NW GRANT AVE and
Chestnut W 60xN 25. Paolo Pao-
lino to John Dighero.....Mar. 19, 1913
Mar. 19, 1913—SW McALLISTER &
Octavia W 137-6xS 120. Miss A T
Smith to Chas Wright.....Mar. 14, 1913
Mar. 18, 1913—SE JESSIE 32-6 SW
Annie Shaw 105 SE 80 NE 80 NW 39
NE 25 NW 41. Sharon Estate Co
to Alan Macdonald and Felix Kahn

as (Macdonald & Kahn).....Mar. 17, 1913
Mar. 19, 1913—E FILLMORE 50-075
N Bay N 1607 E 475 S 400 E 80 S
667 W 555 m or 1. Panama-Pacific
International Exposition Co to Sun-
set Constr Co.....Mar. 19, 1913
Mar. 19, 1913—W FIFTEENTH AVE
129-3 N Clement N 25 N 120 S 25 E
120. Emil A & Margaret F Schkade
to whom it may concern.....Mar. 18, 1913
Mar. 19, 1913—E TWENTY-NINTH
Ave 450 S Clement S 25-6 1/2 E
113-1 1/2 N 25-7 1/2 to a pt 140-8 1/2
fm beg W 140-8 1/2. Felice Guerra
McCoy to R A McCoy.....Mar. 1, 1913
Mar. 19, 1913—N JERSEY 75 E
Vicksburg E 25xN 114. Max H
Groovers to E Johnson.....Mar. 19, 1913
Mar. 18, 1913—E EIGHTEENTH AVE
235 N California 25x120. W Faubel
to Louis Metter.....Mar. 10, 1913
Mar. 20, 1913—LOT 79 Corona Heights
August Klahn to whom it may
concern.....Mar. 20, 1913
Mar. 20, 1913—SE SHIPLEY 175 E
6th E 25xSE 75. John and Ellen
Reilly to whom it may concern.....
.....Mar. 20, 1913
Mar. 20, 1913—SE POWELL AND
Fella Alley E 113-6xS 64. Charles
W Rebmann to Henry T Grieb.....
.....Mar. 15, 1913
Mar. 20, 1913—W DOUGLAS 80-6 S
Alvarado S 50xW 100. Lots 52 and
53 Heyman Tct. Theresa Stein-
auer to whom it may concern.....
.....Mar. 19, 1913
Mar. 20, 1913—E TWENTY-FIRST
Ave 225 S Irving S 25xE 120. Au-
gust Klahn to whom it may
concern.....Mar. 20, 1913
Mar. 20, 1913—NW CALIFORNIA &
Van Ness Ave W 159-4xN 69-3. F
H Mesow and James M Morrison
to whom it may concern.....Mar. 20, 1913

LIENS FILED.

San Francisco.

Mar. 17, 1913—SE MARKET 150-1 1/2
NE 7th SE 165-1xNE 75. Joseph
Musto-Sons Keenan Co vs John
Doe Stern and Boston and S F
Amusement Co, Cpn, \$224.75; Same
vs Sane.....\$24.55
Mar. 17, 1913—SE MARKET 150-1 1/2
NE 7th SE 165-1xNE 75. S F Amuse-
ment Co vs Boston & S F Amuse-
ment Co.....\$235.65
Mar. 17, 1913—S NORIEGA & 8TH
Ave S 125 W 120 N 25 E 87-6 N 100
E 32-6. H G Vaughan vs Wm T
Mead, Ariana Mead, Carrie R
Mead, Daisy A Jackson and Susan
B Pharo.....\$306.25
Mar. 15, 1913—N BRANNAN 113-9 E
Third E 28-9xN 80. Bennett Bros
vs Della Monahan.....\$97.77
Mar. 12, 1913—FOLSOM NO. 3912. W
Folsom 50 S Jefferson. The Greater
City Lmbr Co vs J I Johnson.....\$16.95
Mar. 19, 1913—MARKET NO. 882. J
Bohn & Co vs Flood Sullivan & Co
and Jns L Glood.....\$105.50
Mar. 19, 1913—SE MARKET 150-1 1/2
NE 7th SE 165-1xNE 75. A G Dis-
tr vs Boston & S F Amusement Co.....\$1100
Mar. 18, 1913—S TURK AND NW
Market SW 167-10 NW 39-0 1/2 N 66-5
E 159 ptn Blk 200 of 50 vara John
A Martin vs W A Dean and Harry
D Bransch.....\$175
Mar. 18, 1913—S CHESTNUT 112-6 E
Jones E 25x95. H and S Ginsberg,
S Ginsberg & Co vs Antonio and
Pasquale Laroeca.....\$132.50
Mar. 20, 1913—SE MARKET 150-1 1/2

NE 7th SE 165-1xNW 150-1 1/2.
Martin Peterson vs Boston & S F
Amusement Co.....\$484
Mar. 20, 1913—SW PINE & LAGUNA
W 87-6xS 25. Timothy F Donahue
vs George Burich and Paul Karib
.....\$21
Mar. 21, 1913—NW TWENTY-FIFTH
and Castro N 89xW 80. Edw Daly,
\$217; R W Lenville, \$189; John
Ferriter, \$160 vs Chas E Reinhardt,
Christiansen & Smith and Ayres
Bros.....\$2170
Mar. 21, 1913—E COMMONWEALTH
350 N Euclid N 40xE 120. Eureka
Sash, Door & Moulding Mills vs L L
Berger and Antonette Porter.....\$234.05
Mar. 21, 1913—N BRYANT 113-9 E
Third E 28-9xN 50. Wright Har-
ware Co vs Della Monahan.....\$2170

CANCELLATION OF BLDG CONTRACT

Mar. 17, 1913—E TWENTY-NINTH
Ave 225 N Anza (A) N 25xE 120.
Joseph Bar Levy and Fannie Levy
with W A Miller, Cancelled.....
.....Feb. 27, 1912

OAKLAND AND ALAMEDA
COUNTY.

RESIDENCE — 2 story and base,
frame, \$3,500. Oakland, Cal. Archi-
tect, none. Owner, C. J. Pfingr, 5487
Claremont Ave., Oakland. The dwell-
ing has been designed for an eight-
room house with bath and sleeping
porch. Interior finish will be of pine
and redwood with hardwood floors in
the living room, dining room and re-
ception hall. Furnace heat will be in-
stalled. There will be an open fire
place in the living room with brick or
tile mantel. An automatic water heater
is specified. Bath room will have
tile wainscot and composition floor.
The exterior of the dwelling will be
covered with cement plaster on metal
lath. Plans are complete and the work
will be done by Day Labor.

RESIDENCE — 2 story and base,
frame, \$6,000. Piedmont, Alameda Co.,
Cal. Architects, Cunningham & Polito-
to, First National Bank Bldg., S. E.
Owner, H. S. Polito. This dwelling
has been mentioned here before. Plans
show a house designed to contain eight
rooms, bath and sleeping porches. In-
terior finish will be of pine and hard-
wood. There will be a central heating
system and open fire places. Mantels
will be of tile and brick. Tile will be
used in the bath rooms and kitchen.
An automatic water heater will be in-
stalled. The exterior of the building
will be covered with shiplap. Plans
are complete and figures are again be-
ing taken for the work.

RESIDENCE — 2 story and base,
frame, \$3,000. Oakland, Cal. Archi-
tects, Thomas & Oliver, Pantages The-
atre Bldg., Oakland. Owner, Paul
Schneider. The dwelling will contain 18
rooms and bath. Interior finish will be
largely of pine. Hardwood floors will
be used in the principal rooms. A central
system of heating will be installed.
There will be an open fire place in the
living room with a brick mantel. Tile
will be used in the bath room and
kitchen. The exterior of the house
will be covered with cement plaster on
metal lath. Plans are complete and
the work will be done by Day Labor.

APARTMENT HOUSE ADDITIONS—
3 story, frame, \$10,000. Oakland, Cal.

BUILDING AND INDUSTRIAL NEWS

Architects, Miller & Hodges, Bankers' Investment Bldg., S. F. Owner, M. Davison, 768 8th St., Oakland. This work will include new foundations and exterior finish, plumbing, electric work and plastering. Interior finish will be of pine throughout. There will be a central heating system installed. All suits, which have been designed for the two and three room type, will have connecting baths and wall beds. Tile will be used in the bath rooms. The exterior of the building will be covered with shingles and shakes. Plans are complete and figures are being taken.

HOSPITAL—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, John Baur, Clunie Bldg., S. F. Owners, Fabiola Hospital. The addition has been designed for a hydrotherapeutic department and will contain the most modern equipment in this line. Tile will be used extensively in the interior. There will be a central heating plant and elevator service. Interior finish will be of pine. The exterior of the building will be covered with shiplap and rustic. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$2,400. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house and will be finished in pine throughout. There will be an open fire place in the living room and a brick mantel. Oak floors will be used in the living and dining rooms. The bath will have tile wainscot and tile will also be used in the kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

SCHOOL GROUP—2 and 3 story and base, reinforced concrete, \$650,000. Oakland, Cal. Architect J. J. Donovan, Security Bank Bldg., Oakland Owners. City of Oakland. Plans for the Manual Training and Commercial High School have been approved by the Board of Education, and bids for the construction will be opened on April 21st. The buildings will be the most modern of any commercial and manual training school on the coast. Construction will be practically fireproof throughout. Plans and specifications can be secured from the architect after March 24th. A general contract, including plumbing and electric work will be let. Plans were prepared in three sections. Section A will be the administration part of the building, and will include a library, the principal's suite, an assembly hall with a gallery seating 1,500, teachers' lunch rooms, a kitchen and a band room, with practicing rooms. Section B will include sixteen class rooms, six teachers' rooms and commercial rooms, and in section C will be included the lecture rooms and a girls' gymnasium and shower baths, a housekeeping suite, with kitchen, bedroom living room and bath room, completely furnished and cared for by the girls. Cooking, sewing and other domestic sciences will be taught here. In the basement of the third section will be located the boys' gymnasium.

STORE ADDITIONS—Brick construction, \$10,000. Oakland, Cal. Architect Charles Mau, Macdonough Bldg., Oakland. Owners, Hansen and Kahler. This work will consist of new interior

finish, new store fixtures, plumbing and electric work. The exterior of the building will also be considerably altered. Plans are complete and figures are being taken for the work by the architect.

STORES AND OFFICES—7 story and base. Class B construction, \$200,000. Oakland, Cal. Architects, Milwain Bros, Delger Bldg., Oakland. Owners, Daizel Estate. This building was mentioned in these columns some months ago when the architects were first commissioned to prepare plans. The structure will be erected on 15th street, between San Pablo and Clay streets, and will be one of the most modern commercial structures of Oakland. A number of stories will occupy the first floor and upper floors will be arranged for offices, both ensuite and single. Mechanical plans include steam heat, elevator service, vacuum cleaning system and mail chutes. Hardwood and tile will be used for interior finish. Interior partitions will be of metal lath and plaster. Metal window frames and sash are specified. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken. Bids will close on March 29th.

Building Contracts Awarded. Oakland.

822	Chappin	Chappin	400
823	McNeill	McNeill	400
824	United Cigars	Samuels	400
825	Koenig	Ok Bldg	1600
828	Beals	Oakes	3500
829	Scheelk	Scheelk	1600
837	Hall	Wara	2850
838	Dalton	Dalton	500
840	Althausen	Muncy	450
841	Barnard	Kulchar	500
842	Ok Jewelery	Kulchar	500
843	Nowack	Nowack	400
844	Phillips	Dickie	400
845	Phillips	Deike	400
846	Phillips	Deike	400
847	Dalton	Sly	16500
848	Collins	Collins	3000
849	Neary	Neary	2500
850	Pftrang	Pftrang	3500
851	Muzzi	Broadway	1800
852	Davis	Bernhardt	1000
853	Neary	Neary	2500
854	Weber	Gassia	1100
855	Grant	Bruce	1000
856	Carlsen	Culver	400
857	Lewis	Dingo	2500
858	Sail	Lewis	1500
859	Fosen	Olsen	10000
860	Mitchell	Jespersen	2500
861	Wood	Gitchell	45000
865	Kujawa	Plettner	2000
866	Hedern	Hedern	1000
867	Owen	Blake	12000
868	Pites	Moresen	2480
869	Anderson	Knight	1870
871	Armanino	Almquist	1800
872	Kerrigan	Kerrigan	2500
873	Murphy	Murphy	2200
874	Hubb	Hubb	1500
875	Schnoor	Schnoor	3000
877	Oppenheim	Inter-City	4500
878	Price	Price	2500
879	Peck	Olsen	10000
881	Union Ice	Whitney	4200
882	McLean	McLean	550
883	Wm Lm Bldrs	Owner	1600
884	Deix	Webster	2070
885	Chapman	Kulchar	1500
886	Coit	Coit	2500
887	Warner	Warner	1500
888	Sully	Hubbalt	500
890	Peck	Gesselt	2070
891	Wright	Wright	2070
895	Coit	Sommastrom	20000
896	Barckoff	Barckoff	2000
899	Coit	Mig	1800
900	Kennedy	Stevens	2500
909	Rt ertson	Owner	1800
905	Coroner	Schneely	450
906	Edwards	Loughland	400
907	Leckie	Mazurkewicz	2000
908	Walker	Tone	400
909	Sonnenen	Owner	400
910	Wright	Tolson	2000
911	Wilson	Wilson	2000
912	Thom	United Bldrs	2000

912	Same	Same	2500
912	Same	Same	2600

(Correction in Owner's Name).
(804) NW COR. CAMPBELL AND Eleventh, Oakland. All work except painting for alterations and additions to dwelling.
Owner.....F. A. and M. A. Limery, Oakland.

Architect.....None.
Contractor.....Hurbitt & Holland, 541 E 16th, Oakland.

Filed Mar. 14, '12. Dated Feb. —.
Ready for plasterin..... 25%
Plastering completed..... 25%
Completed and accepted..... 25%
Usual 35 days..... 25%
TOTAL COST, \$1300

Bond, \$695. Surety, Southwestern Surety Insurance Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(Correction)
(700) W SIXTY-FOURTH AVE 200 N Fairview Way being Lot 6 Bk 18 Havenscourt, Oakland. All work for dwelling.

Owner.....J. G. Venzke, 3334 E-10th Oakland.

Architect.....None.
Contractor.....Angus J. Bellefontaine, 67th Ave and Flora, Okd.

Filed Mar. 8, '13. Dated Feb. 26, '13.
Framed.....\$70
White coat plaster on..... 80
Completed..... 80
TOTAL COST, \$230

Bond, limit, forfeit, plans and specifications, none.

(822) S FIFTY-FIRST 5 E Lawtor Oakland. One-story 3-room dwlg.

Owner.....G. Chappin, Oakland.
Architect.....None.

Day's work. COST, \$40

(823) NO. 1512 THIRTEENTH AVE Oakland. Alterations.

Owner.....A. G. McNeill, 1424 9th Av Oakland.

Architect.....None.
Day's work. COST, \$40

(824) SW ELEVENTH AND BROAD way, Oakland. Roof repairs.

Owner.....United Cigar Store Co Premises.

Architect.....None.
Contractor.....H. D. Samuels Co., 163 Telegraph Ave., Oakland.

COST, \$40

(825) E FAIRFAX AVE 100 N 55 Ave., Oakland. One-story 5-room dwelling.

Owner.....Louise M. Koenig, 4 Oakland Ave., Oakland.

Architect.....None.
Contractor.....Oakland Bldg. & Inv. Co Bacon Bldg., Oakland.

COST, \$16

(828) N EVANS AVE 200 N Evere Oakland. Two-story 7-room dwlg.

Owner.....H. D. Beals, 1225 E-25 Oakland.

Architect.....None.
Contractor.....W. H. Oakes, 4341 Cla Ave., Oakland.

COST, \$30

(829) W SEVENTY-FIFTH AVE E-11th, Oakland. One-story 11-room dwelling.

Owner.....Claude Scheelk, 1715 Telegraph Ave., Oakland.

Architect.....None.
Day's work. COST, \$1

7) W CASTRO 55 N 14th W 80xN
Oakland. Plumbing for three-
story and basement frame apartment
house.

Owner.....Mrs. E. Hall, Rio Vista
Rancho, Riverside, Cal., by
A. Peterson, General Con-
tractor, Berkeley.
Architect...Thomas & Oliver, Pan-
tanges Bldg., Oakland.
Contractor...Geo. A. Wara, 2822A 21st,
San Francisco.

Filed Mar. 17, '13. Dated Mar. 17, '13.
Roughing in completed.....\$1075
Completed and accepted..... 525
Building completed & accepted 325
Usual 25 days..... 725
TOTAL COST, \$2850

Hand, limit, forfeit, none. Plans and
specifications, none.

8) NO. 809 JACKSON, Oakland.
Alterations.
Owner.....Ellenor M. Dalton, 845 Jack-
son, Oakland.

Architect...None.
Day's work.....

COST, \$500

9) SE FIFTY-SIXTH AND SAN
Ablo Ave., Oakland. Corrugated
on repair shop
Owner.....Althaus & Muncy, 1095
56th, Oakland.

Architect...None.
Day's work.....

COST, \$450

10) NO. 1024 WASHINGTON, Oak-
land. Alterations.

Owner.....Barnard & Haines, Prem.
Architect...None.
Contractor...S. Kulchar & Co., 518 4th,
Oakland.

COST, \$500

11) SE ELEVENTH & WASHING-
ton, Oakland. Alterations.

Owner.....Oakland Jewelry Co., Prem.
Architect...None.
Contractor...S. Kulchar & Co., 518 4th,
Oakland.

COST, \$500

12) E WILLOW 58 N Chase, Oak-
land. Alterations.

Owner.....O. Nowack, 1755 8th, Okd.
Architect...None.
Day's work.....

COST, \$400

13) W FIFTY-FIRST AVE 150 S
Licksburg, Oakland. Two-story 3-
room building (wood and coal yard.)
Owner.....M. B. Neely, 1126 E-15th,
Oakland.

Architect...None.
Contractor...Newquist & Dickie,

COST, \$600

14) N WILLOW 60 S 12th, Oakland.
Alterations.

Owner.....B. D. Phillips.
Architect...None.
Contractor...G. Deike, 1802 15th, Okd.

COST, \$450

15) S ELEVENTH 200 E Pine, Oak-
land. Alterations.

Owner.....B. D. Phillips.
Architect...None.
Contractor...G. Deike, 1802 15th, Okd.

COST, \$400

16) W JACKSON 50 N 8th, Oakland.
Three-story 48-room apartments.

Owner.....Ellenor M. Dalton, 845
Jackson, Oakland.
Architect...None.
Contractor...Carl Sly.

COST, \$16,500

17) W WALKER AVE 250 E Lake
Park Ave., Oakland. One and one-

half-story 7-room dwelling.

Owner.....Collins Bros., 825 57th, Okd
Architect...None.
Day's work.....

COST, \$3000

(849) S MATHER 80 W View, Oak-
land. One-story 5-room dwelling.

Owner.....Wm. F. Neary, 1512 Broad-
way, Oakland.
Architect...None.
Day's work.....

COST, \$2500

(850) N OCEAN VIEW DRIVE 300 W
Broadway. Two-story 8-room dwlg.

Owner.....C. J. Pfrang, 5487 Clare-
mont Ave., Oakland.
Architect...None.
Day's work.....

COST, \$3500

(851) S ELMWOOD 100 SE Derby
Ave., Oakland. One-story 5-room
dwelling.

Owner.....F. Muzzi, Oakland.
Architect...None.
Contractor...H. Broadway, 2511 34th
Ave., Oakland.

COST, \$1800

(852) N LAWRENCE 290 E Baker
Ave., Oakland. One-story 5-room
dwelling.

Owner.....F. H. Davis, Oakland.
Architect...None.
Contractor...J. Bernhardt, 6257 Law-
rence, Oakland.

COST, \$1000

(853) S MATHER 120 W View, Oak-
land. One-story 5-room dwelling.

Owner.....Wm. F. Neary, 1512 Broad-
way, Oakland.
Architect...None.
Day's work.....

COST, \$2500

(854) NO. 4298 TELEGRAPH AVE.,
Oakland. Frame bakery and brick
oven.

Owner.....Mrs. K. Weber, 4294 Tele-
graph Ave., Oakland.
Architect...None.
Contractor...Joe Gassia, 110 Alta, S. F.

COST, \$1100

(855) N E-FOURTEENTH 66 E 4th
Ave., Oakland. Two-story 12-room
flat.

Owner.....Margaret M. Grant, 410 E-
14th, Oakland.
Architect...None.
Contractor...J. C. Bruce, 2201 42nd Ave.
Oakland.

COST, \$5000

(856) S WARNER 150 E Birch Ave.,
Oakland. One-story 3-room dwelling

Owner.....Jno. M. Carlsen.
Architect...None.
Contractor...E. E. Culver.

COST, \$400

(857) E ANESON 180 N E-14th, Oak-
land. One and one-half-story five-
room dwelling.

Owner.....Lewis & Mitchell, 1520
Broadway, Oakland.
Architect...None.
Contractor...Jespersen & Dippe, 878
54th, Oakland.

COST \$2500

(858) N QUIGLEY 75 E Charles, Oak-
land. One and one-half-story five-
room dwelling.

Owner.....Mrs. Addie Seal, S. F.
Architect...None.
Contractor...G. H. Lewis, 3756 Franklin
Ave., Oakland.

COST, \$1500

(859) SE E-SIXTEENTH AND THIRD
Ave., Oakland. Two-story 20-room
apartments.

Owner.....Jno. J. Fosen.
Architect...None.
Contractor...Edward Olsen, 29 Westall
Ave., Oakland.

COST, \$10,000

(860) W ANSEON 180 N E-14th, Oak-
land. One and one-half-story five-
room dwelling.

Owner.....Lewis & Mitchell, 1520
Broadway, Oakland.
Architect...None.
Contractor...Jespersen & Dippe, 878
54th, Oakland.

COST, \$2500

(861) SW TWENTY-NINTH AND
Grove, Oakland. Two-story flats and
store.

Owner.....Al Wood, 2840 Grove, Okd.
Architect...M. L. Newsom, 512 Broad-
way, Oakland.
Contractor...S. W. Gitcheil, 670 29th,
Oakland.

COST, \$4500

(862) N WENTWORTH AVE 120 W
Fairfax Ave., Oakland. One-story 5-
room dwelling.

Owner.....J. E. Kujawa, 954 Fruit-
vale Ave., Oakland.
Architect...None.
Contractor...H. A. Plettnier, 954 Fruit-
vale Ave., Oakland.

COST, \$2000

(866) W FORTY-EIGHTH AVE 200 N
Melrose Ave., Oakland. Addition.

Owner.....O. C. Heeden, 2153 48th
Ave., Oakland.
Architect...None.
Day's work.....

COST, \$1000

(867) W ALICE 870 N 12th N 94½xW
150, Oakland. Plumbing, gas fitting
and steam heating for six-story and
basement brick apartments.

Owner.....J. W. Owen and C. J. Blake,
Oakland.
Architect...W. W. Dixon, 1844 5th Ave
Oakland.

COST, \$1000

Contractor...J. L. Blake, Oakland.
Filed Mar. 18, '13. Dated Mar. 18, '13.

Plumbing roughed to 2nd floor.....\$1500
Rough plumbing completed..... 1500
Rough plumbing passed & water,
gas and steam lines completed 3000
Completed and accepted..... 2000
Usual 25 days..... 3000

TOTAL COST, \$12,000

Bond, \$6000. Surety, U. S. Fidelity &
Guaranty Co. Limit, forfeit, none.
Plans and specifications filed.

(868) S NAVY AVE 203 E Broadway E
40xS 104, Oakland. All work for one
story six-room dwelling.

Owner.....Clayton M. and Hurdle M.
Pites, 626 58th, Oakland.
Architect...G. G. R. ed, 681 62nd Okd.
Contractor...Adolph Morgensen, 560 63d
Oakland.

Filed Mar. 18, '13. Dated Mar. 14, '13.

Frame up.....\$622
1st coat plaster on..... 622
Completed..... 622
Usual 25 days..... 622

TOTAL COST, \$2488

Hand, none. Limit, 60 days. Forfeit,
plans and specifications, none.

(869) No. 1020 TWENTY-EIGHTH
Oakland. All work for alterations of
dwelling into apartments.

Owner.....August Andersen Prem.
Architect...None.

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Contractor Harry C. Knight, 1725 Broadway, Oakland.

Filed Mar. 18, '13. Dated Feb. 24, '13.
Roof One-third
Walls in place, interior plastering
completed and 1st coat on ex-
terior One-third
Completed and accepted Balance
TOTAL COST, \$1850

Owner is to pay all bills upon written
order from the contractor.

Contractor to receive 10% when first
\$1400 has been paid, and 5% when bal-
ance has been paid.
Bond, limit, forfeit, none. Plans only
filed.

(871) NE FORTY-FIFTH AND MAR-
ket, Oakland. One-story 6-room dwlg.
Owner G. B. Armanino.
Architect None

Contractor A. W. Almquist, 464 43rd,
Oakland.
COST, \$1800

(872) NW NAVY AND GREY, Oakland
One-story 6-room dwelling.

Owner Wm. H. Kerrigan, 5153
Shafter Ave., Oakland
Architect Newson & Dixon, 512
Broadway, Oakland.
Day's work. COST, \$2500

(873) E JAMES AVE 150 N Clifton,
Oakland. One-story 6-room dwlg.
Owner J. E. Murphy, 1823 Grove,
Oakland.
Architect None.

Day's work. COST, \$2200

(875) W CHURCH AVE 85 N Flora,
Oakland. One-story 4-room dwlg.

Owner Thos. Rudd, 1215 69th Ave.,
Oakland.
Architect None.
Day's work. COST, \$1500

(876) W CLAREMONT AVE 450 N
Colby, Oakland. Two-story six-room
dwelling.

Owner Paul Schmoor, 5905 Clare-
mont, Oakland.
Architect Thomas & Oliver, Pan-
tages Bldg., Oakland.
Day's work. COST, \$3000

(877) BOULEVARD WAY 85 W Grand
Piedmont. Two-story dwelling.

Owner E. Oppenheim, Oakland.
Architect None.
Contractor Inter-Cities Home Bldrs.,
253 Bacon Bldg., Oakland.
COST, \$4500

(878) E ELSTON 225 S Hampel, Oak-
land. One-story 5-room dwelling.

Owner Price Bros., 498 Alcatraz
Ave., Oakland.
Architect None.
Day's work. COST, \$2500

(879) SE THIRD AVE AND SW E-
16th St along E-16th 100 SW 50 NV
100 NE 50, Oakland. All work for
two-story 20-room frame apartment
building.

Owner John J. Fosen, Oakland.
Architect None
Contractor Edward Olsen, 29 Westall
Ave., Oakland.
Filed Mar. 19, '13. Dated Mar. 17, '13.
Rough frame up \$2500
Roof on and 1st coat plaster on 2500
Completed and accepted 2500
Usual 35 days 2500
TOTAL COST, \$10,000

Bond, none. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

(880) NO. 9830 "B," Oakland. Altera-

tions.

Owner M. Nalty, Premises.

Architect None.

Contractor Hurlbut & Holland, 541 E-
16th, Oakland.
COST, \$500

(881) S PILBERT 225 N 22d, Oakland.

Two-story stable.
Owner Union Ice Co., 354 Pine,
San Francisco.
Architect None.

Contractor J. W. Williams, San Le-
andro, Cal.
COST, \$4300

(882) NO. 1201 TWENTY-NINTH AVE
Oakland. Alterations.

Owner John McLean, Premises.
Architect None.
Day's work. COST, \$550

(883) SE HOPKINS AND SHEFFIELD
Oakland. One-story 5-room dwlg.

Owner Western Union Home
Bldrs., Inc., 1617 Telegraph
Ave., Oakland.
Architect None.
Day's work. COST, \$1600

(884) SE THIRTY-EIGHTH AVE 325
SE Santa Rita, Oakland. One and one
half-story 6-room dwelling.

Owner Sadie Wilcox, S. F.
Architect John F. Haner, 3579 19th,
San Francisco.

Contractor T. L. Webster, 1975 Bush,
San Francisco.
COST, \$2070

(885) COR. TWENTY-SIXTH AND
Chestnut, Oakland. Office alterations

Owner Oakland Brewing & Malt-
ing Co., Premises
Architect None.

Contractor S. Kulchar & Co., 518 4th,
Oakland.
COST, \$500

(886) NW MANILA AND 51ST, Oak-
land. One-story 5-room dwelling.

Owner C. B. Coit, 1522 Broadway,
Oakland.
Architect Al. J. Mazurette, 1522
Broadway, Oakland.

Contractor Roger Coit, 1522 Broadway
Oakland.
COST, \$2500

(887) S LYON AVE 180 E Liese Ave.,
Oakland. One-story 5-room dwlg.

Owner May Warner, 1350 E-27th,
Oakland.
Architect None.

Contractor W. M. Warner 1350 E-27th
Oakland.
COST, \$1500

(890) LOT 104 Map Cherryland, Eden
Tp. All work for on-story frame
dwelling

Owner Robert I. Peck, Oakland.
Architect None.

Contractor Joseph H. Gossett, Bay-
ward.
Filed Mar. 20, '13. Dated Mar. 15, '13.

Frame up \$673 75
Plastering completed 673 75
Accepted 673 75
Usual 35 days 673 75

TOTAL COST, \$2695 00
Bond, \$1350. Sureties, M. C. Peterson
Jr. and L. B. Daingerfield. Limit, 80
days. Forfeit, \$250. Plans and specifi-
cations filed.

(891) E GILBERT 150 N Johns, Oak-
land. One and one-half-story 5-room
dwelling.

Owner S. S. Wright, 4311 Gilbert,
Oakland.
Architect W. H. Judson, Albany Bldg.,
Oakland.

Day's work. COST, \$2670

(895) NE GRAND & STRATEN AVE.
Oakland. Three-story 38-room
apartments.

Owner First Investment Co., 1522
Broadway, Oakland.

Architect A. J. Mazurette, 1522
Broadway, Oakland.

Contractor Sommarstrom Bros., 150
Alice, Oakland.
COST, \$20,000

(896) W SIXTY-FIFTH AVE 200 S
Arthur, Oakland. One-story 5-room
dwelling.

Owner C. Barkoff, 6509 Raymond,
Oakland.
Architect None.

Day's work. COST, \$2000

(899) PTN. PLOT "J" Map Rancho Las
Posetas, Containing 24 1/2 acres,
Murray Tp. All work for twenty
nine frame and galvanized iron
buildings.

Owner Coast Mfg. & Supply Co.,
1024 66th Ave., Oakland.

Architect None.
Contractor C. A. Bruce, Pleasanton.

Andrew Chesney, John Chesney and
Patrick and Mrs P. Doyle \$62

Mar. 20, 1913—SW POLHEMUS AVE
and Selby Lane 465 ft. on Selby
Lane and 660 on Polhemus Ave,
Fair Oaks. Fess System vs Louis
Stone and General Eng Co. \$37.

Filed Mar. 21, '13. Dated Mar. 21, '13.
1st of each month 750
Usual 35 days 250

TOTAL COST, \$18,81
Bond, \$9406. Surety, U. S. Fidelity &
guaranty Co. Limit, 90 days from Mar.
24. Forfeit, \$20. Plans and specifica-
tions filed.

(900) LOT 25 GRAND AVE TERRACE
Oakland. All work for one-story
and basement frame dwelling.

Owner L. J. Kennedy, 1333 Poplar
Oakland.
Architect None.

Contractor H. M. Swalley, 5214 Dove
Oakland.

Filed Mar. 21, '13. Dated Mar. 20, '13.
Roof boards on \$30
1st coat plaster on 80
Wood work completed 50
Usual 35 days 80

TOTAL COST, \$335
Bond, \$1790. Surety, Lily C. Baur,
gartner and Louis Monnet. Limit,
days from Mar. 24. Forfeit, none. Pla-
and specifications filed.

(902) W ROSEDALE AVE 440 N Ca-
rington, Oakland. One-story 5-room
dwelling.

Owner A. J. Robertson, 4080 Be-
levard Ave., Oakland
Architect None.

Day's work. COST, \$11

(903) NO. 258 FIFTY-NINTH, Oc-
land. Alterations.

Owner W. A. H. Connor, Preams
Architect None.

Contractor Schenckly, Hostrowser
Pedgrift, 1943 Broad-
Oakland.
COST, \$

(904) N GRAND AVE 100 E Perk
Oakland. Alterations.

Owner M. Goldwater, Premises
Architect None

Contractor Ino. Laughland, 515 Be-
vue, Oakland.
COST, \$

(5) NE ANSEON AVE AND E-14TH
Oakland. One-story office building.
Owner.....Lewis & Mitchell and Mc-
Henry & Kalsner, 1520
Broadway, Oakland.
Architect...None.
Contractor..A. J. Mazurette, 1522
Broadway, Oakland.
COST, \$600

(6) NO. 1645 TWENTY-FIRST AVE
Oakland. Alter and repair.
Owner.....H. L. Walker, 1030 E-16th,
Oakland.
Architect...None.
Contractor..Jones Bros., 5829 Lawton
Ave., Oakland.
COST, \$600

(7) NO. 1040 EIGHTY-NINTH AVE.,
Two-room addition.
Owner.....Chas. E. Sepponen, Prem.
Architect...None.
Day's work. COST, \$400

(8) E GILBERT 150 N Johns being
S ptn Lots 4 and 5 Blk "F" Highland
Terrace, Oakland. All work for one
and one-half-story 5-room dwelling.
Owner.....S. S. Wright, 4314 Gilbert,
Oakland.
Architect...W. H. Judson.
Contractor..W. H. Judson, Albany Bk.,
Oakland.

led Mar. 22, '13. Dated Mar. 15, '13.
Rough frame up.....\$515
Plumbing roughed in and plaster
rough coat completed..... 515
Completed and accepted..... 515
Usual 35 days..... 524
TOTAL COST, \$2069

ond, none. Limit, 75 days. Forfeit,
0. Plans and specifications filed.

(9) NE TENTH & CLAY, Oakland.
Seven-story brick and steel hotel.
Owner.....Durst Bros., San Francisco.
Architect...Clay N. Burrell, Albany
Block, Oakland.
Contractor..F. A. Muller, 663 61st, Okd.
COST, \$55,000

(10) E ACACIA AVE 300 S Ocean
View Drive Oakland. Two-story 9-
room dwelling.
Owner.....R. O. Wilson, 270 Lake
Shore Blvd., Oakland.
Architect...None.
Contractor..L. H. Williams, Cor. Glen
Ave and Eunice, Oakland.
COST, \$5,000

(11) E KINGSTON AVE 162 S Green-
bank, Piedmont. One and one-half-
story frame residence.
Owner.....Niel Thom Jr., Care Bay
Cities Water Co., S. F.
Architect...None.
Contractor..United Home Builders, 1762
Broadway, Oakland.
COST, \$2,600

(12) E KINGSTON AVE 121 S Green-
bank, Piedmont. One and one-half-
story frame residence.
Owner.....Niel Thom Jr., Care Bay
Cities Water Co., S. F.
Architect...None.
Contractor..United Home Builders, 1762
Broadway, Oakland.
COST, \$2,600

ABANDONMENT OF HOMESTEAD.

lar. 17, 1913—SE SECOND AV 257.93
NE Keith Ave., NE 40 SE 110 SW 40
NW 110, Okd. Thomas E and
Olivia F. Moat.....

Building Contracts Awarded.

Berkeley.

826	Johansen	.....Johansen	2500
827	Ritty Syndicate	.....Owner	1500
830	Ritty Syndicate	.....Owner	1800
831	Same	.....Same	1500
832	Same	.....Same	1800
833	Same	.....Same	1800
834	Same	.....Same	1500
835	Lasell	.....Anderson	1600
836	Bone	.....Weitzel	2000
839	Messerschmidt	.....Tessien	800
862	Werner	.....Werner	1500
863	Walsworth	.....Owner	500
864	King	.....King	1400
870	Keith	.....Keith	1500
874	Carlson	.....Carlson	1500
888	Lazarenk	.....Lazarenk	400
889	Babcock	.....Engler	5450
897	Jones	.....Bev	2000
898	Hains	.....Pfaff	2000

(826) N JAYNES 244 W McGee Ave.,
Berkeley. Two-story 6-room dwlg.
Owner.....G. Johansen, 1811 Rose,
Berkeley.

Architect...None.
Day's work. COST, \$2,500

(827) S VIRGINIA 220 E Short, Ber-
keley. One-story 5-room dwelling.
Owner.....Realty Syndicate, 1444
Broadway, Oakland.
Architect...None.
Day's work. COST, \$1,800

(830) S VIRGINIA 186 E Short, Ber-
keley. One-story 5-room dwelling.
Owner.....Realty Syndicate, 1444
Broadway, Oakland.

Architect...None.
Day's work. COST, \$1,800

(831) S VIRGINIA 50 E Short, Ber-
keley. One-story 5-room dwelling.
Owner.....Realty Syndicate, 1444
Broadway, Oakland.

Architect...None.
Day's work. COST, \$1,800

(832) S VIRGINIA 84 E Short, Ber-
keley. One-story 5-room dwelling.
Owner.....Realty Syndicate, 1444
Broadway, Oakland.

Architect...None.
Day's work. COST, \$1,800

(833) S VIRGINIA 152 E Short, Ber-
keley. One-story 5-room dwelling.
Owner.....Realty Syndicate, 1444
Broadway, Oakland.

Architect...None.
Day's work. COST, \$1,800

(834) S VIRGINIA 118 E Short, Ber-
keley. One-story 5-room dwelling.
Owner.....Realty Syndicate, 1444
Broadway, Oakland.

Architect...None.
Day's work. COST, \$1,800

(835) W COLLEGE AVE 200 N Rus-
sell, Berkeley. One-story 4-room
dwelling.

Owner.....F. L. Lasell, 2816 College
Ave., Berkeley.

Architect...Geo. Anderson, 5456 Col-
lege Ave., Berkeley.

Contractor..T. Anderson & Son, 5456
College Ave., Berkeley.

COST, \$1,600

(836) E GRANT 160 S Vine, Berkeley.
One-story 5-room dwelling.

Owner.....Mrs. Florence Bone, 1422
Bonita Ave., Berkeley.

Architect...None.
Contractor..John Weitzel, 1519 Grant,
Berkeley.

COST, \$2,000

(839) SE WOOLSEY AND ELIAS,
Berkeley. Alterations.
Owner.....C. J. Messerschmidt, 3129
Elms, Berkeley.

Architect...None.
Contractor..H. Tassien.

COST, \$800

(862) W DOHR 145 S Ward, Berkeley
One-story 5-room dwelling.

Owner.....Chas. A. Werner, 2416 10th,
Berkeley

Architect...None.
Day's work. COST, \$1,500

(863) NW GRAND AND DELAWARE,
Berkeley. One and one-half-story 5-
room dwelling. (second hand ma-
terial).

Owner.....S. L. Walworth, 1827
Hearst Ave., Berkeley.

Architect...None.
Days' work. COST, \$500

(864) S BLACKSTONE 155 W Baker,
Berkeley. One-story 5-room dwlg.
Owner.....E. King, 1412 Blackstone,
Berkeley.

Architect...None.
Day's work. COST, \$1,400

(870) S PRINCE 375 E California,
Berkeley. One and one-half-story
dwelling.

Owner.....Chas. B Keith, 1618 Prince,
Berkeley.

Architect...None.
Day's work. COST, \$2,000

(874) N PARKER 240 W McGee, Ber-
keley. One and one-half-story 6-
room dwelling.

Owner.....H. Carlson, 1708 Blake,
Berkeley.

Architect...None.
Day's work. COST, \$1,500

(888) W TENTH 1113 N Dwight Way
Berkeley. One-story 5-room dwlg.

Owner.....P. Lazarenk, Premises.
Architect...None.
Day's work. COST, \$400

(889) LOT 32 BLK 3, Berkeley Square
Berkeley. All work for two-story
frame dwelling.

Owner.....David T. Babcock, Bkly.
Architect...None.
Contractor..Louis Engler, 2728 Ben-
venue, Berkeley.

Filed Mar 20, '13. Dated Mar. 19, '13.
Frame up.....\$1362 50
Complete inside plastering..... 2000 00
Accepted..... 725 00
Usual 35 days..... 1362 50
TOTAL COST, \$5450 00

Bond, none. Limit, 140 days. Forfeit,
none. Plans and specifications filed.

(897) E HOLLY 105 S Buena Ave., Ber-
keley. One-story 5-room dwlg.

Owner.....Mary E. Jones, 2425 Prince
Berkeley.

Architect...None.
Contractor..Bevel & Jones, 2142½
Shattuck Ac., Berkeley.

COST, \$2,000

(898) SE MCGEE & LINCOLN, Ber-
keley. One-story 5-room dwelling.

Owner.....Geo. Hains.
Architect...None.
Contractor..Fred E. Pfaff, 1625 Grant,
Berkeley.

COST, \$2,000

Building Contracts Awarded

Alameda.

891	Hillen	.....Hillen	2000
892	Strang	.....Strang	2000
893	Bitter	.....Dufour	3500
901	Surf Beach	.....Owner	1000

(891) NO. 1529 SANTA CLARA AVE., Alameda. One-story dwelling. Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.

Architect...None.
Day's work. COST, \$2000

(892) NO. 1335 BURBANK, Alameda. One-story dwelling. Owner.....V. N. Strang, 2015 13th Ave., Oakland.

Architect...None.
Day's work. COST, \$2000

(893) NO. 1258 PARK AVE., Alameda. Two-story dwelling. Owner.....D. M. Etter, 843 Laurel, Alameda.

Architect...Wm. Dufour, 2322 Santa Clara Ave., Alameda.
Day's work. COST, \$3500

(901) CENTRAL AND SIXTH, Alameda. Additions and repairs. Owner.....Surf Beach Park Co., Surf Beach Park, Alameda.

Architect...None.
Day's work. COST, \$1000

Completion Notices.

Alameda.

Mar. 14, 1913—NW DALE PLACE & Minna Ave being Lot 13 Map Alameda Park, Okd. Gertrude Schuyler to whom it may concern. Mar. 2, 1913

Mar. 13, 1913—W HAWTHORNE Terrace 249 N Vine 50x—, Bkly. W S Perry to Louis Engler.....

.....Mar. 13, 1913
Mar. 14, 1913—NE 37.64 LOT 4 and SW 19.86 Lot 5 Bkly "A" map Flint Tract, Okd. Elizabeth G Rowe to Leard & Gates.....Mar. 1, 1913

Mar. 17, 1913—LOT 36 Map Ranges Lots 3 and 4 Hardy Tract, Bkly. Clara T Elliott to G F Estey.....

.....Mar. 15, 1913
Mar. 17, 1913—W TELEGRAPH AVE 100 S 16th S 130 NW 102.95 SW 102.44 N 130 NE 90 NW 5.72 NE 112.89 SE 74 SW 100 SE 100, Okd. Kahn Realty Co to Monarch Iron Works.....Mar. 7, 1913

Mar. 19, 1913—S CEDAR 33 ft. W McGee Ave W 41 1/2xS 100, Bkly. Thillie R Spear to Bevel & Jones.....Mar. 5, 1913

Mar. 21, 1913—S FORTY-SEVENTH 348 E Grove E 36xS 190, Okd. W J and Katherine Hearn to L S Lewis.....Mar. 21, 1913

Mar. 21, 1913—N AILEEN 33 W Dover W 33xN 99 2-3, Okd. James H Young to whom it may concern.....

.....Mar. 21, 1913
Mar. 21, 1913—S E-THIRTY-FIRST 99 ft. 11 in E 14th Ave SW 68 to pt of hwy SW 32 W 118 1/2 NE 32 1/2 SE 109 1-3, Okd. C E Charleston to whom it may concern.....Mar. 21, 1913

Mar. 20, 1913—NW COR. 5 ACRE TCT bought by Joseph Bassett from J G and W A Bray SW 513 1/2 NW 292 7-12 NE 459 5-12 SE 287 2-3, Okd. Little Sisters of the Poor of Oakland to Rulfsen Metal Window Works.....Mar. 18, 1913

Mar. 20, 1913—LINWOOD AVE NO. 3833, Oakland. Frank C Howe to Wallace & Berry.....Mar. 20, 1912

LIENS FILED

Alameda.

Mar. 6, 1913—W DEAKIN 250 N Ashby Ave N 50xW 135, Bkly. Anna R MacDonald (wf Simon O)....\$4000

Mar. 6, 1913—E WILLOW 87 S Railroad Ave S 28 E 125 S 45 E 25 N 100 W 35 S 27 W 115, Ala. Anna Vingerhoets\$2500

Mar. 7, 1913—LOTS 80 AND 81 BLK "C" Map Fruitvale Villa Tract, Okd. Anna Miller (widow)....\$3000

Mar. 8, 1913—NW PIEDMONT AVE 200 NE 41st NE 100 NW 125 SW 100 SE 125, Okd. Hogan Lumber Co vs Anna A Miller and C M Miller\$331.55

Mar. 10, 1913—N SIXTY-SIXTH 454.40 E Shattuck Ave E 35xN 102, Okd. Meriam Brackett (wf Nelson)....\$2500

Mar. 11, 1913—E BAY 1009 S San Antonio Ave S 46xE 150, Ala. H M Johnson\$5000

Mar. 14, 1913—W BRAY AVE 607.45 N E-14th W 130 from pt beg W 145 N 32 E 145 S 32, Okd. E K Wood Lumber Co vs J L Nunes and Alex McDonald\$431.38

Mar. 17, 1913—NE FRANKLIN AND 13th 40 1/2 on Franklin and 75 on 13th, Okd. F B Jones vs State Savings Bank\$98.25

Mar. 19, 1913—LOT 33 BLK 2 Map North Cragmont, Bkly. Pacific Mfg Co vs F M Rogers.....\$165

Mar. 20, 1913—LOT 31 BLK 3 Berkeley Square E Mendocino Ave, bet Los Angeles and Arlington Ave., Bkly. F R Peake vs C D and Edith S Mayer.....\$225.73

Mar. 20, 1913—NW TENTH AND Campbell facing Campbell, Okd. Gustav Thaler vs Mr and Mrs J Barlin\$80.60

SAN JOSE AND THE SANTA CLARA VALLEY.

BUNGALOW — 1 story and base, frame, \$2,000. San Jose, Santa Clara Co, Cal. Architect, none. Owner, R. E. Carter, 16th and Washington Sts., San Jose. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. Some oak floors will be used. There will be a large open fire place with brick or tile mantel in the living room. Tile will be used in the bath and kitchen. Exterior of the bungalow will be covered with rustic. Work will be done by Day Labor. Mr. C. Rasmussen, also of San Jose, is to commence work at once on a similar structure which will be erected on the north side of Acacia avenue, near San Jose street, at a cost of \$2,000. Other Day Labor jobs about to be started in San Jose are. Mrs. C. A. Reese, 802 Delmas Ave., six-room bungalow, \$1,000; J. A. Wagner, 32 So. 15th St., six-room bungalow, \$2,000; and E. D. Wells 445 No. 17th St., six-room bungalow, \$2,000.

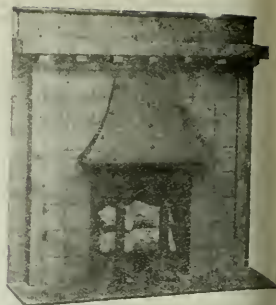
Building Contracts.

SANTA CLARA COUNTY.

NO. 399 S-FIFTEENTH, San Jose. Six-room cottage.

Owner.....J. A. Wagner, 32 S-16th St., San Jose.

Architect...None.
Day's work. COST, \$2000



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager
Mantels, Grates and Tiles. Fire Sets, and
Portable Baskets and Grates. Floor and
Wall Tiling in Original Designs.
1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone Oakland 9622

NO. 93 N-THIRTY-THIRD, San Jo.

Six-room bungalow.
Owner.....Mrs. C. A. Reese, 802 Delmas Ave. San Jose.

Architect...None.
Day's work. COST, \$10

W SEVENTEENTH, 4th Lot S of Empire, San Jose. Six-room cottage.
Owner.....E. D. Wells, 445 N-17th San Jose.

Architect...None.
Day's work. COST, \$20

NE MONTGOMERY & SANTA CLARA San Jose. Remodel and repair m
Owner.....S. H. Chase Lumber Co
Premises.

Architect...None.
Day's work. COST, \$10

NO. 185 E-SOUTH FERNANDO, San Jose. Remodel building (2 flats).
Owner.....Mrs. Eva B. Recar, Prev Architect...None.

Contractor...Geo. Callahan, 383 Giff Ave., San Jose.

.....COST, \$1

NOS. 162-172 S-MARKET, San Jose. i
model building.

Owner.....A. C. Kuhn, San Fill Road, San Jose.

Architect...None.
Day's work COST, \$

SW FIFTEENTH & MAGARET, San Jose. Frame barn.

Owner.....J. W. McClay, Evergreen
Architect...None.

Day's work. COST, \$

N WILLIAM, bet. 11th and White San Jose. Three-room bungalow

Owner.....J. W. Strandberg, 443 11th, San Jose.

Architect...None.
Day's work. COST, \$

SW CASTRO AND VILLA, Mountain View, Cal. All work for two-st

reinforced concrete and frame bui

Owner.....First National Bank Mountain View.

Architect...C. S. McKenzie, Bank San Jose, San Jose.

Contractor, W. H. Bates, Mountain View, Cal.
 led Mar. 14, '13. Dated Mar. 12, '13.
 Foundation completed \$2000
 Walls poured complete 2000
 Completed and accepted 2000
 Usual 35 days 2000
TOTAL COST, \$5000
 and, \$4000. Sureties, Lester Swall and S. Parkinson. Limit, 80 working days forfeit, none. Plans and specifications filed.

LOT 19 WASHINGTON SUB. of City of San Jose. All work for five-room bungalow.
 Owner, Emelle Krausch, San Jose.
 Architect, R. E. Carter, San Jose.
 Contractor, R. E. Carter, 149 W-San Carlos, San Jose.
 led Mar. 17, '13. Dated Mar. 15, '13.
 Frame up \$450
 Mortar on 450
 Building completed 450
 Usual 35 days 450
TOTAL COST, \$1800
 and, limit, forfeit, none. Specifications filed.

Building Contracts.

SAN MATEO COUNTY.

PTN. OF THE MEGES RANCH near Menlo Park. Grading, excavating, concrete, rock, brick work, plastering, lumber, mill work, metal, glazing, tile, hardware, canvas, shingles, etc., for two-story and basement frame residence.

Owner, Miss E. M. Warren.
 Architect, John White, 35 Montgomery, San Francisco.
 Contractor, John MacBain, Redwood City.

led Mar. 6, '13. Dated Mar. 5, '13
 Frame up \$6350
 Brown coat on 6350
 Completed and accepted 6350
 Usual 35 days 6350
TOTAL COST, \$25,400
 and, none. Limit, 125 days. Forfeit, none. Plans and specifications filed.

PARK ROAD, bet Burlingame and Howard Aves., Burlingame. All work for one-story frame club house.

Owner, Burlingame Women's Club Association.
 Architect, Ernest L. Norberg, 605 Howard Ave., Burlingame.

Contractor, E. Quagell.
 led Mar. 20, '13. Dated Mar. 17, '13.
 Frame up and roof sheathing in place \$900
 Frame enclosed and all roof laid 900
 Completed and accepted 900
 Usual 35 days 900
TOTAL COST, \$3600
 and, \$1800. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COUNTY ROAD adjoining St. Matthew's Church, San Mateo. Completion of heating in all rooms in south wing on third floor not covered by general contract.

Owner, St. Matthew's Red Cross Hospital Association.
 Architect, Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor, Thomas W. Alton, San Mateo.

led Mar. 7, '13. Dated Mar. 3, '13
 Progressive payments of 75%
 Usual 35 days 25%
TOTAL COST, \$2396

Bond, \$1638. Surety, Massachusetts Bonding & Insurance Co. Limit, May 15. Forfeit, none. Plans and specifications filed

LOT 3 BLK 30, San Carlos. All work except heating and electric fixtures for two-story frame dwelling.

Owner, A. Paulsen.
 Architect, Dunn & Kearns, Monadnock Bldg., S. F.
 Contractor, J. Witzelsberger, 126 Rousseau, San Francisco.

Filed Mar. 11, '13. Dated Mar. 7, '13.
 Frame up \$1723
 Brown coated 1724
 Completed and accepted 1724
 Usual 35 days 1724
TOTAL COST, \$5395
 Bond, none. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

LOT 5 BLK 5 Crocker Estate Tract Sub Div. No. 1, San Mateo. All work for one and one-half-story and basement frame dwelling.

Owner, Sarah A. Wiley, S. F.
 Architect, None
 Contractor, William F. Dreyer, 326 London, San Francisco.

Filed Mar. 19, '13. Dated Mar. 15, '13.
 Frame up and roof on \$375
 Brown coat on 375
 Completed and accepted 375
 Usual 35 days 375
TOTAL COST, \$1500
 Bond, \$750. Surety, American Surety Co of New York. Limit, 60 days. Forfeit, none. Plans and specifications filed

Completion Notices.

SAN MATEO COUNTY.

RECORDED ACCEPTED
 Mar. 3, 1913—ADJ. ST MATTHEW'S Church on County Road, San Mateo St. Matthew's Red Cross Hospital Association to Farrell & Reed.....

.....Mar. 1, 1913
 Mar. 5, 1913—LOTS 3 AND 4 BLK 25 Crocker Estate Tract Sub Div No. 1, Daly City. Harry Edson Prentice to whom it may concern.....Mar. 2, 1913
 Mar. 5, 1913—LOT 20 BLK 2 East San Mateo. Alice J. Coe field to P. McDonald.....Jan. 18, 1913
 Mar. 10, 1913—ROBLAR & SAN MATEO Aves, Hillsborough. San Mateo Polo Club to Cavanagh Bros.....Feb. 22, 1913
 Mar. 10, 1913—LOT 14 BLK 40 Lyon & Hoag Sub Div, Burlingame. Estelle M & Wm Nauman to Henry H Zwick.....Mar. 8, 1913
 Mar. 12, 1913—LOT 9 BLK 9 Burlingame Park. Charlie S and Sophie Ford to J H Rockingham.....Mar. 8, '13

Completion Notices.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
 Mar. 19, 1913—S BEAN AVE, Town of Los Gatos, Santa Clara Co., Cal. Roman Catholic Archbishop of S F to H Hooper.....Mar. 17, 1913

Liens Filed.

SAN MATEO COUNTY.

RECORDED AMOUNT
 Mar. 3, 1913—S SCHOOL 30 W Bruno Ave, Colma. T W McCartney, \$205; James H Daly, \$195; Lacey Bros, \$92.50 vs Andrew Chesney, John

Chesney and Patrick and Mrs P Doyle
 Mar. 5, 1913—S SCHOOL 30 W Bruno Ave, Colma. A L Stockton Lumber Co, \$733.55; McKee Bros, \$75; Carnavall Marble & Mosaic Co, \$70 Joseph H Wiekstrom, \$33 vs Andrew Chesney, John Chesney and Patrick and Mrs P Doyle.....
 Mar. 6, 1913—S SCHOOL 30 W Bruno Ave, Colma. Cumy's & Nygren vs

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL—2 story and base, brick, \$20,000. Richmond, Contra Costa Co., Cal. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, John Gerlack. This building has been mentioned here before when plans were first started. Working drawings are now complete and figures are being taken. The structure will cover an area of 40x90 feet. The first floor will be arranged for a public dining room, office, lobby and bar. Upper floors will contain about 40 rooms and several baths. Interior will be finished in pine. There will be a hot water system. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
 Mar. 19, 1913—LOT 39 BLK 51, City of Richmond. Harlod E Smith to whom it may concern.....Mar. 13, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

STORES—1 story and base, brick, \$10,000. Ceres, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owners, Clark and Service. The building will occupy the most important business corner in Ceres, and will cover an area of 70x90 feet. Plans provide for five modern stores, which will have plate glass windows and patent store fronts. Interiors will be finished in pine and some hardwood. Floor will be of cement. The exterior of the building will be faced with pressed brick. Considerable marble, tile and structural steel will be used. Plans are complete and figures are being taken.

LODGE HALL—2 story and base, brick, \$20,000. Taft, Kern Co., Cal. Architect, J. Saffell, Bakersfield. Owners, Taft Odd Fellows Hall Association. Plans for a building which is to be erected on Center street and containing two stores and a large lodge hall, banquet room and offices have been approved by the Building Committee, and bids will be called for at once. Interior finish will be of pine and hardwood. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Bids will be taken by the architect.

RESIDENCE — 2 story and base, frame, \$7,500. Oakdale, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Yosemite Theatre Bldg., Stockton. Owner, Arthur Letch. The dwelling has been designed to contain eight rooms, baths and sleeping porch. Interior will

Be finished in pine with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken by the architect.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$6,490. Fresno, Fresno Co., Cal. Architects, A. C. Swartz & Son, Fresno. Owner, Ralph Byxbee. Contractor, J. W. Brown, Fresno. Contract price, \$6,490.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, frame, \$10,000. Stockton, San Joaquin Co., Cal. Architect, Rae B. Wilson, San Joaquin Bldg., Stockton. Owners, Hawes and Dobson. The building will be arranged for a number of two and three room apartments all of which will have private baths and wall beds. Interior finish will be of pine throughout. There will be steam heat. The exterior of the building will be faced with rustic and shiplap. Plans are being prepared. Bids will be called for within a week or ten days.

FLAT ALTERATIONS—2 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, W. M. B. Thomas, San Joaquin Bldg., Stockton. Owner, F. H. Frederick, 825 East Lindsay St., Stockton. The present building will be raised and altered to contain four flats. Interior finish will be of pine and redwood. Open fire places will be used with tile or brick mantels. Tile will also be used in the bath rooms and kitchens. The work will include new exterior finish, plastering, plumbing, electric work and painting. The exterior of the building will be covered with rustic. Plans are complete and figures are being taken.

Building Contracts.

SACRAMENTO COUNTY.

N 85 FT. LOT 8, J, K, 14TH & 15TH Sts., Sacramento. Marble and tile for five-story and basement reinforced concrete apartment building. Owner.....Chauncey Dunn, Nicholas Bldg., Sacramento. Architect...Cuff & Diggs, Elks' Bldg., Sacramento. Contractor, Ransome Concrete Co., 328 J St., Sacramento. Sub-Contractor, H. P. Fischer (H. P. Fischer Tile Co.), 1340 E-Sonora St., Stockton. Filed Mar. 12, '13. Dated Mar. 8, '13. COST, \$1633

S ½ OF N ½ OF 5, K, L, THIRD AND Fourth Sts., Sacramento. Alterations to building. Owner.....Laura E. Laine. Architect...None. Contractor, G. L. Harvie. Filed Mar. 10, '13. Dated Mar. 8, '13. COST, \$2450

(Correction)

S ½ OF N ½ OF 5, K, L, SECOND AND Third Sts., Sacramento. Alterations to building. Owner.....Laura E. Laine

Architect...None. Contractor, G. L. Harvie. Filed Mar. 10, '13. Dated Mar. 8, '13. COST, \$2450

N 85 FT. LOT 8, J, K, 14TH AND 15TH Sts., Sacramento. Sheet metal for five-story and basement reinforced concrete apartment house. Owner.....Chauncey Dunn, Nicholas Bldg., Sacramento. Architect...Cuff & Diggs, Elks' Bldg., Sacramento. Contractor, Ransome Concrete Co., 328 J St., Sacramento. Sub-Contractor, Latourette-Fical Co., 2431 Sacramento Ave., Sacramento. Filed Mar. 17, '13. Dated Jan. 2, '13. COST, \$2000

E 50 FT. OF N 80 OF LOT 4, P, Q, 18TH AND 19th Sts., Sacramento. Four flat building and garage. Owner.....George M. Hignett, 1514 12th, Sacramento. Architect...None. Contractor, Frank P. Williams, 3117 7th Ave., Sacramento. Filed Mar. 13, '13. Dated Mar. 11, '13. COST, \$7589

NO. 1014 NINTH ST., Sacramento. Alter building. Owner.....Geo. J. Kromer and John Laureen (Kromer & Laureen), 2417 J St., Sacramento. Architect...Geo. C. Sellon, 1005 K St., Sacramento. Contractor, Iene Pendergast. Filed Mar. 13, '13. Dated Mar. 13, '13. COST, \$2900

Building Contracts.

SAN JOAQUIN COUNTY.

S 50 LOT 12 BLK 92 East, Stockton. Two-story frame building. Owner.....Miss M. G. Meehan, 629 S-Lindsay, Stockton. Architect...None. Day's work. COST, \$3500

W 47½ LOT 6 BLK 11 East, Stockton. Three-story brick building. Owner.....Botts & Brascresco. Architect...None. Day's work. COST, \$2200

LOT 9 BLK 60 West, Stockton. Frame building. Owner.....H. O. Camm, 344 W-Vine, Stockton. Architect...R. P. Morrell, 326-327 Yosemite Bldg., Stockton. Day's work. COST, \$2000

47½ FEET LOT NO. 6 BLK 11 East of Center Street, Stockton. All work for three-story and basement brick building with wood interior. Owner.....G. Botto and G. Brascresco. Architect...None. Contractor, Daniels & Green, 623 W-Park St., Stockton. Filed Mar. 18, '13. Dated Mar. 18, '13. Root on\$ 5500 Completed and accepted.....11000 Usual 35 days.....5500 TOTAL COST, \$22,000

Bond, \$11,000. Sureties, J. Mulcahy, Chris Totten and R. Brandt. Limit, 100 working days, Forfeit, none. Plans and specifications filed.

LOT 24 BLK 11, The Oaks, Stockton. One-story frame building.

Owner.....James A. Golden, 10 So. El Dorado, Stockton.

Architect...None. Day's work. COST, \$1000

S 40 FT. LOT 11 BLK 104 S M C, Stockton. Frame building. Owner.....F. P. Gayon. Architect...None. Day's work. COST, \$1000

LOT 4 BLK 191 E, Stockton. One-story frame building. Owner.....H. H. Walten, Stockton. Architect...None. Day's work. COST, \$1000

W 17.08 OF S 90 FT. LOT 12 AND 16.42 OF S 90 ft. of Lot 10, Stockton. One-story frame building. Owner.....A. L. Healey, 527 E-Anderson St., Stockton. Architect...None. Day's work. COST, \$1000

E 35½ OF S 90 FT. LOT 12 BLK S M C, Stockton. One-story frame building. Owner.....A. L. Healey, 527 E-Anderson St., Stockton. Architect...None. Day's work. COST, \$1000

Completion Notices.

SACRAMENTO COUNTY.

RECORDED. 1913—JEFFERY SHOPS, side of building (chimney). Western Pacific Railway Co. to The Weber Chimney Co.Mar. 8, 1913, 1913—N ¼ OF S, V, W, 22N and 23rd Sts., Sacramento. Josiah Harbison to Wm M KennedyMar. 13, 1913, 1913—LOTS 5, 6, 7, S, Q, 16th & 7th Sts., Sacramento. Sperr Flour Co. to W W Campbell and L TurnerMar. 13, 1913

LOS ANGELES AND SOUTHERN CALIFORNIA.

OIL BURNING SYSTEM—Cost stated. Fort Rosecrans, San Diego. Dept. U. S. A., Fort Rosecrans, Cal. C. A. Lehr officer in charge. Plans have been completed and bids will be opened April 7th for a complete oil burning system, including pipe line and burners for all buildings at this station. Plans and specifications can be obtained from Lieut. Lehr. The oil proposal appears in another column this issue.

APARTMENT HOUSE—4 story base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Edga Dorn, 1811 So. Main St., L. A. Owner, R. H. Raphael. The building will occupy a corner site and will cover area of 130x130 feet. The interior will be arranged for 52 apartments with consist of three, four and rooms each. There will be private baths and wall beds. Steam heat, radiator service, a vacuum cleaning system and hot water plant will be installed. Interior finish will be of tile and hardwoods. Tile and cement will be used in the bath rooms. Plan nearly complete and segregated will be called for shortly.

BANK AND OFFICES—12 story base. Class A construction, \$350,000. Los Angeles, Cal. Architects, W. L. Carlett & Son, Phelan Bldg., S. F. Title Insurance Bldg., L. A. Owner, W. L. Carlett & Son, Phelan Bldg., S. F.

Shants' Fireproof Building Co. The ground and mezzanine stories basement will be occupied by the Shants' National Bank. There will be 450 offices in the upper stories.

The building will be 120x156 feet and will have a central light court. It is of steel frame construction. The two stories will be faced with tile. Terra cotta will be used for the space above the granite on the Spring and Sixth street elevations and returns on the alley and north side. The alley wall and the north side above the second story will be faced with pressed brick. The central light court will have white enameled tile facing. There will also be terra cotta cornice, composition roofing, hollow tile and reinforced concrete floors, and studs and metal lath and plaster divisions throughout, suspended ceiling in the first, mezzanine and twelfth stories, ornamental staff work, marble sash and stairs, six elevators, hard tile trim, marble corridors, steel beams and marble stairs, plate glass windows on street fronts, metal frames of sash and wired glass on light fixtures and exposed sides, lavatory in office, toilets, plumbing, vacuum cleaning, electric wiring and fixtures, steam heating system, mail chutes, etc. The steel contract has been let to the W. H. Iron Works; granite to the Diamond Stone Co.; and excavating to the foundation to Weymouth Crowell. The general contract will be let in this week.

RIDGES—Reinforced concrete, \$50,000. San Bernardino, San Bernardino Cal. Engineer, County Engineer, San Bernardino. Owners, San Bernardino. The Board of Supervisors have been notified by the State Highway Commission to proceed with construction of a number of small bridges along the route of the State Highway in this county. Plans are being prepared by the County Surveyor. Plans will be ready for figures in a month.

JETTY WORK—Rock and concrete, \$10,000. Newport Beach, Orange Co., Engineer, City Engineer, Newport Beach. Owners, City of Newport Beach. Bonds are to be voted on within the next few weeks for the construction of a jetty at the entrance of Newport Bay. The Board of Trustees have secured preliminary plans and an estimate on the work, and no estimate will be lost in completing the project. Full particulars will be given in these columns as the work progresses.

HAFEL ADDITION—2 story and garage—1 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architects, Kysor & Gar, Wright and Callender Bldg., L. A. Owner, Charles E. Berghin. The building will have a frontage of 50 feet and a depth of 150 feet. A central floor will be used and metal window frames and sash. Special gasoline storage tanks will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

STORAGE—1 story and base, brick, Cost not stated. Los Angeles, Cal. Architect, Arthur L. Acker, 1127 Story St., L. A. Owner, J. W. Fowler. The building will be designed for a commercial garage and is to be 65x100 feet. A cement floor will be used. Special gasoline storage tanks are

specified. The interior of the building will be finished in pine. The exterior will be faced with pressed brick. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOTEL—3 story and base, Class C construction. Cost not stated. Los Angeles, Cal. Architect, F. H. Gentry, Pacific Electric Bldg., L. A. Owner, G. Bloom. The building will cover an area of 75x138 feet. The first floor will be arranged for the hotel entrance, lobby and office and a large store. Plans provide for 90 rooms on the upper floors and a number of baths. Interior finish will be of pine and hardwood. Hot water heater and steam heat will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

RESIDENCE—1 story and base, frame and concrete, \$55,000. Hollywood, Los Angeles Co., Cal. Architect, Franklin M. Small, 265 Broadway, New York. Owner, Adolph L. Bernheimer. The dwelling is to be designed in the Japanese style and will cover an area of 112x118 feet with a court 40x40 feet. Construction will be handled through the office of Architect Walter Weber, Ferguson Bldg., Los Angeles.

RESIDENCE—2 story, attic and base, frame and concrete, \$60,000. Los Angeles, Cal. Architects, Edelman & Barnett Blanchard Bldg., L. A. Owner, S. Aronson, H. W. Hellman Bldg., L. A. The dwelling will contain 15 rooms and 4 baths, and will cover an area of 72x86 feet. Interior will be finished in hardwood throughout. A central heating system will be installed. All bath rooms will be finished in tile. A number of special features will be introduced. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STORES AND LOFTS—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Morgan, Wallis & Morgan, Story Bldg., L. A. Owner, S. M. Newmark. The building will have a frontage of 50 feet and a depth of 152 feet. The first floor will be arranged for stores and upper floors for light lofts. There will be elevator service and steam heat. Metal window frames and sash will be used. Interior finish will be of pine throughout. Stores will have plate glass windows and patent fronts. The exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND OFFICES—2 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, E. W. Braun. The building will cover an area of 55x90 feet. The structure has been designed for the use of the United States Custom Appraisers, and will be handsomely finished in hardwood, marble and tile. There will be a central heating system. Exterior will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

STORES AND OFFICES—12 story and base, Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Wallis & Morgan, Story Bldg., L. A. Owner, W. G. Kerckhoff. The building will be erected on property adjoining the present Kerckhoff building, and will cover an area of 112x155 feet. Construction and architecture will be similar to the present

building. The new structure will be fireproof throughout. There will be a complete steel frame, exterior walls of brick and terra cotta, metal lath and plaster interior partitions and concrete floors. Plans will include steam heat, elevator service, vacuum cleaning and mail chutes. Plans will be prepared shortly and the work will probably be undertaken this year. Full particulars will be given in these columns later.

PORTLAND AND OREGON.

HOTEL—3 story and base, brick. Cost not stated. Portland, Ore. Architects, Bennes & Henricks, Henry Bldg., Portland. Owner, Otto W. Nelson. The building will be 50x95 feet. The first floor will be arranged for stores and the hotel entrance and lobby. Upper floors will contain a total of 90 rooms and a number of baths. There will be steam heat, hot and cold running water in all rooms and a vacuum cleaning system. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LAUNDRY—2 story and base, brick, \$80,000. Portland, Ore. Architect, Ellis F. Lawrence associated with W. G. Holford, Chamber of Commerce Bldg., Portland. Owners, Troy Laundry Co. The building, which is to be erected by the largest laundry company in Portland, will cover a ground area of 110x200 feet. Construction will be of the mill type with brick exterior walls faced with stock brick. A full basement will be excavated and the power plant will be placed in the basement. Several thousand dollars worth of special laundry machinery will be ordered. There will be metal window sash and frames. Concrete floors will be used. Plans are complete and figures will be called for at once.

CITY HALL—2 story and base, brick and concrete, \$20,000. Newberg, Ore. Architect, E. E. McLaren, Lumber Exchange Bldg., Portland. Owners, Town of Newberg. Plans have been approved for the construction of a City Hall building covering an area of 80x96 feet. The structure will house the fire and police departments, Mayor, City Clerk, Treasurer and other city officials. A large council room will occupy the greater portion of the second floor. Interior finish will be of pine throughout. There will be steam heat. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—2 story and base, brick, \$40,000. Eugene, Ore. Architects, Vincent, Russell & Pruse, Eugene. The building will be arranged for a number of modern two and three room suits all of which will be equipped with wall beds. There will be private bath rooms, steam heat and a vacuum cleaning system. Baths will be finished in tile and will have cement floors. The interior of the building will be finished in pine with some hardwood floors. Exterior will be faced with pressed brick. Plans are being prepared.

BASE, BRICK AND CONCRETE, \$15,000. PORTLAND, ORE. ARCHITECTS, JACOBSON & SMITH, BOARD OF TRADE BLDG. PORTLAND. OWNERS, PORTLAND EATERS. THE BUILDING WILL BE IN THE NATURE OF AN ADDITION TO THE PRESENT CHAPEL AND WILL BE

of mill construction with a concrete foundation. Interior finish will be of pine throughout. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick and concrete, \$25,000. La Grande, Ore. Architect, John L. Slater, La Grande. Owners, La Grande School District. The building will cover an area of 94x63 feet, and will be arranged for eight class rooms. Interior will be finished in pine throughout. Some maple floors will be used. A central heating system and modern ventilation will be installed. The exterior will be faced with pressed brick. Plans will be completed and bids will be called for by April 1st.

SCHOOLS—2, 2 story and base, reinforced concrete, \$75,000 each. Portland, Ore. Architect, F. A. Naramore, Supt. of School Properties, Portland. Owners, City of Portland. Plans for two new buildings are complete and figures are being taken.

The Hoffman school, which will be a two-story, fireproof structure, will be of reinforced concrete construction, with eight class rooms, a boiler and fan room. The site for this building is located at East 59th and Powell Valley Road.

The Kenton school will be located on the corner of Lombard and Findley streets, and will have only six class rooms, an assembly room and boiler room.

Both structures will be of the same type of architecture and Mr. Naramore stated that all the latest and most modern conveniences used in school buildings will be installed in these structures.

WATER SYSTEM—\$100,000. Linton, Ore. Engineer, Lewis Kelsey, Portland. Owners, City of Linton. Plans are complete and have been approved for the construction of a municipal water system. Bids will be called for early in April. Plans and full particulars can be secured from either the City Clerk or from the Engineer.

Contracts Awarded.

COLD STORAGE PLANT—2 story and base, brick and concrete, \$25,000. Springfield, Ore. Architect, none. Owners, Weinhardt Ice and Cold Storage Co. Contractor, A. Lombard, Eugene. Contract price, \$25,000.

SEATTLE AND WASHINGTON.

SCHOOL—3 story and base, stone and concrete, \$300,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, City of Tacoma. The structure will occupy a whole city block, and has been designed for a manual training and high school. There will be accommodations for 1,500 pupils. Plans include two swimming tanks, a complete gymnasium, domestic science departments and manual training rooms. There will be a central heating system, three boilers and five fans. Metal window frames and sash are specified. The exterior of the building will be faced with stone and pressed brick. Plans are complete and figures are being taken. Bids will be opened on April 15th.

BRIDGE—Steel and concrete, \$95,000. Aberdeen, Wash. Engineer, City

Engineer, Aberdeen. Owners, City of Aberdeen. Bonds to the amount of \$85,000 have been voted for the construction of a steel bridge over the Washkah River at this point. Plans will be completed as rapidly as possible and bids will be called.

SEAMEN'S HOME—7 story and base, reinforced concrete, \$100,000. Vancouver, B. C. Architects, Hoyer & Archer, 207 Hastings W. Vancouver. Owner, Robert F. Scott Memorial Seamen's Home. The building will be erected on a lot 50x85 feet, and will be arranged for a large number of sleeping rooms, baths, large reading and social rooms, office and billiard room. The plans provide for steam heat, elevator service and other modern conveniences. Interior will be finished in pine throughout. Tile will be used in the bath rooms. The exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for at once.

RAILROAD CONSTRUCTION—\$1,000,000. Seattle to Sumas, Wash. Engineers, Engineering Dept. Northern Pacific R. R. Co., St. Paul, Minn. Owners, Northern Pacific R. R. Co. Bids are now being taken for the reconstruction of the company's road from Seattle to Sumas. Those who will bid are: Grant Smith & Co., Henry Bldg., Seattle; Twolby Bros., Wells Fargo Bldg., Spokane; Porter Bros., Railway Exchange Bldg., Portland; and Sims & Cray of St. Paul. Representatives of the above are registered at the Butler Hotel, Seattle.

SCHOOL—2 story and base, reinforced concrete, \$90,000. Hoquiam, Wash. Architects, Stephen & Stephen, New York Bldg., Seattle. Owners, Hoquiam School District. Plans for this building have been completed for some time, but bonds for the construction were not voted until recently. Final plans and specifications have received the approval of the School Board, and bids will probably be called for not later than April 1st. The building will contain fourteen class rooms, principal's offices, teachers' rooms and a large auditorium. There will be steam heat. The exterior of the building will be faced with cement plaster.

BANK—2 story and base, reinforced concrete, \$25,000. Kalama, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owner's name withheld. The building will be devoted to the exclusive use of the bank. Interior finish will be of hardwoods, marble, tile and ornamental plaster. There will be special bank fixtures and both coin and safe deposit vaults. Construction will be fire proof throughout. A central heating system will be installed. Besides the work space and public room there will be a private office for the president and a directors' room. The exterior of the building will be special bank fixtures and both plans are being prepared.

GARAGE—2 story and base, reinforced concrete, \$50,000. Seattle, Wash. Engineer, John M. Baird, White Bldg., Seattle. Owner, R. H. Gray. The building will cover an area of 65x120 feet, and has been designed for a commercial garage. Front portion of the first floor will be fitted up for a sales room and offices. Rear of the first floor and the basement will be used for storage purposes. A completely equipped machine shop and repair department will be located on the second

and third floors. Concrete floor on the first floor and basement. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are being prepared.

SCHOOL—2 story and base, brick, \$35,000. Pullman, Wash. Architect, William Swain, Pullman. Owners, Pullman School District. The Board of School Trustees have just selected the plans prepared by Architect Swain for a two story, eight room building. Interior finish will be of pine and hardwood with maple floors. A steam heating system will be installed. There will be program clocks and special ventilation. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

SEWER CONSTRUCTION—\$40,000. Charleston, Wash. Engineer, City Engineer, Charleston. Owners, City of Charleston. Contractor, L. L. Lent, Bremerton. Contract price, \$7,201.

STORES AND OFFICES—2 story and base reinforced concrete, \$25,000. Hoquiam, Wash. Architect not stated. Owner, A. S. Hodgdon. Contractor, Edward Hannan, 1928 6th Ave., West, Seattle. Contract price, \$25,000.

COURT HOUSE—2 story and base, reinforced concrete, \$50,000. Chinook, Mont. Architect's name not given. Owners, Chouteau County. Contractors, Lease & Richards, Harve, Mont., general construction. Contract price, \$42,896.75.

LIBRARY—1 story and base, concrete and brick, \$10,000. Auburn, Wash. Architect, David J. Meyer, Central Bldg., Seattle. Owners, Town of Auburn. Contractor, F. L. Berner, Auburn. Contract price, \$10,000.

LIBRARY—1 story and base, reinforced concrete, \$10,500. Port Townsend, Wash. Architects, C. Lewis Wilson & Co., Northern Bank Bldg., Seattle. Owners, Town of Port Townsend. Contractors, A. F. Mowatt & Co., Seattle. Contract price, \$10,630.

CONSTITUTIONAL SENSE.

It is all good—what Judge Bradley C. Sargent of the Superior Court of San Francisco said of the law, the constitution and the common sense of the people.

The case before the judge involved the constitutionality of an ordinance limiting the hours of work and conditions of work in laundries. The judge upheld the ordinance.

The constitutional bugaboo has reached its limit, he said.

That is constitutional which is best for society, the judge declared.

Men who are themselves in contact with life, he said, and who represent in the legislature the people who are in contact with life are better qualified to determine what is best for society than are judges who do not touch the conditions of life and labor.

A contract of killing labor or of injurious labor forced by the necessities of the worker is not a free contract. The protection of men and women from entering such contracts is not a violation of the constitutional right of individual liberty and freedom of contract, the judge ruled.

Yes; it is all good. It might well be printed in big letters and framed and hung in the courtroom, every legislative hall and every schoolroom of the country.—Kansas City Star.

Honorary Committee For Big Exhibition.

Many Prominent People Will Act In
Advisory Capacity for Architectural
Club Exhibition.

Governor Johnson and Mrs. Johnson, Mayor Rolph and Mrs. Rolph, President David Starr Jordan, of Stanford University, and Mrs. Jordan; President Benjamin Ide Wheeler, of the University of California, and Mrs. Wheeler; William H. Crocker, Leon Sloss and Mrs. Sloss, John S. Drum and Mrs. Drum, John Martin and Mrs. Martin, Senator Francis J. Newlands have accepted an invitation to act as an honorary committee, to act in an advisory capacity in connection with the 15th Exhibition of the San Francisco Architectural Club, which will be held in the Hale Building, Fifth and Market streets, March 22 to April 5.

Admission to this exhibition will be free to the public from 10 A. M. to 10 P. M. every day except March 22, when it will be by invitation only, to the members of the press and club members.

Exhibits are arriving daily, from the East and abroad, as well as from the Pacific Coast, and are being rapidly installed under the supervision of W. B. Faville, Chairman of the Exhibition Committee and his colleagues.

Big Architectural Club Exhibition.

Drawings and Models for the Annual
Display Being Received From All
Parts of the World.

Exhibition Opened On March 24.

Designs for Panama-Pacific Ex-
position Will be Shown For the
First Time.

At the forthcoming exhibition of the San Francisco Architectural Club, which will be held from March 22 to April 5 on the fourth floor of the Hale Building, Fifth and Market streets, there will be the products of both the local chapter of the American Institute of Architects, which has headquarters in Washington, D. C., and the San Francisco atelier of the League of Pacific Coast architects, both of which organizations are working together for event.

In addition to the display from these bodies, there will be offerings from other architectural organizations and individual architects from all over the country, and from abroad as well. The exhibits are arriving daily and are being rapidly installed under personal supervision of W. B. Faville, chairman of the committee in charge. The Panama-Pacific International Exposition Company has detailed one of its employees to arrange the construction of models and drawings of the exposition, which the company has agreed for the occasion. Some of these models will be shown at the exhibition the first time.

The Club lays emphasis upon its designation that the exhibition shall

be made up entirely of high class designs, and to insure this an honorary committee has been invited to scrutinize the offerings. This committee is composed of prominent public officials, artists, and others competent to judge of the merits of the exhibits.

Seattle, Portland, Spokane, Tacoma, Denver, Salt Lake City, Los Angeles and San Diego are among the western cities that will be represented in the show, while New York, Chicago, Philadelphia, Washington, D. C., and a few foreign cities will send their quotas of exhibits.

The exhibition will be open from 10 A. M. to 10 P. M. every day beginning next Monday, March 24, with admission free to the public. The opening day, Saturday, March 22, admission will be by invitation only, from 2 to 5 P. M., and from 8 to 10 P. M., for the press and Club members.

The exhibition committee is composed of the following: W. B. Faville (chairman), G. W. Kelham, E. H. Hildebrand, August G. Headman, John Bakewell, Jr., Charles P. Weeks, Harry E. Nye, George Greenwood, Percy K. Simpson, Charles F. Pratt, Ed. F. Frick, Carl I. Warnecke, Edwin Flanders, Stanley Flawn, William Garren and H. A. Thomsen Jr.

Two New Buildings Result Of Leases.

Kern-Nellan Company Close Two Deals
Which Will Result In Erection of
Substantial Buildings.

Kern-Nellan Company, 316 Bush street, have recently made two important leases on buildings which are to be erected in the business section of the city. One of these leases covers a building which is to be erected in the north line of Mission street, between 4th and 5th streets. The structure will be a five-story and basement brick building to be erected on the property of Hiram B. Fisher. The first floor of the building will be arranged for two large stores besides the entrance to a hotel which is to occupy the upper four floors. Plans provide for a total of 72 rooms and a number of baths. There will be steam heat, elevator service and hot and cold running water in all rooms. The exterior will probably be faced with pressed brick. Plans are being prepared by Architect W. H. Weeks, 75 Post street.

The second lease of importance made by Kern-Nellan Company calls for the construction of a three-story and basement reinforced concrete store and hotel building at the northeast corner of Bush and Grant avenue, plans for which are being drawn by Architect Joseph Cahen, 45 Kearny street. There will be seven stores on the first floor and in the neighborhood of 50 modern hotel rooms on the upper floors. Louis Friedman is the owner of the property to be improved.

Leases on both of these buildings have been made for long terms and at rentals which insure the owners of the properties handsome returns on their investments.

TWENTY-FIVE STATES VOTE "YES."

The resolution proposing the constitutional amendment for the direct election of senators was fifty years in getting through Congress. In less than a year since it was submitted it has been ratified by the legislatures of twenty-five states. It has been rejected in only one state—Georgia.

The twenty-five ratifying states are:

Arizona,	New Hampshire,
Arkansas,	New York,
California,	North Carolina,
Colorado,	North Dakota,
Idaho,	Oregon,
Illinois,	South Dakota,
Iowa,	Texas,
Kansas,	Vermont,
Massachusetts,	Washington,
Michigan,	West Virginia,
Minnesota,	Wisconsin,
Montana,	Wyoming,
Nevada,	

The amendment is being blocked by special interests in New Mexico, Pennsylvania, Delaware and Rhode Island. New Jersey and Tennessee are expected to ratify soon. Action by Kentucky, Maryland, Mississippi and Maine is expected next year. The legislatures of Alabama, Florida, Kentucky, Louisiana, Maryland, Mississippi and Virginia are not now in session.

Prompt action by some of the states now hesitating would make possible the adoption of the amendment this year so that it could be effective in the election of senators in the general elections of 1914. Eleven more ratifications are needed.

The reports on the Mexican situation seem to indicate that big business had a hand in financing the revolution which resulted in the death of Madero and established the descendant of Diaz in the seat of astensible power in the Republic. Certain it is that Madero was not favorable to foreign capital as was Porfirio Diaz and so far as newspaper reports are concerned there seems to have been a revolution not among the common people at all but an intrigue of the military and aristocracy to place in control those who favored the moneyed interests that have heavy investments in that country.

The Maderists charge that the Pearson syndicate furnished 14 million dollars to finance the revolution. Jos. H. Wilkins has written a communication to the Bulletin in which he plainly infers that the Morgan interests and those interested in the Santa Cruz oil fields are responsible for the revolution. Wilkins has long been interested in mines in Mexico and is familiar with the situation down there. He is a man of marked ability and has been identified with the public institutions of California. He was for years owner and editor of the Marin County Times, published at San Rafael, and had a wide reputation throughout the State as an editorial writer. The Mexican situation still presents many uncertainties. The present government has thought to establish itself by assassinating the leaders who represented the other faction. Undoubtedly the big interests are with them. If the claim is true that the American Ambassador winked at the overthrow of the Maderist government and condoned the assassination of Madero there is no excuse for his action. American and foreign capital that has gone into

Mexico went in with its eyes open and knew the uncertainties of investments there. There is no excuse for this government interfering because some interests are threatened or the exploitation of oil fields is proposed to be curtailed.

It is said that if the alien land bills before the legislature pass that Japan will retaliate by refusing to participate in the Exposition or allow any of her countrymen so to do.

It is highly improbable that any such thing is contemplated or that the "official sources" from which the report emanated is any higher than the brain of the reporter that wrote the article. The alien land bill before the legislature has no more application to the Japanese than any other race. And it is certain the coming exposition will mean much to Japan. She will have a chance to advertise her products in a way she never had before. And the act of the California Legislature will in no way affect her treaty rights with this country.

If the alien land bills are correct they should be passed whether the Japanese exhibit or not. They should not be smothered until after the exposition and then passed. Nor should Japan take offense at laws passed which do not discriminate against them in particular and which do not violate any treaty obligation.

A FATAL SAWDUST EXPLOSION.

The falling of a bolt among the cutters on a machine for grinding sawdust in a box factory at Philadelphia is stated to have caused a shower of sparks which ignited the finely divided dust and caused an explosion which injured six employees and killed one. Explosions of this character are common in coal mines and they have occasionally occurred in flour mills and other industrial establishments where inflammable dust is generated.—Scientific American.

The redlight abatement measure has passed the Assembly and will no doubt become a law from all prospects. Whether this is a wise measure or not is a question upon which assemblymen differ and upon which the people generally differ in a great degree. This measure is based upon and follows the Iowa and Nebraska laws. The Sacramento Bee, which has gone to much trouble in the matter of investigating the subject, has reports from the editors of the principal papers of Iowa and Nebraska and also from the police departments of the same cities to the effect that these laws have only scattered the evil instead of lessening it. That it has increased disease and prevented any kind of regulation of the evil.

The white slave discussion has led to attempts to remedy this evil. That the redlight abatement act will help matters is a question of grave doubt. That it will not act a good deal like the abolition of the canteen in army posts is a question. The evidence seems to be against it. At the time Iowa Abatement Act and Injunction Law was passed, the Board of Commissioners of Washington, D. C., protested against it and said:

"The Commissioners do not believe that the method proposed by the bill

would eradicate the evil, but fear that, on the contrary, it would result in its distribution to points which are now free from it and correspondingly extending the area of its temptations, very much like a proposition to prevent the pollution of a river by closing up the mouths of the sewers."

One trouble of a measure of this kind is that it is not approached with impartial mind. Sentiment and inexperienced public opinion has much to do with it. Many Assemblymen voted against it on the ground that it was against their best judgment, but that their constituents demanded it. No doubt others did the same thing, but did not express themselves openly.

It is doubtful if this measure will prove of any benefit to California. The reports of the people best able to judge in the Agricultural States of Iowa and Nebraska show it to have been at most a very doubtful success there. It is less liable to succeed in a state like California and it is doubtful whether the fire will not be spread instead of smothered. Time will demonstrate the truth or fallacy of the argument when the facts are determined.

ARTIFICIAL MARBLE.

The following are directions for making artificial marble: 1. Burnt gypsum is saturated with a solution of lime in alum water, burnt again, ground finely, or rather pulverized, adding 1-12 by weight of the gypsum of alum; and cast in the mold. These harden very slowly, but attain the hardness and transparency of marble. Different pigments may be added to obtain different colored marbles. 2. Pieces of burnt gypsum, the size of a fist, are put for 3 hours in a 12 per cent solution of alum in water of a temperature of 85 to 104 degrees Fahr., burnt again, pulverized, adding 1-16 powdered alum, and lastly worked into molds with water containing 1-16 sal ammoniac for each part of gypsum. Castings made of this combination possess great hardness and brilliancy, and it may, therefore, be used for fine statues.—Neueste Erfindungen und Erfahrungen

COMMENT ON THE VICE COMMITTEE.

Lieutenant-Governor Wallace has turned down Dominick Beban and Senatorial courtesy, both at once, and was well justified in both turn-downs. When Beban introduced a resolution calling for the appointment of a certain committee, custom and courtesy dictated that he be made chairman of that committee. But when it became evident that Beban had not introduced the resolution in good faith, and that his purpose was to side-track moral legislation which he did not dare oppose, the Lieutenant-Governor was quite right in defying both custom and courtesy, and packing the committee against the Senator from the Barbary Coast district. The remainder of the Wallace committee was composed of absolutely the highest type of men in the Senate. The only "picking" there was consisted in putting aggressively decent men on a committee to investigate a resolution whose purpose was not in the interest of decency. The result was, of course, that the committee found it physically impossible to carry out Beban's obstructive investigation, but propose a later and constructive

one, which shall however not mean-time interfere with the consideration of bills intended to curtail the activities of some of Mr. Beban's constituents.—Fresno Republican.

The movement toward the City Beautiful and Art in Architecture has found expression in the California Legislature in a resolution presented by Assemblyman Bohnett. The purpose of the resolution is to elevate the standard of architecture, adornment and equipment of public buildings in California and provides for a commission of three members from each house besides a painter, a sculptor and a lawyer who are to report to the Governor before the next session of the Legislature on ways and means to artistically improve our public buildings.

The resolution states that: "California, with its rich heritage of climate and all inspiring scenery, is pregnant with an art that should rival ancient Greece and Italy," and is "entitled to the development of standards of architecture, sculpture and painting equal to if not better than those existing in the eastern and middle western sections of these United States."

That sounds sonorous both in sentiment and diction and it will at least call public attention to the artist's side of public buildings and tend to establish a sentiment and educational beauty in public as well as private buildings.

California leads the world in the production of oil. While the prices have not been such as to warrant the exploitation of untold fields and develop new country, the steady increase in proven districts has made the year 1911 outstrip all other years in the production of fuel oil. Not only did the production increase in 1912 over 1911 from 82,744,044 barrels to 90,074,439 barrels but an increased number of wells were in operation last year as against those in operation in 1911, the figures being December 31, 1912, 5,025; December 31, 1911, 5,138. The average production per well was greater by 1500 barrel in 1912 than in 1911.

This shows an increase in consumption of oil all over the country. The marked efficiency of oil as a fuel has become so well known that wherever practicable it has become the staple article. The increased production per well shows greater efficiency and the number of wells shows increase activity in the line.

The Midway field in Kern county leads in production, being credited by the California Derrick, a journal devoted to the oil industry, with 28.5 per cent of the total production for the year, or 25,948,980 barrels; Conanga is second with a percentage production of 21.70, or 19,548,122 barrel and Kern river third, with 13.82 per cent of the production, or 12,446,111 barrels.

The oil industry in California netted the state approximately \$41,000,000 for the year 1912, or more than \$10,000,000 above the yield of our gold mines.

These figures taken in conjunction with the marvelous increase in hydroelectric power places California in the front rank as a power producing state. Taking into consideration these facts and figures there is no reason why this should not become one of the foremost manufacturing states of the Union.

Issued Weekly, \$3.00 Per Year

Thirteenth Year, No. 13.

BUILDING AND INDUSTRIAL NEWS

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and Market Streets by John D. Spreckels.
Designed by Reid Bros., Architects, San
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New York City's Latest Skyscraper, The
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TUESDAY, APRIL 1, 1913.

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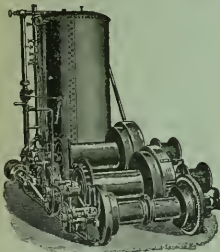
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Editorial Comment.

President Wilson has put his veto on dollar diplomacy insofar as the Chinese loan is concerned. So radical has been the change of the state department in this regard that the Assistant Secretary of State has offered his resignation. So far as the present administration is concerned it is evident that his resignation is acceptable. As any one wedded to the idea that the moneyed interests should control the world and have the support of governments to enforce their conditions is not likely to find favor with a man who appears to be as fair minded as President Wilson and certainly not with W. J. Bryan, the present Secretary of State. Taft and Knox and Wilson and Bryan are about as near opposite in many respects as it would be possible to find men. The attempt to saddle on the Chinese republic the six power loan would give these great banking houses the power to put on the screws on the new government and control trade and Commercial Situations. President Wilson has expressed his desire to have the loan made, but not with the consent of this government to enforce conditions that will control the revenues of the new republic and hinder its untrammelled development.

Mt. Tamalpais is to be the scene of a miracle play and part of Shakespeare's drama of As You Like It. No place in the world could furnish a more romantic setting or a stage of more wonderful scenic beauty than Marin County. It is expected to call attention to scenic beauty spots which lie at San Francisco's door and impress upon people the wonderful variety of panoramic views that can be had in a day's trip from San Francisco.

The recent exploration of the canyon of the Middle Fork of the Feather River has called attention to another of the scenic wonders of the State. Few realize that the Sierra Nevada Mountains are the "roof of the continent," and the highest mountains in the United States. Not only are they the highest but they are clothed with some of the greatest timber in the world and the open country and variety of vegetation gives them a variety of color and a scenic grandeur that is excelled nowhere in the world. The State is indeed a wonderland. It will always remain so and there will always be inaccessible places where only the hardy mountain climber will attempt to go and where only wild game will live.

The Chronicle is much concerned about the possibility of harm being done by a legislature of Progressive cranks. It enumerates a score of bills

that have apparently been introduced in good faith that have neither rhyme nor reason, sense or object in their construction. Perhaps there have been more freak bills than ordinary put in at this legislature. It is a question whether or not there will be any more passed.

There may be some that will be of doubtful benefit put through by over enthusiastic reformers. But there will not be legislation put through by political bosses as in the old regime and in all probability the freak legislation will be confined to narrow bounds.

And in this regard the proposition to exclude the sale of California wines from the exposition grounds seems to be striking at one of the great industries of the State. If wine booths or places where it could be sampled and only the best California vintages could be had were established it would serve to advertise this far famed industry of the State. Of course this would meet the objection of the prohibitionists who look upon wine as unmitigated evil and one of the devil's means of seduction. But for those who regard wine for what it is without religious or family prejudice, the fruit and flowers and wine of California are the distinctive products that made the State famed round the world. To prohibit wine at the exposition is to advertise a product that we admit ought to be prohibited in its use; that we are willing to sell to other people what we are unwilling to permit to be used at home.

Old Boreas seems to have been going on a wild rampage in the middle west. Wind uncontrolled has wrought havoc with the construction of man and cities have been leveled and forests and farms devastated in its path. That there was no ships of the air in its path is fortunate as in all probability they would have had to make record time getting away or would have been sailing along with an indiscriminate lot of bricks, wire fences, trees and grave-stones.

The tremendous velocity of the wind of these storms is something incredible. Strange havoc is wrought an incredible things performed. Trees are blown through stone walls, pine timber blown through standing trees and many things of similar nature performed.

No country is without its drawbacks. The great interior from the Gulf of Mexico to the Mackenzie river is subject to storms and tornadoes. The east has its bleak cold and storm. The Pacific Coast has its equable climate, but is subject to earthquakes. But considering the rarity of occurrence it is probable that the aggregate amount of loss by earthquake is far less than

that by storms. At any rate we who have gone through the biggest shake in the history of the west are willing to chance it against the storms and inclement weather of the less favored eastern states.

Safeguarding human life in building construction is being perfected through the liability laws that have been enacted and the increased risk of insurance companies. In the case of the construction of the Woolworth building, the largest and tallest office building in the world, the advanced ideas which underlie modern liability insurance were exemplified in an interesting manner, the inspection service being particularly worthy of mention.

"The insurance company that carried the liability kept two inspectors on duty continuously, and immediately upon noting a condition which was likely to result in an accident, they notified the proper foreman or superintendent, and saw that the danger was removed. Their recommendations were also reported to the office of the engineering and inspection division of the insurance company, and written copies were then sent to the contractors.

Patent scaffolds were used for the brick-laying throughout the work, and these were covered, so far as possible, with substantial wire-mesh roofs, to protect the men at work upon the platforms from tools and materials that might fall from above. The sides of all the scaffold platforms were also protected by guard rails and by wire-mesh screens. Substantial bridges for the protection of pedestrians and others were built over the sidewalks, and these were made stout enough to resist the impact of any material that might fall upon them. Platforms 20 feet wide were also built out from the building at four different heights, to catch any material that might fall, and prevent it from descending into the street. Wire-mesh screens were arranged along their outer edges to give still further security.

All the hoisting apparatus was examined frequently and thoroughly by expert elevator inspectors; employees were not allowed to ride on material hoists, and the maximum number of persons who might be permitted to ride on a passenger hoist was definitely specified in each case. All hoists, whether used for the transportation of men or materials, were covered overhead, to prevent accidents from falling objects. The hoist openings were effectively fenced, and were guarded by rails where the materials were loaded or unloaded. Openings in the floors were thoroughly guarded by rails or fences or otherwise. All stairways, whether temporary or permanent, were required to be rail-guarded. Proper lighting was insisted upon, particularly at work places, along gangways and passages, and at every other important point. Warning signs were put up at all dangerous places. Laborers engaged in cutting concrete and other similar substances were obliged to use chisels fitted with protective handles, so that their own hands would not be injured if the strikers should miss the heads of the chise's. An effective watch was kept for nails and other similar sharp metal points projecting from the wood-work or from loose planks or boards or elsewhere. These are prolific sources of injury, and the men were required

to remove them at once. First-aid cabinets were also provided, at the suggestion of the liability inspectors."

The construction of the Woolworth building was comparatively free from accident. It was not the result of chance, but of intelligent supervision. When the liability is definite and the responsibility is definitely fixed, then only do we get intelligent supervision. The state liability and industrial insurance laws are bringing this about. It is a problem before the present California Legislature and one in which they need the assistance of all parties interested.

The unprecedented floods in Ohio and Indiana, with their great destruction of property and awful loss of life, have been lightened in several instances by the breaking of dams and the bursting of reservoirs.

At this writing definite information is lacking. But it has been told in the dispatches that the flood at Dayton, Ohio, was made uncontrollable by the breaking of the Laramie reservoir, fifty miles above that city, discharging a vast body of water into the Miami River, or some other of the several streams that come together at that point.

It is also reported that a dam at Piqua, and another at Hamilton, both in Ohio, also went out, in each case with much loss of life.

Instances like these, and the historical disasters at Johnstown, Pennsylvania, and other localities, are warnings which should not pass unheeded here.

So far, in California, there has been no State control of dam-building. Immense reservoirs have been made in the mountains, to serve the purpose of mining, irrigation or generation of electricity, but all without State supervision, regulation or control.

In all cases it has been assumed that self-interest would suffice to make the dams secure. But experience in other States and countries has demonstrated the folly of such reliance.

In many instances flood catastrophes have shown that corporations often begrudge the expenditure of money needed to make reservoirs permanent and safe. Mining companies commonly do not build dams in fact for long periods, and even the builders of dams for electric power purposes may look forward to a sale of their entire plant and water rights, rather than to a permanency.

So it is useful for the State to take measures for the protection of the public, against possible loss of life and property.

No person or corporation should be permitted to build a dam in the mountains or hills where its rupture might cause disaster to any community, save by consent of a State Board or official, acting under law and authority created by the Legislature.

The State, through such agency, should require the plans to ensure ample and lasting security. It also should supervise construction and the quality of the materials used, and make annual inspections, reserving in all permits the right at any time to require repairs or betterments.

It has been proposed to lodge such powers in the State Engineering Department directly. But there is a bill before the Legislature to include them explicitly in the jurisdiction of the Railroad Commission, which body by Constitutional Amendment has been given general control of all public utilities in California.

This measure would seem in principle to serve the desired end. Presumably, the Railroad Commission would be aided at all times by the State Engineer, or could employ such expert engineering services as it might from time to time require.

The terms and details of the needed legislation must be left to the judgment of the Legislature.

But there is no room for doubt that effective State law and regulation, to ensure safety of dams and reservoirs, are urgently needed.

It would be a sad reproach to the Legislature, and a fearsome responsibility, were it to fail in its duty in this regard.

There is now building at Big Meadows in Plumas County, on the headwaters of the Feather River, one of the largest reservoirs in the world. Its capacity will be so enormous that a collapse of the dam would send down the Feather River a flood wave whose destructiveness it is appalling to contemplate. And it is well known that capable civil engineers have expressed grave doubts as to the safety of the dam, as planned and partly constructed.

Assuredly the inhabitants of Oroville, Marysville and Yuba City, and all the farmers and communities along the Sacramento below the mouth of the Feather River, have a right to be protected from the possible or certain consequence of the breaking of this Nevils dam, or any similar structure.

In other parts of the State, likewise, there is similar peril to be guarded against, or now existing, and also demanding legislative action.

The Legislature should lose no time in doing all that the situation and the conditions demand.

It is an imperative and pressing duty.—Sacramento Bee.

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Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$5,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner's name withheld. The building will be erected on Cypress, between Grant avenue and Stockton street, and has been arranged for apartments of three rooms and bath each. Interior finish will be of pine throughout. There will be wall beds. The exterior of the building will be covered with shiplap and rustic. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base. Class A construction. Cost not stated. Architect, John Galen Howard, 601 Mission St., S. F. Owners, Selah Chamberlain and John W. Proctor. These two men have recently purchased property from three separate owners located on California street and Mason. The property combined will have a frontage of 105 feet and a depth of 170 feet. The entire lot will be covered by a Class A building designed along the lines of the most modern apartment houses in New York City. Suites will comprise a number of rooms and will be elaborately finished. There will be steam heat, elevator service, dumb waiters, vacuum cleaning and all other modern conveniences. Interior partitions will be of hollow tile and floors of concrete. The exterior will probably be faced with pressed brick and terra cotta. Preliminary plans have been prepared and working drawings will be started shortly.

SAN FRANCISCO—Apartment house, 2 story and base, frame, \$5,000. Architect, none. Owner, S. Larsen, 79 Cortland Ave., S. F. The building will cover an area of 23x57 feet. The first floor will be arranged for a store and upper floor will contain three small apartments of three rooms and bath each. All interior finish will be of pine and redwood. There will be wall beds. The exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 6 story and base. Class C construction. Cost not stated. Architect not selected. Owner, L. C. Larsen, Crocker Building, Mr. L. C. Larsen, President of the L. C. Larsen Construction Co., has purchased the southeast corner of Sutter and Jones streets and will erect a seven or eight story Class C apartment house. The building will cover an area of 100x107½ feet. No architect has been selected.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 3 story and base, frame, \$25,000. Architect, W. H. Hatcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Investment Co. The building will be arranged for a number of two and three room apartments and will be erected on Channing Way near College avenue. The interior will be finished in pine with some hardwood veneer and floors. There will be steam heat and open fire places. Mantels will be of brick and tile. All suites will be

equipped with wall beds and will have private bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architect, Anton Reif, Higgins Bldg., L. A. Owner, Adolph Jalnke. The building will cover a lot 56x75 feet. There will be a number of two room apartments, all of which will have private baths and will be equipped with wall beds. Interior finish will be of pine with some oak veneer and floors. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick and artificial stone. Plans are complete and figures are being taken on the work.

PORTLAND, ORE.—Apartment house, 6 story and base, reinforced concrete, \$70,000. Architect, J. S. Atkins, Henry Bldg., Portland. Owner's name withheld. The building is to be erected on a corner site and will cover an area of 50x140 feet. Construction will be fireproof throughout. The interior will be arranged for a total of 120 rooms, mostly two-room suites. There will be steam heat, elevator service, wall beds, private baths and a vacuum cleaning system. The exterior will be faced with cement plaster. Bids will be called for next week.

SEATTLE, WASH.—Apartment house addition, 2 story, brick and concrete, \$50,000. Architects, Blackwell & Baker, Northern Bank Bldg., Seattle. Owner, H. S. Amon. The two-story addition will be made to a five-story building. The present building will be raised and the additional stories constructed on a grade with the street. The exterior will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

PORTLAND, ORE.—Apartment house, 4 story and base, reinforced concrete. Cost not stated. Architect, Fred S. Allerton, Wilcox Bldg., Portland. Owner, Harry Howard. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price not stated.

BANKS.

Contracts Awarded.

ROSEBURG, ORE.—Bank, 2 story and base, brick. Cost not stated. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, First Trust and Savings Bank. Contractor, W. C. Arthur, Portland. Contract price not stated.

BRIDGES, DAMS AND HARBOR WORK.

ORLAND, GLENN CO., CAL.—Bridge, reinforced concrete, \$115,000. Engineer, County Surveyor, Orland. Owners, Glenn County. The Glenn County Supervisors have adopted plans for the construction of a reinforced concrete

bridge across Stony Creek near Orland. A patented system, known as the Luten system, which was presented by the Losen Construction Co. of Sacramento was approved. The structure will cost \$145,000. Bids will be called for shortly.

NAPLES, SANTA BARBARA CO., CAL.—Bridges, 4, reinforced concrete. Cost not stated. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Naples Company. Two of the bridges will be 20 feet wide and 70 feet long and are to be constructed over Toledo street. The other two bridges will be 15 feet wide and 70 feet long and are to be erected at Neapolitan Lake. Plans are being prepared and bids for the construction will be called for within a few days.

SEATTLE, WASH.—Pier and warehouses, concrete and frame construction, \$500,000. Engineer, Paul P. Whitlam, Port of Seattle Commission, Seattle. Owners, Port of Seattle Commission. Bids will be opened on April 9th for the construction of the central waterfront improvement, which is to consist of a wharf 1200 feet long and two frame warehouses. Other large improvements will be made under the direction of the same commission during the year which will total \$1,000,000.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Mill, 1 story, frame, \$3,500. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans are complete and work will be done by Day Labor for the construction of a one-story mill building, which is to be erected at the northeast corner of Kentucky and South streets. The owners are now purchasing all materials.

OAKLAND, CAL.—Power station extension, 1 story, reinforced concrete and steel, \$15,000. Architect, none. Owners, Pacific Gas and Electric Co., 415 Sutter St., S. F. A large addition to the present building at the southwest corner of 1st and Jefferson streets is to be constructed at once. Plans are complete and provide for a building with a complete steel frame, reinforced concrete floors and walls. The exterior of the building will be faced with cement plaster. There will be metal window frames and sash. Plans and specifications can be secured from the Purchasing Department at 415 Sutter street. The work will be done by Day Labor.

LOS ANGELES, CAL.—Laundry, 2 story and base. Class C construction, \$100,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Excelsior Laundry Co. The building will occupy a corner site and will cover an area of 200x300 feet. Floors will be of cement. There will be metal window frames and sash and fireproof doors. The estimated cost does not include special machinery. The exterior of the building will be faced with pressed brick. Plans are being prepared.

TACOMA, WASH.—Warehouse, 4 story and base, brick and terra cotta, \$10,000. Architect, J. C. Irwin, Chamber of Commerce Bldg., Tacoma. Owners, California Wine House. The building will be designed for stores and office of the company on the first floor and warehouse on the upper floors. Interior finish will be of pine and hardwood. There will be steam heat and

elevator service. Metal window sash and frames will be specified. The exterior of the building will be faced with terra cotta. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 3 story and base, Class A construction, \$120,000. Architects, Hudson & Munsell, Stinson Bldg., L. A. Owners, John A. Roehling Sons Co., Contractors, Alta Planning Mill, general construction; Baker Iron Works, structural steel; Otis Elevator Co., elevator work.

PORTLAND, ORE.—Brewery Group, 2 story and base, mill construction, \$75,000. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owners, Weinhard Brewery Co., Contractors, George Langford & Sons, Builders' Exchange Bldg., Portland. Contract price, \$75,000.

FIRE HOUSES.

TURLOCK, STANISLAUS CO., CAL.—Jail, 1 story and base, steel and reinforced concrete, \$6,000. Architect, none. Owner, City of Turlock. The building will be 25x70 feet, containing seven cells and has been designed for a city and county jail. Considerable structural steel will be used. Interior finish will be of pine. Special cell work will be called for. The exterior of the building will be faced with cement plaster. Plans are complete and bids will be advertised shortly.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$14,000. Architect, none. Owner, B. J. Hooper, 450 12th Ave., S. F. The building will have a frontage of 32 feet and a depth of 75 feet. There will be two stores on the first floor and two modern flats on the upper floor. Interiors will be finished in pine throughout. Elm panels will be used in the dining rooms. Tile will be used in the baths. The exterior of the building will be covered with pressed brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,400. Architect, none. Owner, L. A. Giusti, 732 Montgomery St., S. F. The building will be erected on Union street at a point where the street grade will necessitate a large concrete retaining wall. The building will have a frontage of 22 feet and a depth of 34 feet. Interior finish will be of pine throughout. There will be gas grates and tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$8,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Paul De Martini. The building will be erected on Broadway between Mason and Taylor streets and will be arranged for three flats of five and six rooms each. Interior finish will be of pine and elm. There will be open fire places and tile or brick mantels. The exterior of the building will be covered with shiplap and rustic. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame. Cost not stated. Architects, C. M. and A. F. Rousseau, Mon-

nock Bldg., S. F. Owner, J. Rodgers. The building will be erected at the northwest corner of Pacific and Mason streets, and will be arranged for a store and 12 flats of 4 and 5 rooms each with bath. Interior finish will be of pine with some elm panels. There will be either open fire places or gas grates. The exterior of the structure will be covered with cement plaster on metal lath. Plans are being figured.

SAN FRANCISCO—Flat, 2 story and base, frame, \$4,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Greenwich street near Baker and will contain a store on the first floor and one five-room flat above. Interior finish will be of pine throughout. There will be open fire places and brick mantels. Some oak flooring will be used. The exterior of the building will be covered with brick veneer and cement plaster. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, Class C construction, \$12,000. Architect, none. Owner, J. G. Kincannon, 1676 Pulton St., S. F. The building will cover an area of 25x58 feet. There will be one store and the entrance to the flats above on the first floor. Upper floors will contain seven flats. Exterior walls will be of reinforced concrete faced with white cement plaster. Interior finish will be of pine and hardwood. There will be open fire places and tile mantels. Tile will also be used in the bath rooms. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$8,500. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Edward McKeever. The building will have a street frontage of 27 feet and a depth of 68½ feet. The first floor will be arranged for one store. Upper floors will contain four and five room flats with baths. Interior finish will be of pine throughout. Plate glass display windows will be used in the store. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, John Kucich. The building is to be erected on Mason street, between Chestnut and Lombard streets, and has been designed to contain a number of four-room flats with baths. All interior finish will be of pine. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, L. Pavani. The building will be arranged for two stores on the first floor and two modern flats on the upper floors. Interior finish will be of pine throughout. All flats will have connecting baths. The exterior of the building will be covered with rustic and shiplap. Plans are nearly complete and figures will be taken this week.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner's name withheld. The building will be erected on the south side of

Greenwich street, between Stockton and Grant avenues. Plans provide for four modern flats of five and six rooms each with bath. Interior will be finished in pine and hardwood veneer. Bath rooms will be finished in tile. There will be coal grates with tile or brick mantels. The exterior of the building will be covered with rustic brick veneer and shiplap. Plans are being prepared and when complete the work will be done by Day Labor.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Flat, 2 story and base, frame, \$5,400. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, P. S. Turnbull. Contractor, K. P. Smith, Fresno. Contract price, \$5,400.

GARAGES.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, Charles E. Bergin. The building will be used for a commercial garage and will cover an area of 50x150 feet. The greater portion of the floor space will be used for storage purposes. Interior finish of the office will be of pine. There will be a cement floor and metal window frames and sash. The exterior of the building will be faced with plaster and tile. Plans are complete and figures are being taken.

TACOMA, WASH.—Garage, 2 story and base, brick and concrete, \$25,000. Architect, I. C. Irwin, Chamber of Commerce Bldg., Tacoma. Owner, August Von Boecklin. The building will occupy a corner site and will be designed for a commercial garage. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Plans are nearly ready for figures.

GOVERNMENT WORK AND SUPPLIES.

Buildings at Pearl Harbor.

On May 10 bids are to be opened at the bureau of yards and docks, Navy Department, Washington, D. C., for the construction of buildings at the naval station, Pearl Harbor, Hawaii. The amount authorized for the work is \$250,000. The project provides for an administration building, two ward buildings, subsistence building, laboratory, operating building, laundry, stable, mortuary, two officers' quarters, bachelor officers' quarters, hospital corps quarters, four civil employees' quarters, connecting passages, servants' quarters, and wash houses.

The main hospital buildings, consisting of the administration building, two ward buildings, subsistence building, laboratory, and operating building, shall be of reinforced concrete construction with terra cotta partitions and curtain walls. The roofing shall be of asbestos shingles carried on wood lathing supported by steel framing, except in operating building, where framing is of wood. Terra cotta shall be plastered on both sides. Administration building is three stories and loft in height, wards two stories and loft in height, operating building two stories and loft in height, and laboratory and subsistence building one story in height. The remaining buildings in the group, except the mortuary, shall

be of wood construction with wooden roof shingles, as indicated. The mortuary shall have hollow terra cotta walls and asbestos shingled roof. Plastering, in general, will be required only in the main hospital buildings, mentioned above, and in bath rooms of two officers' quarters. Floors shall be, in general, of wood. Marblework will be required in operating rooms. Exterior trim and woodwork will, in general, require stain. Interior woodwork of main hospital building will require varnish, and remaining buildings will require stain. Heating will not be required in the buildings except in a few cases in the main hospital buildings for sterilizers, hot water heaters, etc. Lighting will be done by electricity. Mechanical ventilation will be required for operating building, second story.

Arapaho Indian School.

The following bids were received March 15 by the commissioner of Indian Affairs, Washington, D. C., for the construction of a frame day school building at the Arapaho Indian School, Shoshone reservation, Wyo.:

W. D. Lovell, Minneapolis, Minn., \$3,400.

T. R. Leavell & W. W. Engle, Lander, Wyo., \$2,948.97.

W. W. Stroul, Lander, Wyo., \$2,972.

W. J. Welseck, Cheyenne, Wyo., \$2,200.

Robert Burns, Lander, Wyo., \$1,540.
J. H. Arnold, Riverton, Wyo., \$2,490.
R. J. Allison, Cheyenne, Wyo., \$3,850.

Asbestos Shingles.

The following bids were opened November 19, 1912, by the lighthouse inspector, 18th district, San Francisco, for furnishing asbestos shingles:

Item 1, shingles for Point Loma fog signal; item 2, do, dwelling.

Magnesia Supply Co., San Francisco, Cal., item 1, \$229; 2, \$300; accepted for both items.

H. W. Johns-Manville Co., item 1, \$275.41; 2, \$322.08.

Building Material, Hawaiian Islands.

The following bids were received by the depot quartermaster, U. S. army, Washington, D. C., on March 17 for furnishing steel, roofing and plumbing material for delivery at Honolulu:

J. L. Mott Iron Works, Washington, D. C., 10 water closets No. 54-IL, f. o. b. factory, \$339.60; f. o. b. San Francisco, \$369.60; 10 water closets No. 54-I, factory, \$327.99; San Francisco or Seattle, \$357.99; 10 lavatories, \$236.31 and \$260.31; 10 bath tubs, \$214.29 and \$384.29; 10 kitchen sinks, \$189.53 and \$209.53; 20 pantry sinks, \$517.19 and \$532.19; 20 laundry tubs, \$711.46 and \$911.46; 10 range boilers, \$139.66 and \$169.66; 10 tumble holders, \$11.30 and \$12.30; 10 towel racks, \$24.22 and \$25.22; 10 glass shelves, \$32.59 and \$34.59. The above prices are for deliveries f. o. b. factory and San Francisco or Seattle, Wash.

H. W. Johns-Manville Co., New York City, roofing for one double officers' quarters, f. o. b. factory, \$235; five double officers' quarters, f. o. b. factory, \$1,150.

L. Wolf Manufacturing Co., Washington, D. C., for plumbing items, total f. o. b. factory, \$3,049; if no drain boards are required for No. 40 B sinks allowance of \$8.50 each will be made; if no wood top and drain board is required for pantry sinks allowance of \$12 on each sink will be made.

Haynes, Jones & Cadbury Co., Phila-

delphia, Pa., prices are f. o. b. San Francisco; 10 water closets No. 54-IL, \$509.11; 10 water closets No. 54-I, \$170.29; 10 lavatories, \$215.16; 10 bath tubs, \$156.87; 10 kitchen sinks, \$350.88; 10 pantry sinks, \$589.12; 20 laundry tubs, \$821.83; 10 range boilers, \$211.18; 10 tumble holders, \$21.17; 10 towel racks, \$22.78; 10 glass holders, \$10.11.

John Douglas Co., Washington, D. C., prices are f. o. b. factory and San Francisco, respectively: 10 water closets No. 54-IL, \$32.40 and \$57.80; 10 water closets No. 54-B, \$26.20 and \$42.32; 10 lavatories, \$22.75 and \$26.50; 10 bath tubs, \$32.50 and \$39; 10 kitchen sinks, \$14.40 and \$16.80; 10 pantry sinks, \$30.83 and \$36; 20 laundry tubs, \$31.85 and \$37.15; 10 tumble holders, \$1.55 and \$1.80; 10 towel racks, \$1.75 and \$2.05; 10 glass shelves, \$6 and \$7.

O. A. Deuzenbaker, Washington, D. C., roofing for one house, delivery at Honolulu, \$227; for five houses, delivery at Honolulu \$1,135 for one double quarters, f. o. b. factory, \$165; f. o. b. San Francisco or Seattle, \$252; for five double quarters f. o. b. factory, \$825; f. o. b. San Francisco or Seattle, \$1,260.

Berger Manufacturing Co., Canton, Ohio, for pressed steel framing joints, etc., for one double quarters, f. o. b. Canton, \$1,493; f. o. b. San Francisco, \$1,893; for five double quarters, f. o. b. Canton, \$6,930; f. o. b. San Francisco, \$8,930.

Repairing Iron Buoys, Etc.

Bids were opened March 7 by the lighthouse inspector, 11th district, Portland, Ore., as follows, for repairing iron buoys and ballast balls and furnishing shackles for moorings in connection with light vessel No. 67:

Pacific Iron Works, \$1,837.50.

Astoria Iron Works, Astoria, Ore., \$1,666.50; accepted.

Albina Engine & Machine Works, \$1,672.25.

Pearl Harbor Dry Dock.

The Navy Department expects to obtain some definite information early in the coming week concerning the accident which befell the big dry dock at the naval station at Pearl Harbor. A report from the officers in charge of the work, mailed from Honolulu shortly after the disaster, should reach Washington within a few days. In addition to that information the Navy Department will have the benefit of the views of the president of the San Francisco Bridge Company, which has the contract for the construction of the work. The head of the concern went at once to Pearl Harbor when he heard of the accident and has returned to this country and is on his way to Washington, where he is expected to arrive today. In the meantime, the naval authorities are entertaining the hope that the damage is of such a character that it will not prove an appreciable detriment to the progress of the work, although it is realized that there must necessarily be some delay on account of the accident.

Coal Towers, Pearl Harbor.

Bids are to be opened April 19 at the bureau of yards and docks, Navy Department, Washington, D. C., for two coal hoisting towers for the naval station, Pearl Harbor. The towers shall be self propelling, steeple, coal-hoisting towers of steel framing, erected upon 65-lb. rails on a

floating wharf trestle. Each tower shall be capable of handling a grab bucket holding 2½ tons of coal. The tower rails are 30 feet from center to center. The arms of the towers shall be capable of raising and lowering and allowing the center of the bucket to travel 62 feet beyond the center of the outboard lower rail. The towers shall be steam operated, and the fuel shall be coal.

Ventilating Ducts, Vancouver Barracks.

All bids received March 5 by the depot quartermaster, Vancouver Barracks, for ventilating ducts in eight barracks have been rejected and the work readvertised.

Rebuilding Frankwater.

Bids for rebuilding Deadman's Island breakwater light structure were opened March 3 by the lighthouse inspector, 18th district, San Francisco, Cal., as follows:

Mercreau Bridge and Construction Co., Los Angeles, Cal., \$525; accepted.
Charles W. Corbaley, \$855.

River and Harbor Works.

The law making appropriations for the construction, repair and preservation of certain public works on rivers and harbors provides as follows:

California. — Humboldt harbor and bay, maintenance, \$20,000; Los Angeles harbor, completion of 30-foot channel, \$101,000; Oakland harbor, continuing improvements, \$275,000, provided that a dredge be constructed unless suitable bids for the work are received; San Diego harbor, maintenance, \$35,000 and continuing improvements, \$208,786; San Pablo Bay, maintenance, \$40,000; Mokelumne River, maintenance, \$1,000; Petaluma Creek and Napa River, maintenance, \$18,000; Redwood Creek maintenance, \$5,000; Sacramento and Feather Rivers, continuance, \$40,000; San Joaquin River, maintenance, \$26,500 and continuance, \$159,632; Suisun, completing improvement, \$14,500; Coos Bay, Ore., maintenance of completed channel and equipping dredge, \$80,000.

Oregon. — Nehalem Bay, continuing improvement, \$100,000; Tillamook Bay and Bar, improvement, \$100,000; Coquille River, maintenance, \$5,000; Willamette and Yamhill Rivers, maintenance, \$40,000; Yaquina River, completion, \$28,000; Columbia and Lower Willamette, continuing, \$160,000; Columbia River, Oregon and Washington, continuing improvements, including repairs to dredge, \$1,000,000; Columbia River at Cascades, continuing, \$100,000; Columbia River between the foot of the Dalles Rapids and the head of Celilo Falls, Oregon and Washington, continuance, \$1,200,000; Columbia River and tributaries above Celilo Falls, continuing, \$60,000; Columbia River between Bridgeport and Kettle Falls, Wash., \$40,000; Snake River, Oregon, Washington and Idaho, continuance, \$25,000.

Washington. — Grays Harbor and Chehalis River, maintenance, \$20,000; Cowlitz and Lewis Rivers, continuance, \$23,500; Grays River, maintenance, \$300; Skagit River, maintenance, \$10,000; Puget Sound, continuance, including tributary waters, \$25,000; Port Townsend Bay and Oak Bay, completion, \$62,500; Puget Sound and Lake Union, Wash., completion, \$5,000.

Honolulu, Hawaii. — Continuing improvement, \$225,000, provided that if

bids are expensive so much as may be necessary shall be expended for the purchase or construction of a suitable dredging plant.

Boring and Turning Mill.

Navy schedule 5253, bureau of steam engineering, class 1, calls for delivery at Puget Sound, under bids to be opened April 22, of one vertical boring and turning mill, 16-21 foot, motor-driven, with two heads and a boring reach and bar. Specifications state the machines to be driven by a 3-phase, 220-volt, 60-cycle, self-starting constant speed A. C. motor of 50 horsepower, attached to the base of the machine, to be started, stopped, reversed, or otherwise controlled at either side of the machine. All necessary controlling apparatus to be furnished by the contractor. Motors and all electrical apparatus to conform to specification 17M2.

Hydraulic and Electric Apparatus.

All bids received January 22 by the Reclamation Service for furnishing hydraulic and electric apparatus for the St. Mary's storage unit, Milk River project, Mont., have been rejected.

HALLS AND SOCIETY BUILDINGS.

TAFT, KERN CO., CAL.—Lodge hall, 2 story and base, brick. Cost not stated. Architect, J. M. Safell, New Fish Bldg., Bakersfield. Owners, Odd Fellows' Hall Association. The building has been designed for stores on the first floor and large lodge hall and offices on the second floor. Interior will be finished in pine and hardwood. There will be patent store fronts. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on April 4th. Plans and specifications can be secured from the architect. A check for 10% must accompany all bids and be made payable to S. A. White.

PASADENA, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, Class C construction. Cost not stated. Architects, Foss Building and Designing Co., 100 East Colorado St., Pasadena. Owners, Odd Fellows' Hall Association. This work has been mentioned here before when the plans were first being prepared. Working drawings are complete and figures will be called for at once. The building will cover an area of 50x98 feet. Kitchen and banquet rooms will be located in the basement; first floor will be arranged for stores and upper floors for club rooms, library, billiard hall and lodge rooms. Interior finish will be of pine and hardwood. There will be a central heating system. The exterior of the building will be faced with pressed brick.

PUYALLUP, WASH.—City hall, 2 story and base, reinforced concrete, \$17,500. Architect, R. E. Borhek, Savage-Scofield Bldg., Tacoma. Owners, Town of Puyallup. The building will be in the classic style and will be arranged to contain the police and fire department headquarters, council chamber and executive offices. Interior finish will be of pine and hardwood. There will be a central heating system. The exterior of the structure will be faced with cement plaster. Plans are being prepared.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$25,000. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Bruce Cornwall. The building will be erected on the north line of Market street, west of Gough. The first floor will be arranged for stores and the hotel lobby. Upper floors will be divided into modern hotel rooms with a number of private baths. There will be steam heat, hot and cold running water and elevator service. Interior finish will be of pine. Patent store fronts are to be specified. The exterior of the building will probably be faced with cement plaster. Plans are being prepared and figures will be called shortly.

SAN FRANCISCO—Hotel, 5 story and base, Class C construction, \$40,000. Architect, Henry Shermund, Mills Bldg., S. F. Owners, Mersing Estate. The building will cover an area of 75x75 feet, and is to be erected at the northwest corner of 8th and Polson streets. There will be five stores on the first floor besides a large hotel lobby and office. Upper floors will be arranged for 96 rooms and several baths. Interior finish will be of pine with some oak veneer in the lobby. Steam heat, elevator service and hot and cold running water will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete, \$32,000. Architect, Philip Schwerdt, Phelan Bldg., S. F. Owners, Wolf Bros. This building is to be erected on the west line of 6th street south of Howard, and will have a frontage of 25 feet and a depth of 155 feet. The entire first floor will be used for the hotel office, lobby and parlors. Upper floors will contain a large number of guest rooms and baths. Interior will be finished in pine throughout. Some hardwood veneer will be used in the lobby and offices. Plans include steam heat, elevator service and a hot water plant. The exterior of the structure will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, F. Hill. The building will cover an area of 79x120 feet. The first floor will contain four stores besides the hotel office and lobby. Upper floors will be arranged for a total of 165 guest rooms and 38 baths. Plans include steam heat, elevator service, hot water plant, vacuum cleaning, tile bath rooms. Interior finish will be of pine and hardwood. Cement floors will be used in the baths. Metal window frames and sash are specified. The architect is now completing the working drawings. The exterior of the building will be faced with pressed brick.

LOS ANGELES, CAL.—Hotel, 3 story and base, Class C construction. Cost not stated. Architect, Henry L. Wilson, Story Bldg., L. A. Owner, E. Avery McCarthy. The building is to cover an area of 50x110 feet. The first floor will contain office and lobby and upper floors a total of 64 rooms and 18 baths. Interior finish will be of pine throughout with tile used in the bath rooms and some ornamental plaster in the lobby. There will be steam heat

and hot and cold running water. The exterior of the building will be faced with pressed brick. Plans for the work are now nearly complete.

LOS ANGELES, CAL.—Hotel, 12 story and base, reinforced concrete, \$300,000. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. The building is to be erected on the east side of Spring street and will have a frontage on that street of 60 feet and a depth of 165 feet. Preliminary plans have been prepared and show a total of 300 guest rooms, about 50 per cent of which will have private baths. Construction is to be fireproof throughout. William Richards, Wright and Callender Bldg., is the engineer in charge of the reinforced concrete design. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior finish will be of metal and hardwoods. Floors and roof will be of concrete. Interior partitions will be of hollow tile. The exterior of the building will probably be faced with pressed brick and terra cotta. Preliminary plans only have been prepared and further notice will be given in these reports as soon as working drawings are ready.

HOSPITALS.

PORTLAND, ORE.—Hospital, 4 story and base, reinforced concrete, \$400,000. Architect's name not given. Owners, City of Portland. Preliminary plans for a new City and County Hospital have been approved by the commissioners and working drawings will be ordered prepared. Funds for the construction will not be available until next year. The building will be erected on the site of the present City and County Hospital and will be built in unites. Further announcement will be made of the work in these columns.

Contracts Awarded.

FRESNO, FRESNO CO., CAL.—Hospital, 2 story and base, brick and steel, \$35,000. Architects, Starbuck & Clarke, Fresno. Owner, Dr. Sample, Contractor, Allen, Fresno. Contract price, \$35,000.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Agriculture Building, frame construction. Cost not stated. Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and bids will be opened on April 15th at 11 a. m. for the general construction of the Agriculture Building. Separate bids are being taken for the general construction, the installation of plumbing, water pipes and sewers. Plans can be secured from the Director of Works. The official proposal appears in another column of this issue.

SAN FRANCISCO—Pile foundation. Cost not stated. Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on April 3rd for the construction of a pile foundation for the Agriculture Building. Plans can be secured from the Director of Works. Official proposal appears in this issue under the heading of Official Proposals.

SAN FRANCISCO—Conduit system. Cost not stated. Architect, Director of Works P. P. I. E. Co., Service Bldg., S.

E. OWNERS, Panama-Pacific International Exposition Co. Bids will be opened in accordance with the official proposal which appears in another column of this issue on April 10th for the construction of a conduit system in the Exhibit Buildings Section of the Harbor View Site. Plans can be secured from the Director of Works.

SAN FRANCISCO—Pile foundation. Cost not stated. Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. **OWNERS, Panama-Pacific International Exposition Co.** Bids will be opened on April 3rd for the construction of a pile foundation for the Manufactures Building. Plans can be secured from the Director of Works at the Service Building. Official proposal appears in this issue under the head of Official Proposals.

Contracts Awarded.

SAN FRANCISCO—Pile foundation. Cost not stated. Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. **OWNERS, Panama-Pacific International Exposition Co. Contractors, Healy-Tibbitts Construction Co., S. F.** Contract price 243-10 cents per lineal foot. The contract calls for furnishing 205,000 lineal feet.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO — Track specials and materials. Cost not stated. Engineer, Assistant State Engineer Jerome Newman, Ferry Bldg., S. F. **OWNERS, State of California.** Bids are now being called for by the State Board of Harbor Commissioners for furnishing a large amount of track specials. A complete list of these specials can be seen by consulting the Official Proposal, which appears in another column of this issue. Bids will be opened on April 3rd. Plans and specifications can be had from the Assistant State Engineer.

COALINGA, FRESNO CO., CAL.— Railroad station, 1 story, brick and concrete. Cost not stated. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. **OWNERS, Southern Pacific Company.** Contractor, W. J. Ochs, Bakersfield. Contract price not stated. The same company will shortly have plans out for figures for the construction of a similar station which is to be erected at Lemoore.

Contracts Awarded.

SEATTLE TO SUMAS, WASH.—Railroad construction, \$4,000,000. Engineers, Engineering Dept. Northern Pacific R. R. Co. **OWNERS, Northern Pacific R. R. Co. Contractors** Seattle Construction Co., Seattle. Note: It is generally assumed that the Seattle Construction Company is composed of Grant-Smith & Co. and Stillman.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, Edward G. Bolles, 660 Market St., S. F. **Owner, S. A. Born.** The dwelling will be erected in West Clay Park on property adjoining that on which Mr. Born has already constructed several handsome homes. There will be eight rooms and two baths, sleeping porch and a laundry in the house. Plans provide for a central heating system, open fire places and brick mantels. An automatic water heater will be in-

stalled. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Tile will be used in the baths. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. **Owner, E. Nelson, 30 Presidio Terrace, S. F.** The dwelling has been designed for a six-room house with bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be an open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$3,000 each. Architect, none. **Owners, L. E. Edwards and J. B. Brewster, Mills Bldg., S. F.** These houses, each of which has been designed for a seven-room dwelling, will be erected in the Crown Terrace District. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in all bath rooms and kitchens. The exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners are now purchasing all materials.

SAN FRANCISCO—Residences, 3, 2 story and base, frame, \$4,500 each. Architect, none. **Owners, Conservative Building and Investment Co., Foxcroft Bldg., S. F.** The houses will contain seven rooms and bath each. All interiors will be finished in pine and redwood. Oak floors will be used in the living and dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the baths and kitchens. The exteriors of the houses will be covered with cement plaster on metal lath. Owners are now in the market for all kinds of materials. The work will be done by Day Labor.

SAN FRANCISCO—Bungalows, 2, 1½ story and base, frame, \$2,000 each. Architect, none. **Owner, J. S. Purcell, 556 Presidio Ave., S. F.** The houses will be erected on Diamond street near 22nd street, and each has been designed for a six-room house with bath. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Hardwood floors will be used in the living and dining rooms. Tile will be used in the baths and kitchens. The exteriors will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalows, 4, 1 story and base, frame, \$1,500 each. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. **Owner's name withheld.** These dwellings will be erected on property recently purchased on Lisbon street, and each will contain five rooms and bath. Interior finish will be of pine throughout. There will be open fire places and tile or brick mantels. Some oak flooring is specified. There will be tile in the baths and kitchens. Exteriors

will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Community house, 2 story and base, frame and concrete, \$50,000. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. **Owner's name withheld.** Preliminary plans are being prepared for a building which will house 18 dwellings, each designed for from five to six rooms. The structures will be in the Spanish Mission style and will occupy the center of a full Fifty Vara lot on Leavenworth street near Green. A large central court, which is to be laid out in gardens, will be a feature of the design. Interior finish will be of pine and hardwood with oak floors in the principal rooms. A central heating system will be housed in a separate building. Bath rooms will be finished in tile and tile will be used extensively in the kitchens. There will be open fire places and brick mantels. The exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are being prepared and when completed figures will be taken by the architects.

SAN FRANCISCO—Parish house, 2 story and base, frame, \$6,000. Architects, Welsh & Carey, Western Metropolitan Bank Bldg., S. F. **Owner, Father John Cullen.** The house will contain seven or eight rooms and baths. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, O. E. Evans, 2132 Mission St., S. F. **Owner, James Welsh.** The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath and shiplap. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Joseph Leonard, Phelan Bldg., S. F. **OWNERS, Urban Realty Co., Phelan Bldg.** The dwelling will be similar to a number of other houses which have recently been erected by the same owners on property at De Soto and Holloway streets. Plans call for a seven-room house with bath and sleeping porch. Interior will be finished in pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, Earl E. Scott, Humboldt Bank Bldg., S. F. **Owner's name withheld.** The dwelling has been designed for an

eight-room house with bath. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be open fire places and brick mantels. The exterior of the dwelling will be covered with cement plaster. Tile will be used in the bath room and kitchen. Plans are now being prepared for the work.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The bungalow will contain five rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the living and dining rooms and reception hall. Furnace heat will be installed. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are being prepared and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, E. Greenhood. The house will contain eight rooms, sleeping porch, bath and laundry. Interior will be handsomely finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, John A. Bischoff, 349 62nd St., Oakland. The house has been designed for an eight room dwelling with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, F. R. Peake & Co., 2127 University Ave., Berkeley. The house will contain eight rooms and bath and is to be located on Mariposa street. Interior trim will be largely of pine with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and an open fire place. Mantel will be of brick. Bath room will be finished in tile. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owners are now in the market for all materials.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$18,000. Architect, William Knowles, Hearst Bldg., S. F. Owner, William Ede. The house will contain ten rooms, baths, sleeping porches and a laundry. Interior will be finished in pine and hardwoods. Hardwood and composition floors will be used. There will be

furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Baths will be finished in tile and will have composition floors. The exterior of the dwelling will be covered with cement plaster. Some clay tile will be used on the roof. Plans are complete and the work is being done by Day Labor under the personal direction of the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, A. Wellman and John Holm, 2321 10th St., Berkeley. The dwelling has been designed for eight rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, C. E. Crane, 1600 La Loma Ave., Berkeley. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now in the market for all materials.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, Edward G. Garden. Phelan Bldg., S. F. Owner, Mrs. E. G. Garden. The dwelling will contain eight rooms, bath and a garage. Interior will be handsomely finished in pine and redwood. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath rooms and kitchen. The exterior will be covered with cement plaster on metal lath. A clay tile roof will be used. An automatic water heater will be installed. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owners, Oakland Building and Mortgage Co., 1106 Broadway, Oakland. The house has been designed for an eight-room dwelling with bath and sleeping porch. The interior will be finished in pine and redwood with oak floors in the living and dining rooms and reception hall. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,000. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, W. E. Jason. The dwelling is to contain five rooms and bath. All inter-

ior trim will be of pine. Hardwood floors will be used in the principal rooms. There will be an open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ALBANY, ALAMEDA CO., CAL.—Bungalows, 2, 1 story and base, frame, \$2,000 each. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The dwellings will each contain five rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be large open fire places in the living rooms with tile or brick mantels. Some tile will be used in the bath rooms and kitchens. Exteriors will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$4,500. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The house has been designed for a seven-room dwelling with all modern conveniences. Interior finish will be of pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. A cement floor will be used in the bath room. There will be a large sleeping porch. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalows, 1 story and base, frame. Cost not stated. The following Day Labor jobs are reported as about ready to be started in Stockton: A. L. Healey, 527 East Anderson St., 1 story frame, \$1,200; Cowell Bros., 618 Miner, 1 story frame, \$2,000; H. H. Thomson, 410 East Market, 1 story frame, \$2,000; N. H. Thomson, 410 Market, 1 story frame, \$2,000; Miller, Stockton, 1 story frame, \$2,500, and B. F. Ames, 420 McCloud, 1 story frame, \$2,000.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 1 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are about to be started in San Jose: W. F. Gillman, So. Hull Ave., 1 story frame, \$1,800 and Alex. York, Puss House, 1 story frame, \$1,800.

LOS ANGELES, CAL.—Residence, 2 story and base, brick and frame, \$40,000. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owner, J. C. Rivers. The dwelling will be erected on a large tract and has been designed to contain twelve rooms, baths and sleeping porches. A two-story garage will also be erected on the property. Interior finish of the dwelling will be of pine and hardwoods. Tile will be used in all the bath rooms. A central heating system will be installed. There will be a number of open fire places with brick and tile mantels. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster and brick veneer. Plans are complete and figures are being taken.

SCHOOLS.

LOS ANGELES, CAL.—School group. Class A construction, \$650,000. Architects, Allison & Allison, Hilbernia Bldg., L. A. Owners, State of California. Information received from the State Architect's office in Sacramento states that on March 26th the following firms had applied for plans and specifications on the State Normal School at Los Angeles. Over \$650,000 will be available for construction. Bids will be opened in Sacramento on April 5th: Gladding-McBean & Co., Crocker Bldg., San Francisco; Latourrette-Fical Co., Sacramento; Sound Construction Co., San Francisco; Arthur Arlett, Oakland; McLaren & Petersen, San Francisco; Lewis A. Hicks Co., Rialto Bldg., San Francisco; Builders' Exchange of Alameda Co., Oakland; D. Zelinsky, San Francisco; Southwestern Construction Co., Los Angeles; Creller & Seaman, Pasadena; J. F. Atkinson, Los Angeles; F. W. Walton & Son, Hollywood; Alta Planning Mill Co., Los Angeles; W. A. Schumacher Construction Co., Los Angeles; Los Angeles Planning Mill Co., Los Angeles; F. O. Engstrom, Los Angeles; Somers & Lund, Los Angeles; Thomas Havery, Los Angeles; James H. Jacobs Co., 336 South Spring, Los Angeles; C. Leonard, 708-10 H. W. Hellman Bldg., Los Angeles; James L. McLaughlin, 244 Kearny, San Francisco; Grant Fee, 2440 16th St., San Francisco; Western Construction Co., 538 Bradbury Bldg., Los Angeles; Munger & Munger, 174 East Union, Pasadena; F. Roland, 550 Montgomery, San Francisco; Wm. Simpson Construction Co., 728 Tinklin Bldg., San Diego.

MODESTO, STANISLAUS CO., CAL.—School, 1 story, frame, \$5,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, Shiloh School District. The building is to be designed for a district school and will contain two standard size class rooms. Interior will be finished in pine. There will be composition blackboards. Two Lenox heaters are to be installed. The exterior of the building will be covered with rustic and shingles. Plans are being prepared.

TAFT, KERN CO., CAL.—School, 1 story and base, brick, \$20,000. Architect, O. L. Clark, Bakersfield. Owners, Taft School District. All bids for the construction of building have been rejected as being above the amount available for construction. Plans are now being revised and new bids will be called for in the course of the next two weeks.

LOS ANGELES, CAL.—School, 2 story and base, brick and frame construction, \$28,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Women's Board of Home Missions. The building has been designed as a school for Spanish girls and will contain accommodations for 12 pupils. Interior finish will be of pine. There will be a steam heating system. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be taken by the architect within a short time.

VENICE, LOS ANGELES CO., CAL.—School, 1 story and base, concrete and frame, \$25,000. Architects, Eager & Eager, Story Bldg., L. A. Owners, Venice School District. The building will be built around the three sides of a court and will cover an area of 100x112 feet. The central portion will contain

an auditorium equipped with stage and dressing rooms. One of the wings will contain four standard class rooms and the other the domestic science and manual training departments. The building will have concrete foundation, cement plaster over metal lath on the exterior, composition roofing, pine trim, lavatories, separate power plant for steam heating system. Plans are being prepared.

LA GRANDE, ORE.—School, 2 story and base, brick. Cost not stated. Architect, John L. Slater, La Grande. Owners, La Grande School District. No particulars of this building have been given out as yet. Mr. Slater has just received the commission to prepare plans and it will be sometime before bids are called.

SEATTLE, WASH.—Schools, 2, 2 story and base, brick and concrete, \$77,000 and \$78,000 respectively. Architect's name not given. Owners, City of Seattle. Subfigures are wanted on the mill work, lumber and ornamental iron work on two new schools being constructed by the Manhattan Co., Inc., Central Bldg., Seattle.

FOREST GROVE, ORE.—School, 2 story and base, brick, \$30,000. Architects, W. B. Bell and J. Jerry Widing, associated, Worcester Bldg., Portland. Owners, Forest Grove School District. Plans are nearly complete and bids will be called for early in this month for the construction of a twelve-room school building. There will be a central heating system and other modern improvements. The exterior will be faced with pressed brick.

Contracts Awarded.

EXETER, TULARE CO., CAL.—School, 1 story and base, brick, \$25,600. Architect's name not given. Owners, Exeter School District. Contractor, J. C. Thurman, Exeter. Contract price, \$24,652. Note: The building will contain six class rooms, auditorium and offices. A central heating system will be installed.

SEWERS, STREET WORK AND WATER SYSTEMS.

MENDOCINO AND SAN MATEO COUNTIES—State Highway work. Cost not stated. Engineer, State Highway Commission, Sacramento. Owners, State of California. The following contracts were awarded at the last meeting of the State Highway Commissioners:

In Santa Clara County, from Edendale to Morgan Hill, 13 miles, concrete base with bituminous top, to Richard Keating & Sons, San Francisco, \$49,396.

In Stanislaus County, from a point near Modesto to the northern county boundary, 7 miles, oiled concrete to Considine & Bates, Los Angeles, \$32,389.

In Mendocino County, between Ukiah and Forsyth Creek, macadam, two miles, to David Sawyers and Charles Whitely, \$53,313.

In San Mateo County, between Redwood City and the south county boundary, asphalt concrete on old macadam, 3.3 miles, to S. F. Doyle, \$41,720.

Bids will be called for at once on five sections more located as follows:

In San Mateo County, between San Mateo and Beresford, macadam base and asphaltic concrete surface, 2 miles.

In Santa Clara County, between San Jose and Edendale, macadam, with

asphaltic top, 4.35 miles.

In Ventura County, between south county boundary and Newberry Park, oiled concrete, 7.34 miles.

In Stanislaus County, various parts of the highway between Turlock and Ceres.

In Yuba County, various parts of the highway between Morrison's Crossing and Marysville.

VISALIA, TULARE CO., CAL.—Sewer system, \$25,000. Engineer, City Engineer, Visalia. Owners, Town of Visalia. Plans have been adopted for the construction of a sewer system embracing 25,000 lineal feet of sewers. Funds for the construction of the work are to be obtained from a bond election which will be held shortly.

FOKKS, WASH.—Reservoir, steel and concrete. Cost not stated. Engineer's name not given. Owners, Washington Oil Co., represented by Gerard-Fillio Co., Etel Bldg., Seattle. Bids will be called for at once for the construction of a steel and concrete reservoir of one million gallons capacity. Plans and specifications are on file at the offices of the representatives.

Contracts Awarded.

FULLERTON, ORANGE CO., CAL.—Municipal water system, \$16,000. Engineer, City Engineer, Fullerton. Owners, City of Fullerton. Contractor, R. C. Lowell, Monrovia. Contract price, \$16,000.

DINUBA, TULARE CO., CAL.—Sewer system, \$35,000. Engineer, City Engineer, Dinuba. Owners, City of Dinuba. Contractors Hall & Hunt, San Francisco. Contract price, \$32,469.74. Other bidders on the work were as follows: Redman & Bier, \$33,434.98; Coalinga Tank and Pump Co., \$39,009.82; Chambers & Heafy, \$33,818.76; Cowden & Glacklin, \$36,614.33.

STORES AND OFFICES.

SAN FRANCISCO—Stores and offices, 2 story and base, brick. Cost not stated. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owner, James T. Sweeney. The building is to be erected on the south side of Geary street east of Van Ness avenue. The first floor has been leased to an automobile firm. Upper floor will be used for either lofts or may be subdivided into living rooms. Interior finish will be of pine and some hardwood. Considerable tile and marble will be used. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Stores and lofts, 6 story and base, brick and steel. Cost not stated. Architect, John Reid, Jr., Chronicle Bldg., S. F. Owners, Hind Estate. The building will be erected on California street west of Front, and will cover an area of 60 feet 8 1/2 inches by 127 1/2 feet. A complete steel frame will be used. There will be several stores on the first floor and upper floors will be arranged for lofts and offices. Metal window frames and sash are specified. There will be steam heat, elevator service and fireproof doors. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken on the various parts of the work.

SAN FRANCISCO—Office building, 10 or 12 story and base. Class A construction, \$1,000,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. This building will be erected on the north side of

Market street just east of Montgomery and adjoining the Nevada Bank Bldg. The lot has a Market street frontage of 92 feet and is irregular in shape, extending through to Sutter where it has a frontage of 118 feet. Construction will be fireproof throughout with a complete steel frame, interior partitions of hollow tile, concrete floors and brick filler walls. The matter of height is still an open question and plans will be prepared with a steel frame of sufficient strength to carry twelve stories at the least. Interior will be arranged for about 500 modern offices. There will be metal trim and metal window frames and sash. Steam heat, elevator service, vacuum cleaning system and mail chutes will be incorporated in the plans. The exterior of the building will probably be faced with pressed brick and terra cotta. Working drawings have been started and construction will probably be underway within four months.

OAKLAND, CAL.—Stores and offices, 15 story and base, Class A construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owners, Carlson and Snyder. The building is to be erected at the gore corner of 15th and Broadway, and has been fully described in these columns when plans were first started. Construction will include a steel frame, exterior walls of concrete faced with terra cotta, hollow tile interior partitions, fireproof doors, metal trim and metal window sash and frames. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Stores and offices, 7 story and base, Class A construction, \$180,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Isaac Hellman. The building will be erected on Spring street adjoining the Hibernian Building, and will have a frontage of 39 feet and a depth of 160 feet. There will be a complete steel frame, reinforced concrete walls, floor and roof, hollow tile interior partitions and suspended metal ceilings. The exterior will be faced with mat glazed terra cotta with a granite base. Interior trim will be of metal and oak with marble wainscoting. There will be metal window sash and frames. Steam heat, elevator service, a vacuum cleaning system and mail chutes are specified. Plans are complete and figures will be called for at once.

PASADENA, LOS ANGELES CO., CAL.—Stores and offices, 8 story and base, reinforced concrete. Cost not stated. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Matthew Slavin. The building will occupy one of the most important business corners and will cover an area of 50x90 feet. Construction will be of the reinforced concrete type throughout. There will be two stories on the first floor and a total of 100 offices on the upper floors. Interior partitions will be of metal lath and plaster. Interior finish will be of mahogany with marble wainscot and tile floors. There will be steam heat, elevator service and a vacuum cleaning system. Metal window sash and frames will be used. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL. Store and lofts, 3 story and base, Class C construction. Cost not stated. Architect,

W. S. Garrett, Currier Bldg., L. A. Owner, H. O. Vogel. The building will have a street frontage of 61 feet and a depth of 141 feet. The first floor will be fitted for store purposes and upper floors for light lofts. Interior finish will be of pine. There will be patent store fronts, metal window frames and sash and fireproof doors. A freight elevator will be installed. Exterior of the building will be faced with pressed brick. Plans are being revised and figures will be called for shortly.

LOS ANGELES, CAL.—Lofts, 3 story and base, reinforced concrete. Cost not stated. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owner, Billicke. The building is to be occupied partly by a laundry and the upper floors will be used for lofts. Construction will be of reinforced concrete throughout with metal window sash and frames. Interior will be finished in pine. The exterior of the building will be faced with cement plaster. The structure will cover an area of 45x74 feet. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, Class B construction, \$42,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Edward D. Silent & Co. Contractor, J. P. Atkinson, Story Bldg., L. A. Contract price, \$43,000.

THEATRES.

MARTINEZ, CONTRA COSTA CO., CAL.—Theatre, 2 story and base, Class C construction, \$25,000. Architects, Altwain Bros., Delger Bldg., Oakland. Owner, H. J. Curry. The building has been designed for a modern theatre and stores. The location is one of the best in the city. The theatre will have a seating capacity of 800 and will be properly ventilated and equipped with the most modern appliances. Interior will be finished in pine throughout. Patent store fronts will be used. The exterior of the building will be faced with pressed brick. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Theatre, 1 story and base, Class A construction, \$200,000. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owners, W. Parker Lyons and L. L. Cory. The building will be designed for a combination store and theatre building and will be fireproof throughout. A complete steel frame will be used with walls of brick faced with pressed brick and terra cotta. Interior finish will be of pine, hardwood and ornamental plaster. There will be a modern system of heating and ventilation. Floors will be of concrete. Complete stage equipment will be included in the building. Plans are being prepared.

IMPERIAL, IMPERIAL CO., CAL.—Theatre, 1 and 2 story and base, brick. Cost not stated. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, W. J. McHenry, Imperial. The building will cover an area of 50x135 feet and will contain several stories besides the main theatre portion, which will have a seating capacity of 800 people. Complete stage equipment will be included in the building. Interior finish will be of pine and ornamental plaster. There will be a modern ventilating system installed. The exterior of the building will be faced with pressed brick and cement plaster. Plans

are complete and in the hands of the owner who will take all figures on the work.

PORTLAND, ORE.—Theatre, 4 story and base, Class A construction. Cost not stated. Architect, Benj. G. McDougall, Sheldon Bldg., S. F. Owner, Calvin Held. This building will replace the old Pittcock Block and will contain besides the theatre the offices and an auxiliary steam plant of the Northwestern Electric Co. Construction will be of the Class A type throughout. Complete details of the building will be given in the next issue of the Building and Industrial News.

Contracts Awarded.

LOS ANGELES, CAL.—Theatre, 3 story and base, Class A construction, \$105,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Little Theatre and Institute of Fine Arts. Contractor, F. O. Engstrom, 5th and Seaton Sts., L. A. Contract price, \$105,000.

SEALED PROPOSALS.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Fine and Battery Streets, San Francisco, California, at 10:30 A. M., Thursday, April 3rd, 1913, for the construction of a **Pile Foundation for the Manufacturers Building** in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Fine and Battery Streets, San Francisco, California, at 11 A. M., Tuesday, April 15, 1913, for the **Installation of Machines, Sewer and Water Pipes of the Adventure Building**, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the

sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Tuesday, April 15, 1913, for the construction of the **Architecture Building**, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Tuesday, April 22, 1913, for the construction of the **Three Fire Stations** in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be



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considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut streets, San Francisco, by depositing \$25.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Twenty-Five Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Iron Washers, Nails, Screws, Tacks, Cotters, Shovels, Hose, Grindstones, Tackle Blocks, Valves, Belt Lacing, Emery Cloth, Sandpaper, Nash Cord, Railway Plugs, Mop Heads, Ship's Felt, Marline, Paper Clips, Pins, Rules, Paper, Lime and Beeswax.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., April 12, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 768) may be obtained from this office or the offices of the assistant purchasing agent, 1636 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash., Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 401 Custom House, San Francisco, Cal.—Sealed proposals for dredging in Oakland Harbor, Cal., will be received at this office until 1 o'clock a. m., April 14, 1913, and then publicly opened. Information on application. THOMAS H. REES, lieutenant colonel, engineers.

PROPOSALS FOR CANAL SUPPLIES.

CANAL SUPPLIES—768—Proposals for 8 cwt iron or steel, Wire Cable, Chain, Babbit Metal, Yellow Metal, Steel Brass, Bronze Bars, Brass Turning, Bronze Wire Cloth, Nuts, Cast

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Montrose, Colo., until 4 o'clock p. m., April 17, 1913, for the construction of about 6.2 miles of Solig extension canal and 3.1 miles of Peach Valley lateral, Uncompahgre Valley project, in the vicinity of Glacie, Colo. This work involves the excavation of about 171,500 cubic yards of material in open cut and 950 linear feet of tunnel. For particulars address the United States Reclamation Service, Montrose, Colo.;

519 Commonwealth Building, Denver, Colo., or Washington, D. C. MORRIS BREN, acting director.

PROPOSALS FOR CANAL SUPPLIES.

CANAL, CIRCULAR 763.—Proposals for Furnishing and Erecting Coal-Handling Machinery and Accessories for Two Coaling Plants.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington,

D. C., until 10:30 a. m. May 14, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 763) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

be taken by the architects.

PARISH HOUSE—2 story and base, frame, \$6,000. San Francisco. Architects, Welsh & Carey, Western Metropolitan Bank Bldg., S. F. Owner, Father Cullen. The house will contain seven or eight rooms and baths. Interior finish will be of pine and redwood with oak floors in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, O. E. Evans, 2132 Mission St., S. E. Owner, James Welsh. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath and ship-lap. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architect, Joseph Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co., Phelan Bldg. The dwelling will be similar to a number of other houses which have been erected by the same owner on property at De Soto and Holloway streets. Plans call for seven rooms with bath and sleeping porch. Interior will be finished in pine with some hardwood veneer and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling has been designed for an eight-room house with bath. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be open fire places and brick mantels. The exterior of the dwelling will be covered with cement plaster. Tile will be used in the bath room and kitchen. Plans are now being prepared for the work.

APARTMENT HOUSE—3 story and base, frame, \$5,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner's name withheld. The building will be erected on Cypress between Grant avenue and Stockton street, and has been arranged for apartments of three rooms and bath each. Interior finish will be of pine throughout. There will be wall beds. The exterior of the building will be covered with ship-lap and rustic. Plans are now being prepared.

APARTMENT HOUSE—8 story and base, Class A construction. Cost not stated. San Francisco. Architect, John Galen Howard, 601 Mission St., S. F. Owners, Selah Chamberlain and John W. Proctor. These two men have recently purchased property from three separate owners, located on California

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, Edward G. Bolles, 660 Market St., S. F. Owner, S. A. Born. The dwelling will be erected in West Clay Park on property adjoining that on which Mr Born has already constructed several handsome homes. There will be eight rooms and two baths, sleeping porch and a laundry in the house. Plans provide for a central heating system, open fire places and brick mantels. An automatic water heater will be installed. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. Tile will be used in the baths. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling has been designed for a six-room house with bath. Interior finish will be of pine throughout. Oak floors will be used in the living and dining rooms. There will be an open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with rustic and ship-lap. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCES—3, 2 story and base, frame, \$3,000 each. San Francisco. Architect, none. Owners, L. B. Edwards and J. B. Brewster, Mills Bldg., S. F. These houses, each of which has been designed for a seven room dwelling, will be erected in the Crown Terrace District. Interiors will be finished in pine and redwood with hardwood floors in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in all bath rooms and kitchens. The exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners are now purchasing all materials.

RESIDENCES—3, 2 story and base, frame, \$1,500 each. San Francisco. Architect, none. Owners, Conservative Building and Investment Co., Foxcroft Bldg., S. F. The houses will contain seven rooms and bath each. All interiors will be finished in pine and redwood. Oak floors will be used in the living and dining rooms and reception halls. There will be furnace heat and

open fire places. Mantels will be of brick. Tile will be used in the baths and kitchens. The exteriors of the houses will be covered with cement plaster on metal lath. Owners are now in the market for all kinds of materials. The work will be done by Day Labor.

BUNGALOWS—2, 1½ story and base, frame, \$2,000 each. San Francisco. Architect, none. Owner, J. S. Purcell, 856 Presidio Ave., S. F. The houses will be erected on Diamond street near 22nd street, and each has been designed for a six-room house with bath. Interiors will be finished in pine throughout. There will be open fire places and tile mantels. Hardwood floors will be used in the living and dining rooms. Tile will be used in the baths and kitchens. The exteriors will be covered with rustic and cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOWS—4, 1 story and base, frame, \$1,800 each. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. These dwellings will be erected on property recently purchased on Lishon street and each will contain five rooms and bath. Interior finish will be of pine throughout. There will be open fire places and tile or brick mantels. Some oak flooring is specified. There will be tile in the baths and kitchens. Exteriors will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

COMMUNITY HOUSE—2 story and base, frame and concrete, \$50,000. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. Preliminary plans are being prepared for a building which will house 18 dwellings, each designed for from five to six rooms. The structures will be in the Spanish Mission style and will occupy the center of a full Fifty Vara lot on Leavenworth street near Green. A large central court, which is to be laid out in gardens, will be a feature of the design. Interior finish will be of pine and hardwood with oak floors in the principal rooms. A central heating system will be housed in a separate building. Bath rooms will be finished in tile and tile will be used extensively in the kitchens. There will be open fire places and brick mantels. The exterior of the building will be covered with cement plaster on metal lath. A clay tile roof will be used. Plans are being prepared and when complete figures will

street and Mason. The property combined will have a frontage of 195 feet and a depth of 170 feet. The entire lot will be covered by a Class A building designed along the lines of the most modern apartment houses in New York city. Suites will comprise a number of rooms and will be elaborately finished. There will be steam heat, elevator service, dumb waiters, Vacuum cleaning and all other modern conveniences. Interior partitions will be of hollow tile and floors of concrete. The exterior will probably be faced with pressed brick and terra cotta. Preliminary plans have been prepared and working drawings will be started shortly.

APARTMENT HOUSE—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, S. Larsen, 79 Cortland Ave., S. F. The building will cover an area of 23x57 feet. The first floor will be arranged for a store and upper floor will contain three small apartments of three rooms and bath each. All interior finish will be of pine and redwood. There will be wall beds. The exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

APARTMENT HOUSE—6 story and base. Class C construction. Cost not stated. San Francisco. Architect not selected. Owner, L. C. Larsen, Crocker Bldg. Mr. Larsen, president of the L. C. Larsen Construction Co., has purchased the southeast corner of Sutter and Jones streets, and will erect a seven or eight story Class C apartment house. The building will cover an area of 160x107½ feet.

MILL—1 story, frame, \$3,500. San Francisco. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans are complete and work will be done by Day Labor for the construction of a one-story mill building, which is to be erected at the northeast corner of Kentucky and South streets. The owners are now purchasing all materials.

FLATS—3 story and base, frame, \$8,500. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Edward McKeever. The building will have a street frontage of 27 feet and a depth of 68½ feet. The first floor will be arranged for one store. Upper floors will contain four and five room flats with baths. Interior finish will be of pine throughout. Plate glass display windows will be used in the store. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures will be called for at once.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, John Kucish. The building is to be erected on Mason street between Chestnut and Lombard streets and has been designed to contain a number of four room flats with baths. All interior finish will be of pine. Tile will be used in the baths and kitchens. The exterior of the building will be covered with rustic and shiplap. Plans are being prepared and figures will be called for shortly.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, L. Pavan. The building will

be arranged for two stores on the first floor and two modern flats on the upper floors. Interior finish will be of pine throughout. All flats will have connecting baths. The exterior of the building will be covered with rustic and shiplap. Plans are nearly complete and figures will be taken this week.

FLATS—2 story and base, frame, \$7,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner's name withheld. The building will be erected on the south side of Greenwich street between Stockton and Grant avenue. Plans provide for four modern flats of five and six rooms each with bath. Interior will be finished in pine and hardwood veneer. Bath rooms will be finished with tile or brick mantels. The exterior of the building will be covered with rustic, brick veneer and shiplap. Plans are being prepared and when complete the work will be done by Day Labor.

HOTEL—5 story and base, brick and steel, \$25,000. San Francisco. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Bruce Cornwall. The building will be erected on the north line of Market street west of Gough. The first floor will be arranged for stores and the hotel lobby. Upper floors will be divided into modern hotel rooms with a number of private baths. There will be steam heat, hot and cold running water and elevator service. Interior finish will be of pine. Patent store fronts are to be specified. The exterior of the building will probably be faced with cement plaster. Plans are being prepared and figures will be called shortly.

HOTEL—5 story and base. Class C construction, \$40,000. San Francisco. Architect, Henry Shermund, Mills Bldg., S. F. Owners, Mersing Estate. The building will cover an area of 75x75 feet, and is to be erected at the northwest corner of 5th and Folsom streets. There will be five stores on the first floor besides a large hotel lobby and office. Upper floors will be arranged for 96 rooms and several baths. Interior finish will be of pine with some oak veneer in the lobby. Steam heat, elevator service and hot and cold running water will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—4 story and base, reinforced concrete, \$32,000. San Francisco. Architect, Philip Schwerdt, Pheasant Bldg., S. F. Owners, Wolf Bros. This building is to be erected on the west line of 6th street, south of Howard, and will have a frontage of 25 feet and a depth of 155 feet. The entire first floor will be used for the hotel office, lobby and parlors. Upper floors will contain a large number of guest rooms and baths. Interior will be finished in pine throughout. Some hardwood veneer will be used in the lobby and offices. Plans include steam heat, elevator service and a hot water plant. The exterior of the structure will be faced with cement plaster. Plans are being prepared.

TRACK SPECIALS AND MATERIALS—Cost not stated. San Francisco. Engineer, Assistant State Engineer, Jerome Newman, Ferry Bldg., S. F. Owners, State of California. Bids are now being called for by the State Board of Harbor Commissioners for furnishing a large amount of track

specials. A complete list of these specials can be seen by consulting the Official Proposal which appears in another column of this issue. Bids will be opened on April 3rd. Plans and specifications can be had from the Assistant State Engineer.

STORES AND OFFICES—2 story and base, brick. Cost not stated. San Francisco. Architects, C. M. and A. F. Rousseau, Monadnock Bldg., S. F. Owners, James T. Sweeney. The building is to be erected on the south side of Geary street east of Van Ness avenue. The first floor has been leased to an automobile firm. Upper floor will be used for either lofts or may be subdivided into living rooms. Interior finish will be of pine and some hardwood. Considerable tile and marble will be used. The exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND LOFTS—6 story and base, brick and steel. Cost not stated. San Francisco. Architect, John Reid, Jr., Chronicle Bldg., S. F. Owners, Hind Estate. The building will be erected on California street, west of Front, and will cover an area of 60 feet 8½ inches by 127½ feet. A complete steel frame will be used. There will be several stores on the first floor and upper floors will be arranged for lofts and offices. Metal window frames and sash are specified. There will be steam heat, elevator service and fireproof doors. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken on the various parts of the work.

OFFICE BUILDING—10 or 12 story and base. Class A construction, \$1,000,000. San Francisco. Architect, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owners, Hobart Estate. This building will be erected on the north side of Market street, just east of Montgomery and adjoining the Nevada Bank Building. The lot has a Market street frontage of 92 feet and is irregular in shape, extending through to Sutter street where it has a frontage of 118 feet. Construction will be fireproof throughout with a complete steel frame, interior partitions of hollow tile, concrete floors and brick filler walls. The matter of height is still an open question and plans will be prepared with a steel frame of sufficient strength to carry twelve stories at the least. Interior will be arranged for about 300 modern offices. There will be metal trim and metal window frames and sash. Steam heat, elevator service, vacuum cleaning system and mail chutes will be incorporated in the plans. The exterior of the building will probably be faced with pressed brick and terra cotta. Working drawings have been started and construction will probably be underway within four months.

AGRICULTURAL BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works P. L. K. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans are complete and bids will be opened on April 15th at 11 a. m. for the general construction of the Agricultural Building. Separate bids are being taken for the general construction, the installation of plumbing, water pipes and sewers. Plans can be secured from the Director of Works. The official proposal appears in another column of this issue.

PILE FOUNDATION—Cost not stated. San Francisco, Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on April 3rd for the construction of a pile foundation for the Agriculture Building. Plans can be secured from the Director of Works. Official proposal appears in this issue under the heading of Official Proposals.

CONDUIT SYSTEM—Cost not stated. San Francisco, Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened in accordance with the official proposal which appears in another column of this issue on April 10th for the construction of a conduit system in the Exhibit Building Section of the Harbor View Site. Plans can be secured from the Director of Works.

PILE FOUNDATION—Cost not stated. San Francisco, Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on April 3rd for the construction of a pile foundation for the Manufactures Building. Plans can be secured from the Director of Works at the Service Bldg. Official proposal appears in this issue under the head of Official Proposals.

Contracts Awarded.

PILE FOUNDATION—Cost not stated. San Francisco, Architect, Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Contractors, Healy-Tibbitts Construction Co., S. F. Contract price, 24.3-10c per lineal foot. The contract calls for furnishing 205,000 lineal feet.

Largest Barracks For The Presidio.

Citadel Barracks, Latest in Military Architecture, Will be Erected at The Presidio.

To House A Whole Regiment.

Plans for Largest Barracks Building in United States Have Been Sent to Washington For Approval.

Plans have been prepared in the Constructing Quartermaster's Office at Fort Mason for the largest barracks building ever designed for the War Department. Plans for the building, which is to be erected at the Lombard street entrance of the Presidio, are the outgrowth of many careful study and experience on the part of General Murray and embody many unique ideas. The building will be known as a Citadel Barracks and will house one complete infantry regiment.

The building has been designed in the Mission style and will cover a ground area of 550 feet square. The structure will be three stories in height, arranged around an inner court 300 feet square. There will be two towers on the front facade with large heavy buttresses at the corners. Three sides of the building will be devoted to quarters for the twelve companies, each side being arranged for a battalion. Administration section, sixteen lieutenants' quarters, officers' club, ma-

chine and band section, a large gymnasium, exchange, shooting gallery, bowling allies and quartermaster's store will occupy the main facade.

Reinforced concrete construction will be used throughout and the building will be fireproof. Magnesite will be used over all concrete floors. The latest and most improved oil burning system will be used for heating and cooking. A total of over 450 plumbing fixtures will be required. The exterior will be faced with cement plaster.

One of the unusual features of the design is that the building will have but one main entrance, thus enabling one sentry stationed at the main gate to control the entire building. All entrances to each section open off of the main court and access to the building can be gained only through the main gate.

Preliminary estimates have placed the cost of the building at \$689,000 and while no special appropriation has been asked for it is expected that this amount will be provided for in the Sundry Civil Bill.

Plans have been completed by the Constructing Quartermaster's Office at Fort Mason and proposals are being called for on the grading of the parade grounds at Fort Winfield Scott. Bids will be opened on April 4th. The parade ground will cover about 12½ acres. Concrete drainage gutters will be constructed on the lower side. After the ground has been brought to grade it will be seeded to Australian rye grass and creeper and rolled.

Architects' Exhibit Draws Big Crowds.

Special Evenings Have Been Allotted to Various Improvement Clubs and Attendance is Large.

Tuesday evening was Mission Improvement Club right at the exhibition of the San Francisco Architectural Club in the Hale Building, Fifth and Market streets. Each night henceforth, throughout the period of the exhibition, which will close April 5, there will be some special social feature devoted to some improvement or other civic club or association. Wednesday night will be given to the Fillmore Street Improvement Club; Thursday night to the various women's clubs of the city; Friday to the Down Town Association; Saturday to the Civic League of Improvement Clubs.

Next week, Monday will be Ashbury Heights Improvement Club night; Tuesday, San Francisco Real Estate Board night; Wednesday, Sunset Improvement Club night; Thursday, Richmond Improvement Club night.

Music will be provided every night as well as every afternoon. The crowds in attendance at the exhibition grow large daily. The models and drawings of the buildings and other structures of the Panama-Pacific Exposition and of the new San Francisco Civic Center, attract great interest and, in addition, there are striking displays of the best architectural and decorative art work of this country as well as of some foreign countries. The display of building materials is the best ever shown in this city.

The exhibition is open from 10 A. M. to 10 P. M., and admission is free.

General Contractors' Ass'n. Subscribe Aid.

Large Sum From The Association and Members Will be Sent to Relief of Flood Victims.

The General Contractors' Association at its meeting of Stockholders held last Thursday night voted \$1000 from its general fund and the members present pledged another \$1000. At yesterday's general gathering of Stockholders and Associate Members another \$1000 was pledged, making in all over Three thousand dollars from the General Contractors' Association for the benefit of the sufferers in the late floods in the East.

The General Contractors' Association is a wide awake organization and a power for good in this city.

State Highway Con- tracts Are Awarded.

Four Contracts Let For State Highway Work and Bids will Shortly Be Called on More Work.

The following contracts were awarded at the last meeting of the State Highway Commission:

In Santa Clara county, from Edenvale to Morgan Hill, 13 miles, concrete base with bituminous top, to Richard Keating & Sons, San Francisco, \$49,396.

In Stanislaus county, from a point near Modesto to the northern county boundary, 7 miles, oiled concrete, to Considine & Bates, Los Angeles, \$32,389.

In Mendocino county, between Ukiah and Forsyth Creek, macadam, two miles, to David Sawyers and Charles Whited, \$53,313.

In San Mateo county, between Redwood City and the south county boundary, asphalt concrete on old macadam, 3.3 miles, to S. P. Doyle, \$41,720.

Bids will be called for at once on five sections more located as follows:

In San Mateo county, between San Mateo and Beresford, macadam base and asphaltic concrete surface, 2 miles.

In Santa Clara county, between San Jose and Edenvale, macadam with asphaltic top, 4.35 miles.

In Ventura county, between south county boundary and Newberry Park, oiled concrete, 7.34 miles.

In Stanislaus county, various parts of the highway between Turlock and Ceres.

In Yuba county, various parts of the highway between Morrison's Crossing and Marysville.

Architectural Exhibit Opens Final Week.

Sixth Annual Exhibit of the San Francisco Architectural Club Draws Record Crowds.

The first week of the exhibition of the San Francisco Architectural Club, which ended last Saturday, was eminently successful in every way. Every afternoon and evening the exhibition

rooms, on the fourth floor of the Hale Building, Fifth and Market streets, were thronged with visitors, attracted not only by the array of models, plans, sketches and prints of the Panama-Pacific Exposition and Civic Center buildings, but by the wide variety of other architectural and decorative art exhibits.

Designs of buildings contemplated or under construction, photographs of noted structures already completed, decorative statuary and bas-relief, parkings, courts, arcades, fountains, interiors, stairways, colonnades and other features of highest merit elicited much commendation from all.

A notable feature of the exhibition is the display of building materials, which is one of the best ever seen on the Pacific Coast. It includes materials for practically every structural use and a wide range of ornamental materials, for use in public, business and private buildings. The latest advance in structural work have been given due prominence and the general arrangement of all the exhibits, both individually and collectively, is most effective.

The exhibition will be open every day this week, from 10 A. M. to 6 P. M. and from 8 to 10 P. M. The evenings of the week have been allotted to several of the local improvement clubs and their friends, although the general public is admitted at all times. It is planned during the week to have lectures delivered on appropriate subjects by competent architects, artists and builders.

Admission to the exhibition is free.

Buiders' Exchange Elect Officers.

The following officers have been chosen to conduct the affairs of the Builders' Exchange of San Francisco for the ensuing year:

President, James A. Wilson.
Vice-President, R. H. Forbes.
Secretary, R. J. H. Forbes.
Treasurer, C. W. Withington.
Financial Secretary, S. A. D. Schenck.
Assistant Financial Secretary, Wm. J. Carberry.

Door Keeper, B. R. Wolcott.
DIRECTORS—Alex. Mennie, J. J. Phillips, M. F. Gale, O. E. Brady, H. Maundrell, R. A. Chisholm and Robt. Dewar.

The Exchange also voted \$1000 as a donation to the Red Cross Society for the benefit of the sufferers of the recent Eastern floods.

The Builders' Exchange now has a membership of five hundred firms representing all crafts in the building line.

Award First Contract For New City Hall.

Contra Costa Construction Company
Will Excavate Site For New Building For Sum of \$23,950.

The Board of Public Works, at their meeting Wednesday afternoon, formerly awarded the contract for the excavating of the foundation of the new City Hall to the Contra Costa Construction Company on their bid of \$23,950. Due consideration was given to the claim of the Daniel O'Day Company that their bid of \$24,000 was lower when considered on a unit basis, but the original award of the work made last week was upheld, the bid of \$23,950 appearing to be to the best interest of the City and County.

Work will be started at once on the excavating and the first contract for the construction of the new City Hall will be under way within a few days.

Contract Awarded On Pile Foundation.

Healy-Thibbitts Construction Company
Will Put Pile Foundation Under
Transportation Building.

Bids were opened Thursday morning for the pile foundation for the Transportation Building, which is to be erected on the Harbor View site for the Panama-Pacific International Exposition Company. Bids were opened by the Buildings and Grounds Committee. Figures were asked for on a unit price per linear foot. The total amount of piling to be furnished is 205,000 linear feet. The following bids were received:

Pile Foundation Work.

Foster-Voigt Co., \$26 3-8 per linear foot.

J. Mott, \$26 per linear foot.
Pacific Construction Co., \$24 3-8 per linear foot.

Contra Costa Constr. Co., \$24 7-10 per linear foot.

Healy-Thibbitts Constr. Co., \$24 3-10 per linear foot.

Mercer-Fraser Co., \$24 9-10 per linear foot.

F. Rolandi, \$29 7-8 per linear foot.
Hyde-Hodges Co., \$26 per linear foot.

The contract has been awarded to Healy-Thibbitts Construction Company on their bid of \$24 3-10.

BUILDING SUPERINTENDENT.

Glacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded

San Francisco.

1080	Nelson	Nelson	2500
1085	Born	Born	7000
1086	Gluck	Gluck	6400
1087	Zupar	Crandall	2500
1088	Hooper	Hooper	4400
1089	Larsen	Larsen	3900
1090	Nelson	Nelson	2500
1091	Reese	Stiefel	5397
1092	Mast	Stevenson	1250

E. H. Williams

Chalmer Munday

Munday & Williams

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615 Phelan Building, San Francisco

1093	Campodonico	Demartini	8900
1094	Lobucca	Crawford	5000
1095	Laubert	Kleeman	1600
1096	Wetzel	Diston	650
1097	Giovannetti	Owner	600
1098	Lewis	Nielsen	500
1099	Finher	Hanley	600
1100	Guglielmetti	Owner	600
1101	Spreckels	Carr	650
1102	O'Brien	O'Brien	500
1103	Olsen	Olsen	1200
1104	Millis	Belva	1000
1105	McQuaide	Sullivan	400
1106	Cavaglieri	Owner	1250
1107	Same	Same	1250
1108	Same	Same	1250
1109	Edwards	Brewster	3000
1110	Same	Same	3000
1111	Same	Same	3000
1112	Cons Bldg Co.	Owner	4500
1113	Same	Same	4500
1114	Same	Same	4500
1115	Masonic Temple	Beach	23568
1116	Young	Rialto	700
1117	Masonic Temple	Zella	21200
1118	Boyd	Watson	4523
1119	Mutual Am.	Rose	8920
1120	Int. Fed. Tr.	Rudgear	2150
1121	Fuller	Nilsson	1750
1122	Fuller	Nilsson	1750
1123	Christen	Tomnitz	1850
1124	Errico	Devenenzi	6000
1125	Mathison	Bjornas	2500
1126	Dunkel	Gott	1825
1127	Michael	Callaghan	2000
1128	Campodonico	Solan	8000
1129	Ferreiros	Roberts	1400
1130	Ohlsen	Ohlsen	1000
1131	Tienroth	Forsyth	4500
1132	Bergna	Martinelli	5300
1133	Vannuccio	Farnocchia	1850
1134	Lesser	Moise	700
1135	Umben	Svenson	2503
1136	Eschen	Fisher	11650
1137	Ginocchio	Owner	1500
1138	Kincannon	Owner	12500
1139	Strauss	Monson	600
1140	Warden	Warden	1400
1141	Stratford	Novelty	500
1142	Mistel	Wood	500
1143	Baer	Baer	750
1144	McKeever	McKeever	8500
1145	Wieneka	McMullin	15000
1146	Ford	Woodall	400
1147	Ferro	Cuneco	2100
1148	Fuller	Nilsson	2470
1149	Gray	Leigh	3700
1150	Purcell	Purcell	1850
1151	Purcell	Purcell	1950
1152	Brandenstein	Fagan	2000
1153	Anderson	Anderson	1700
1154	Coffman	Coffman	400
1155	Franchini	Ratto	400

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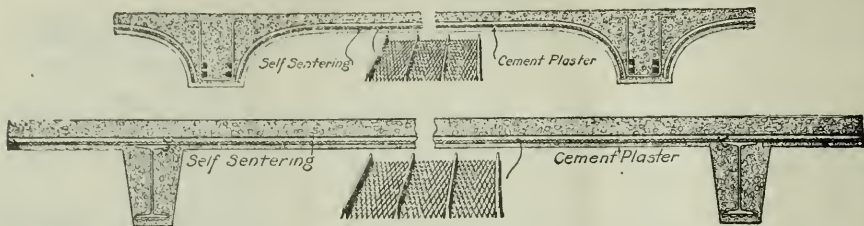
White Bros.

5th & Brannan Sts. San Francisco

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H. B. WILLSON & CO. Patent Attorneys
Box 239 Willson Bldg. WASHINGTON, D. C.



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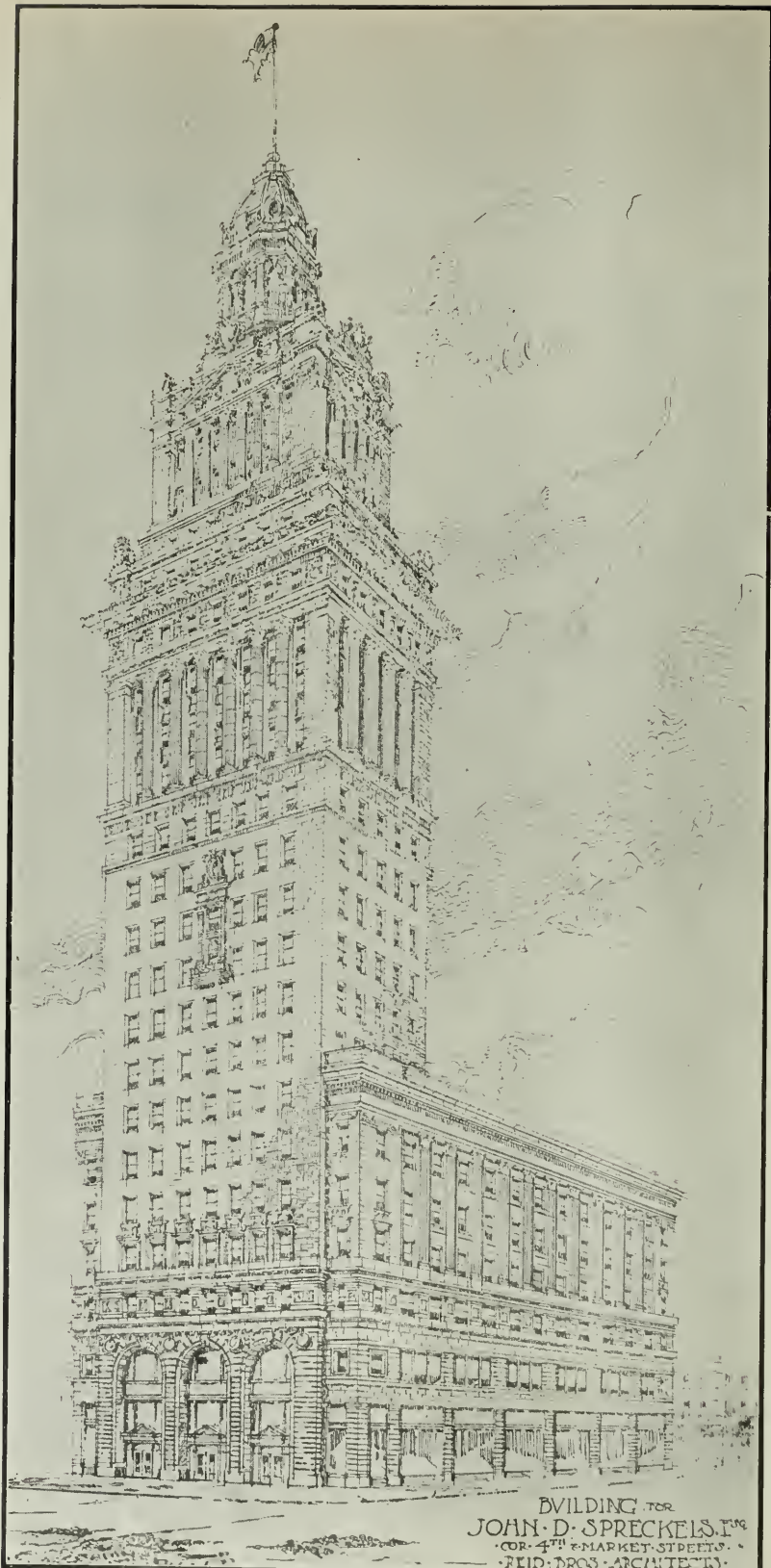
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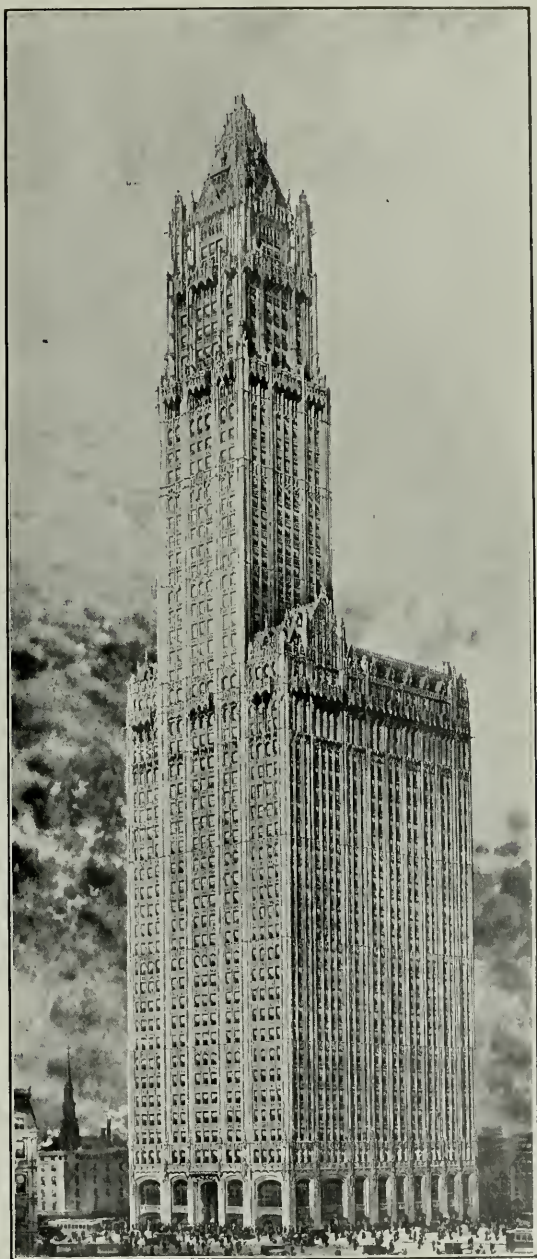
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SAN FRANCISCO



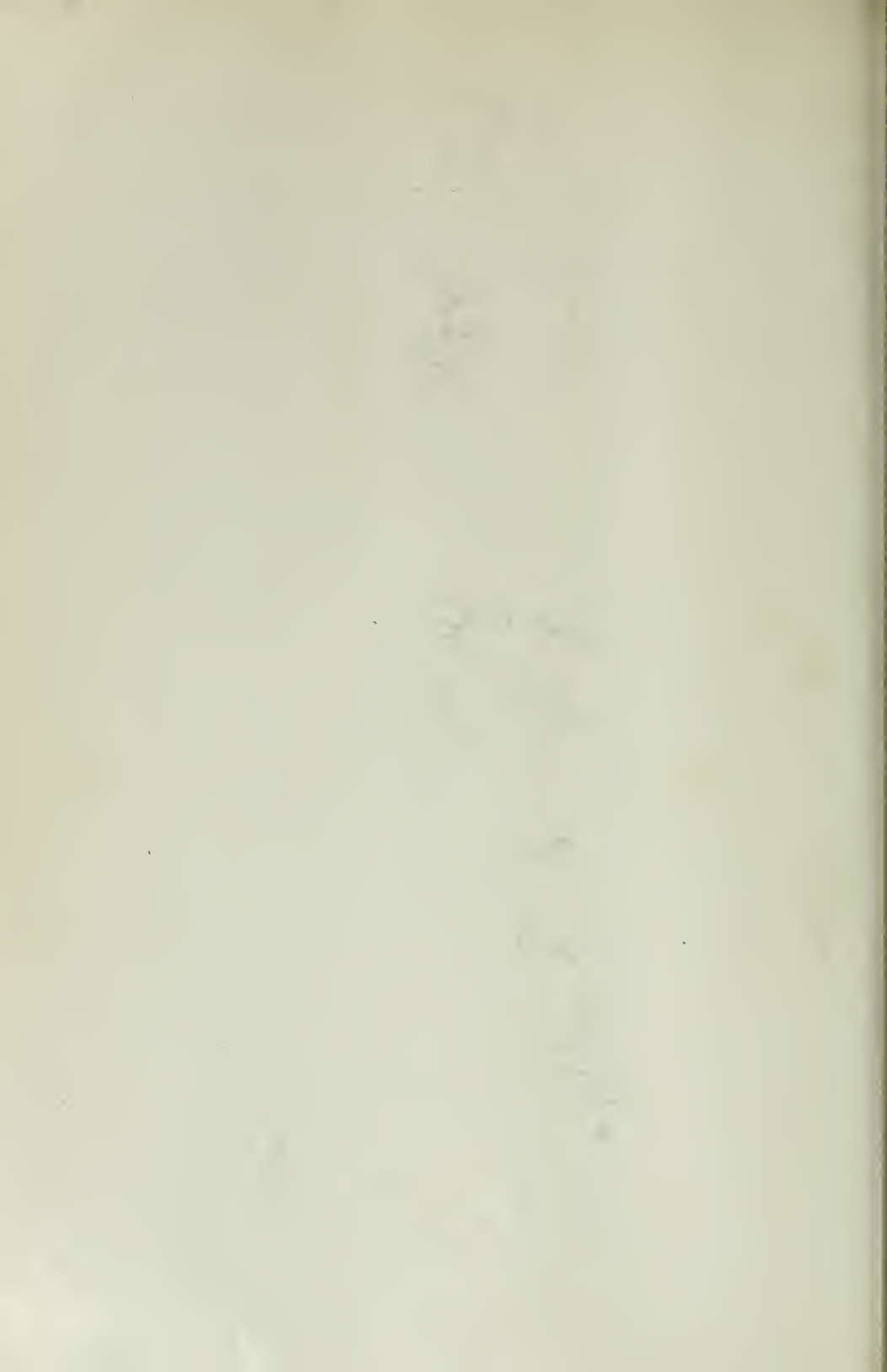


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New York



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Frank Neidick

Carpenter and Builder

Phone Mission 5126



2669A Howard St., Bet. 22 nd and 23rd

San Francisco

As a carpenter and builder, Mr. Neidick has had twenty-two years of experience, during which time he has mastered the business in all its details and has established an excellent reputation for the high character of his work. This statement is proven by the fact that he has built fifty-six flats for one man all of which were erected in the most satisfactory manner. Not only is the work of Mr. Neidick of the highest standard, but his business relations with the public are characterized by the strictest integrity. Mr. Neidick has brought to a successful issue many contracts throughout this city, which stand as a testifying demonstration for his knowledge and ability in his line of business. He is also a prominent stockholder of the General Contractors' Association.

1156	Kolb	Suton	500
1157	Am Marble	Owner	450
1158	Edwards	Edwards	500
1159	Van Bergen	Johnson	1138
1160	Jakob	Bateman	625
1161	Goeggel	Rankin	5800
1162	Raisch Impt	Raisch	1000
1163	Clogg	Miller	100
1164	Urban	Urban	4000
1165	Kittle	Drew	500
1166	Brandenstein	Pagan	1000
1167	Brandenstein	Pagan	1000
1168	Wo Chong	Saloman	500
1169	Roberts	Behmn	1000
1170	Contl Bldg	Wilson	500
1171	Moynihan	Owner	500
1172	Helmholz	Owner	1000
1173	Bjorkman	Owner	1800
1174	Southern Pacific	Owner	3500
1175	Doe	Cal Concrete	1077
1176	Cath Archb	McLaughlin	14160
1177	Same	Fennell	1422
1178	Wilson	Brittain	1370
1179	Frankhauser	Berger	7290
1180	Abrams	Lemons	1700
1181	Barrett	Bartlett	2365
1182	Hecht	Lindgren	33500
1183	Olsen	Patterson	600
1184	Mehan	Segerson	450
1185	Conner	Thunberg	800
1186	Binning	Craemer	1000
1187	Dairy Del	Wolf	1000
1188	Bender	Bender	2900
1189	Cath Archb	Butcher	13400
1190	Ford	American E E	5773
1191	Naphtaly	Vezina	21945

Contractor..S. A. Born Bldg. Co., 660
Market, San Francisco.

COST, \$7000

(1086) S UNION 137-6 W Taylor. Two
story and basement frame (2) flats.
Owner.....L. A. Giusti, 732 Mont-
gomery, San Francisco.

Architect...None.

Day's work.

COST, \$6400

(1087) W NINTH AVE 75 N Ortega.
One-story and basement frame resi-
dence.

Owner.....William G. Zupar, 1095
Mission, San Francisco.

Architect...None.

Contractor..Zupar & Crandall, 1095
Mission, San Francisco.

COST, \$2500

(1088) SE SEVENTEENTH AVE AND
Clement. Two-story frame (2) stores
and (2) flats.

Owner.....B. J. Hooper, 450 12th Ave.
San Francisco.

Architect...None.

Day's work.

COST, \$4400

(1089) NW COURTLAND AVE AND
Prospect. Two-story and basement
frame store and two flats.

Owner.....S. Larsen, 37 Courtland
Ave., San Francisco.

Architect...None.

Day's work.

COST, \$3900

(1090) E TENTH AVE 155 S Cabrillo.
Two-story and basement frame resi-
dence.

Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.

Architect...None.

Day's work.

COST, \$2500

(1092) E EIGHTH AVE 100 S Lincoln
way S 25xE 120. All work for two-
story frame flats.

Owner.....C. T. Reese, 1301 12th Ave.
San Francisco.

Architect...Plans by Contractor.

Contractor..Jno. V. Stiefel, 633 Anza,
San Francisco.

Filed Mar. 24, '13. Dated Mar. 19, '13.

Frame up\$1349

Brown coated 1349

Completed 1349

Usual 35 days..... 1350

TOTAL COST, \$5397

Bond, \$1350. Sureties, Thos. Moore and
Phillip Boien. Limit, 90 days after Mar.
24. Forfelt, none. Plans and specifica-
tions filed.

(1092) E BOUTWELL 289.60 N Silver
Ave N 25xE 100 Cement, carpenter,
plaster, painting, plumbing, tinning
and mill work for one-story and base-
ment frame cottage.

Owner.....Herman A. and Lena Mast,
215 28th, San Francisco.

Designer..Stevenson & Gowan.

Contractor..Stevenson & Gowan, 125
Girard, San Francisco.

Filed Mar. 24, '13. Dated Mar. 22, '13.

Frame up\$312 50

Brown coated 312 50

Completed 312 50

Usual 35 days..... 312 50

TOTAL COST, \$1250 00

Bond, none. Limit, 90 days. Forfelt,
none. Plans and specifications filed.

(1093) SW PACIFIC AND AUBURN.
All work for three-story and frame (6)
flats.

Owner.....Caterina Compodonico.

Designer...V. J. Solar, 1420 Taylor,
San Francisco.

(1084) W SIXTEENTH AVE 175 S
Clement. Two-story and basement
frame residence.

Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.

Architect...None.

Day's work.

COST, \$2500

(1085) S WEST CLAY 120 W 22nd Ave.
Two-story and basement and attic
frame residence.

Owner.....S. A. Born, 66 Market, S. F.

Architect...E. C. Balles, 660 Market,
San Francisco.

Contractor...Paul Demartini, 451 Columbus Ave., S. F.
 Filed Mar. 24, '13. Dated Mar. 18, '13.
 Frame up and roof completed...\$2000
 Brown coated 2000
 Accepted 2000
 Usual 35 days 2000
TOTAL COST, \$8000
 Bond, \$4000. Sureties, G. B. Cordano and L. Demartini. Limit, 90 days. For-

(1094) E CAPITOL 100 S Farrallones.
 One-story frame residence.
 Owner.....J. Loba, 374 Capitol, San Francisco.
 Architect...None.
 Contractor...A. J. Crawford, 131 Farrallones, San Francisco.
COST, \$500

(1095) E SANCHEZ 105 N Duncan.
 One-story and basement frame dwlg.
 Owner.....S. Lambert, 41 Summer, San Francisco.
 Architect...None.
 Contractor...Wm. Kleeman, 188 Page, San Francisco.
COST, \$1000

(1096) NO. 628 FIFTH AVE. Add 2 rooms, concrete foundation and alter.
 Owner.....Theo. Wetzel, Premises.
 Architect...None.
 Contractor...Disston & Hatfield, 322 Parnassus Ave., S. F.
COST, \$650

(1097) W HEARST 225 E Edna. One-story and basement frame dwelling.
 Owner.....V. Giovannetti, 615 Bosworth, San Francisco.
 Architect...None.
 Day's work. **COST, \$600**

(1098) NOS. 255-255½ CLINTON PARK. Remove and build new porch and stairs.
 Owner.....Mrs. T. Lewis, — Bryant, San Francisco.
 Architect...None.
 Contractor...J. F. Nielsen, 2350 Bryant, San Francisco.
COST, \$500

(1099) W THIRTY-THIRD AVE 225 N Vincente. One-story and basement frame dwelling.
 Owner.....H. Filmer, 864 Ellis, S. F.
 Architect...None.
 Contractor...Fred Hanley, 5th and Bryant, San Francisco.
COST, \$500

(1100) NO. 594 PARIS. Add one and one-half-story frame to dwelling.
 Owner.....M. Guglielmetti, Premises.
 Architect...None.
 Day's work. **COST, \$600**

(1101) W FRONT 84 N Market. Erect mezzanine floor.
 Owner.....Mrs. A. B. Spreckels.
 Architect...G. A. Applegarth, 1800 Call Bldg., San Francisco.
 Contractor...J. W. Carr, 180 Jessie, San Francisco.
COST, \$650

(1102) NW INGERSON & INGALS. One-story and basement frame dwlg.
 Owner.....Richard O'Brien, 922 Ingerson, San Francisco.
 Architect...None.
 Day's work. **COST, \$500**

(1103) N DUNCAN 81-2 E Noc. One-story frame residence.

Owner....Frank Olson, 427 Duncan, San Francisco.
 Architect...None.
 Day's work. **COST, \$1200**

(1104) NO. 308 LAUREL. Repair and alter residence.
 Owner.....Mrs. W. H. Mills, Premises.
 Architect...None.
 Contractor...T. J. Donovan, 1477 6th Ave., San Francisco.
COST, \$1000

(1105) SW FOURTH AND BLOXUME. Ventilate hotel.
 Owner.....A. T. McQuaide.
 Architect...None.
 Contractor...D. J. and T. Sullivan, 1942 Folsom, San Francisco.
COST, \$400

(1106) E SAN BRUNO 150 N 19th. One-story and basement frame residence.
 Owner.....C. Cavaglieri, 593 Potrero Ave., San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Day's work. **COST, \$1250**

(1107) E SAN BRUNO 125 N 19th. One-story and basement frame residence.
 Owner.....C. Cavaglieri, 593 Potrero Ave., San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Day's work. **COST, \$1250**

(1108) E SAN BRUNO 100 N 19th. One-story and basement frame residence.
 Owner.....C. Cavaglieri, 593 Potrero Ave., San Francisco.
 Architect...O. E. Evans, 2367 Mission, San Francisco.
 Day's work. **COST, \$1250**

(1109) W CROWN TERRACE 211 S Clarendon. Two-story and basement frame residence.
 Owner.....L. B. Edwards and J. B. Brewster, Mills Bldg., S. F.
 Architect...None.
 Day's work. **COST, \$3000**

(1110) W CROWN TERRACE 236 S Clarendon. Two-story and basement frame residence.
 Owner.....L. B. Edwards and J. B. Brewster, Mills Bldg., S. F.
 Architect...None.
 Day's work. **COST, \$3000**

(1111) W CROWN TERRACE 261 S Clarendon. Two-story and basement frame residence.
 Owner.....L. B. Edwards and J. B. Brewster, Mills Bldg., S. F.
 Architect...None.
 Day's work. **COST, \$3000**

(1112) W FOURTEENTH AVE 75 N Clement. Two-story and basement frame residence.
 Owner.....Conservative Bldg. & Invest Co., 68 Post, San Francisco.
 Architect...None.
 Day's work. **COST, \$4500**

(1113) W FOURTEENTH AVE 100 N Clement. Two-story and basement frame residence.
 Owner.....Conservative Bldg. & Invest Co., 68 Post, San Francisco.
 Architect...None.
 Day's work. **COST, \$4500**

(1114) W FOURTEENTH AVE 50 N Clement. Two-story and basement frame residence.
 Owner.....Conservative Bldg. & Invest Co., 68 Post, San Francisco.
 Architect...None.
 Day's work. **COST, \$4500**

(1115) NW VAN NESS AVE AND OAK W 157-6 N 80 W 21 N 40 E 137-6 S 120. Furniture, carpets, linoleum, shades, draperies, or curtains, stage curtain and canopy Eastern Star, etc. for building.

Owner.....Masonic Temple Association of California.
 Architect...Bliss & Faville, Balboa Bldg., San Francisco.
 Contractor...Beach-Robinson Co., 424 Post, San Francisco.
 Filed Mar. 25, '13. Dated Mar. 1, '13.
 Payments on last of each month of 75%
 Usual 35 days, 25% \$6392.01
TOTAL COST, \$25,568.05
 Bond, \$12,784. Surety, Fidelity & Deposit Co. of Maryland. Limit, Aug. 1, 1913. Forfeit, none. Plans and specifications filed.

(1116) N O'FARRELL 80 W Devisadero W 95 N 137-6 E 150 S 25 E 25 E 20 S 87. Electric wiring for alterations and additions for two and three story brick building.

Owner.....The Young & Swain Baking Co., 1433 California, S. F.
 Architect...Ross & Burgren, 310 California, San Francisco.
 Contractor...Rialto Elec. Company.
 Filed Mar. 25, '13. Dated Mar. 20, '13.
 Payments on 1st and 15th of each month of 75%
 Usual 35 days, balance..... 25%
TOTAL COST, \$2746.40
 Bond, \$1375. Surety, American Surety Co. of New York. Limit, none. Forfeit, \$10. Plans and specifications filed.

(1117) NW VAN NESS AVE AND OAK. Painting furniture, supplying arm chairs for building.

Owner.....Masonic Temple Association of California.
 Architect...Bliss & Faville, Balboa Bldg., San Francisco.
 Contractor...Furniture Shop (Jno. Zelle) 1717 California, S. F.

Filed Mar. 25, '13. Dated Mar. 20, '13.
 Payments on 1st of each month of 75%
 36 days after 25%
TOTAL COST, \$21,200
 Bond, \$10,600. Surety, Globe Indemnity Co. Limit, Aug. 1, 1913. Forfeit, \$20. Plans and specifications filed.

(1118) SW NATOMA AND FIFTH 75 on Natoma and 55 on 5th. All work except plumbing and electric wiring for one-story brick warehouse.

Owner....Boyd Investment Co., 224 Powell, San Francisco.
 Agents.....Ashten & Gardiner.
 Contractor...Sydney Watson and A. W. Bryant, 180 Jessie, S. F.
 Filed Mar. 25, '13. Dated Mar. 13, '13.
 Work done, etc., each week..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$4553

Bond, none. Limit, 30 days. Forfeit, plans and specifications, none.

(1119) SW CLAY AND FILLMORE E 60-8½ W 118-9 N 60-8½ W 118-9. All work except electrical work and grading for one-story building (store and nickelodeon.)

Owner.....Mutual Amusement & Investment Co., 618 Broadway, San Francisco.
 Architect...A. F. & O. M. Rousseau, 441 Monadnock Bldg., S. F.
 Contractor...L. A. Rose, 631 29th, S. F.
 Filed Mar. 25, '13. Dated Mar. 24, '13.
 Frame up and roof on.....\$2460
 Brown coated.....2000
 Completed and accepted.....2230
 Usual 35 days.....2230
 TOTAL COST, \$8920
 Bond, \$4460. Surety, Massachusetts Bonding & Insurance Co., Limit, 65 days after grading done. Forfeit, none. Plans and specifications filed.

(1120) NW MONTGOMERY & POST. Alterations of bank fixtures in First National Bank Building.
 Owner.....First Federal Trust Co.
 Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
 Contractor...Rudgear-Merle Co., Bay & Stockton, San Francisco.
 Filed Mar. 25, '13. Dated Mar. 19, '13.
 On 1st of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2150
 Bond, \$1100. Sureties, A. E. and R. A. Sharboro. Limit, 1 month from May 1, 1913. Forfeit, \$10. Plans and specifications filed.

(1121) E SAN GABRIEL 207 S Santa Rosa. One-story and basement frame dwelling.
 Owner.....Lyman T. Fuller, 111 Liberty, San Francisco.
 Architect...None.
 Contractor...N. F. Nilsson, 355 Cole-ridge, San Francisco.
 COST, \$1750

(1122) E SAN GABRIEL 237 S Santa Rosa. One-story and basement frame dwelling.
 Owner.....Lyman T. Fuller, 111 Liberty, San Francisco.
 Architect...None.
 Contractor...N. F. Nilsson, 355 Cole-ridge, San Francisco.
 COST, \$1750

(1123) N DAY 205 W Sanchez. One-story and basement frame dwlg.
 Owner.....Edw. Christen, 2771 Howard, San Francisco.
 Architect...None.
 Contractor...E. F. Tommitz, 22 Caine Ave., San Francisco.
 COST, \$1850

(1124) S GREEN 47 E Kearny. Three story and basement frame flats.
 Owner.....F. Errico, 331 Green, S. F.
 Architect...J. J. Devencenzi, 1069 Union, San Francisco.
 Contractor...Devencenzi Bros. & Co., 1069 Union, San Francisco.
 COST, \$6000

(1125) W ELEVENTH AVE 150 N Noriega. Two-story and basement frame residence.
 Owner.....Thomas L. Mathisen, 1181 Treat Ave., San Francisco.
 Architect...None.
 Contractor...A. Bjoraa, Oakland.
 COST, \$2500

(1126) S CLEMENT 100 W First Ave. Raise cottage and add store.
 Owner.....Henry Dunkel, 11 Clement, San Francisco.
 Architect...None.
 Contractor...Willis L. Gott, 229 11th Ave., San Francisco.
 COST, \$1825

(1127) NO. 1210 STANYAN. Raise cottage and add one story under same.
 Owner.....Jas. Michael, Premises.
 Architect...None.
 Contractor...Callaghan Bros., 909 Clayton, San Francisco.
 COST, \$2000

(1128) SW PACIFIC AND AUBURN. Three-story and basement frame (6) flats.
 Owner...C. Campodonico, 855 Broadway, San Francisco.
 Architect...Victor J. Solan, 1420 Taylor, San Francisco.
 Day's work.....COST, \$9000

(1129) N MATEO 25 W Chenery. One and one-half-story and basement frame dwelling.
 Owner.....L. Ferreiros, 3289 Mission, San Francisco.
 Architect...None.
 Contractor...Louis J. Roberts, 92 Ramona, San Francisco.
 COST, \$1400

(1130) SE TWENTY-FIRST & VIEW. One-story and basement frame dwlg.
 Owner.....Marie Ohlsen, 2869 Harrison, San Francisco.
 Architect...A. H. Neuendorff, 1317 Utah, San Francisco.
 Contractor...H. J. Ohlsen, 2869 Harrison, San Francisco.
 COST, \$1000

(1131) S LOMBARD 106 E Baker. Two story and basement frame flats.
 Owner.....Mrs. H. K. Tiernoth, 2675 Lombard, San Francisco.
 Architect...None.
 Contractor...C. Forsyth.
 COST, \$4500

(1132) S GREENWICH 37 W Kearny. Two-story and basement frame (4) flats.
 Owner.....P. Bergna, 944 Broadway, San Francisco.
 Architect...Paul F. DeMartini, 451 Columbus Ave., S. F.
 Contractor...J. Martinelli, 1122 Montgomery, San Francisco.
 COST, \$3300

(1133) N TELEGRAPH 171-10 1/2 E Grant Ave. Raise, add basement and one-story frame.
 Owner.....A. Vannucci, 492 Broadway, San Francisco.
 Architect...None.
 Contractor...Farnocchi Petri & Co., 397 Chestnut, San Francisco.
 COST, \$1850

(1134) NO. 25 SIXTH. Electric sign.
 Owner.....Lessor Bros., Premises.
 Architect...None.
 Contractor...Moise-Klinkner Co., 1212 Market, San Francisco.
 COST, \$700

(1135) NO. 20 MONTGOMERY. Move elevator from present location to front of building; repair and alter building.
 Owner.....G. H. Umben & Co., Prem.
 Architect...None.
 Contractor...Peter Svenson, 1297 Church, San Francisco.
 COST, \$2500

(1136) E COMMONWEALTH AVE bel. California and Euclid Ave. Grading, foundations, carpenter, brick, lathing plastering, electric work and paint-

ing for two-story brick and frame dwelling.
 Owner.....Lee Eschen, 111 Sansome, San Francisco.
 Architect...John D. Hatch, Humboldt Bank Bldg., S. F.
 Contractor...M. Fisher, California-Pacific Bldg., San Francisco.
 Filed Mar. 25, '13. Dated Mar. 25, '13.
 House rough plastered.....\$1250
 Completed and accepted.....4100
 Usual 35 days.....3000
 TOTAL COST, \$11,650
 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1137) S GEARY 87 1/2 W Third Ave. One-story frame feed barn.
 Owner.....A. Ginocchio & Son, 3915 Geary, San Francisco.
 Architect...J. Chas. Plugger, 811 Crocker Bldg., S. F.
 Day's work.....COST, \$1500

(1138) S BUSH 114-6 W Taylor. Three story and basement Class "C" (7) flats.
 Owner.....J. G. Kincannon, 1676 Fulton, San Francisco.
 Architect...None.
 Day's work.....COST, \$12,500

(1139) W SCOTT 40 N Turk. Repair fire damage.
 Owner.....Mrs. Ida Strauss, Arguello Boulevard.
 Architect...None.
 Contractor...Monson Bros., 1907 Bryant, San Francisco.
 COST, \$600

(1140) W SUSSEX 200 W Swiss. One-story and basement frame dwelling.
 Owner.....Fred Warden, 149 Paris, San Francisco.
 Architect...None.
 Day's work.....COST, \$1400

(1141) NO. 230 KEARNY. Move sign.
 Owner.....Stanford Hotel Co., Prem.
 Architect...None.
 Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
 COST, \$500

(1142) NO. 619 BANKS. Raise dwelling, repair and alter.
 Owner.....Mrs. M. Mistel, Premises.
 Architect...None.
 Contractor...Geo. T. Wood, 203 Ogden Ave., San Francisco.
 COST, \$500

(1143) S FOLSOM 100 W Fifth. Sink shaft.
 Owner.....J. Baer, Care Architect.
 Architect...Henry Jacobs, 110 Sutter, San Francisco.
 Day's work.....COST, \$750

(1144) NW PACIFIC AND TAYLOR. Three-story and basement frame stores and flats.
 Owner.....Edward McKeever, 28 John San Francisco.
 Architect...Paul DeMartini, 451 Columbus Ave., San Francisco.
 Day's work.....COST, \$5500

(1145) NOS. 1837 TO 1847 OAK. Alterations and repairs to flats; altering 6 flats into 12 flats.
 Owner.....Robert Wieneke, 1655 Oak, San Francisco.
 Architect...L. V. Weismann & Son, Pacific Bldg., S. F.
 Contractor...C. E. McMullin & Co., 534 Cole, San Francisco.
 COST, \$15,000

(1146) SW TWENTY-FIRST & HARRISON. Painting for five-story and basement Class "B" factory building. Owner.....The Ford Motor Co., 1100 Van Ness Ave. by The Clinton Fireproof Co., Mutual Bank Bldg., S. F. Architect...John Graham, 100 Van Ness Ave., San Francisco. Contractor...B. F. Woodall, 1248 Stanyan, San Francisco. Filed Mar. 26, '13. Dated Mar. 19, '13. On 15th of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$1400 Bond, \$2200. Surety, Southwestern Surety Ins. Co. Limit, as fast as required. Forfeit, none. Plans and specifications, none.

(1147) S TWENTY-THIRD 75 W York W 25 S 104 E 36 N 55-6 W 11 N 48-6. Alterations and additions to two two-story frame buildings. Owner.....Ferro Bros., 2813 23rd, San Francisco. Architect...Chas. Fantoni, 916 Kearny, San Francisco. Contractor...A. De Benedetti and G. Cuneo. Filed Mar. 26, '13. Dated Mar. 25, '13. Steel and iron work in place all alterations done and roof on new part\$525 Brown coated 525 Completed and accepted 525 Usual 35 days..... 525 TOTAL COST, \$2100 Bond, \$1050. Sureties, P. Risetto and N. Capurro. Limit, 40 days after Mar. 27. Forfeit, \$5. Plans and specifications filed.

(1148) STRIP LAND 15 FT. WIDE on NE Line Lot 11 and strip 15 ft. wide on SW line Lot 10 Blk "B" Mission Terrace described as SE San Gabriel Ave 177.83 NE Santa Rosa Ave NE 30.11xSE 125.45. All work for one-story 5-room and bath frame building. Owner.....Frances C. Fuller, wife Lyman T., 111 Liberty, S. F. Architect...None. Contractor...N. F. Nilsson, 355 Cole-ride Ave., San Francisco. Filed Mar. 26, '13. Dated Mar. 7, '13. Owner agrees to leave with Baldwin & Howell \$2250, and contractor to draw upon said sum during construction of building; \$250 to remain with Baldwin & Howell until 30 days after..... TOTAL COST, \$2250 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1149) E TWENTY-SIXTH AVE 250 N Anza N 50x E 140 OL 250. All work except gas and electric fixtures for two one and one-half-story frame buildings with garage. Owner.....John Gray, 447 Broderick, San Francisco. Architect...None. Contractor...Leigh & Schultz, 330 8th Ave., San Francisco. Filed Mar. 26, '13. Dated Mar. —, '13. Walls up and roof on.....\$925 Brown coated 925 Completed 925 Usual 35 days..... 925 TOTAL COST, \$3700 Bond, none. Limit, 90 days. Forfeit none. Plans and specifications filed.

(1150) W DIAMOND 210 S 22nd. One and one-half-story and basement frame residence. Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco. Architect...None. Day's work..... COST, \$1950

(1151) W DIAMOND 235 S 22nd. One and one-half-story and basement frame residence. Owner.....J. S. Purcell, 856 Presidio Ave., San Francisco. Architect...None. Day's work..... COST, \$1950

(1152) NE GOUGH AND FULTON. Concrete floor. Owner.....Brandenstein & Fagan, 618 Gough, San Francisco. Architect...J. C. Flugger, Crocker Bldg., San Francisco. Day's work..... COST, \$2000

(1153) S ARMY 76-4½ E Diamond. One and one-half-story and basement frame dwelling. Owner.....A. Anderson, 4000 22d, S. F. Architect...None. Day's work..... COST, \$1700

(1154) N ROLPH 78 W Athens. One-story and basement frame residence. Owner.....W. M. Coffman, 827 Baker, San Francisco. Architect...A. P. Allen, Amazon Tract, San Francisco. Day's work..... COST, \$1600

(1155) NO. 1808 UNION. New front and repair saloon. Owner.....B. Franchini, Premises. Architect...None. Contractor...B. Ratto, 3125 Steiner, San Francisco. COST, \$400

(1156) SW PINE & LEAVENWORTH. Install heating pipes. Owner.....C. Kolb, St. Dunstan Apts., San Francisco. Architect...None. Contractor...John G. Sutton Co., 243 Minna, San Francisco. COST, \$500

(1157) NO. 59 COLUMBIA SQUARE. One-story frame store room. Owner.....American Marble & Mosaic Co., Premises. Architect...None. Day's work..... COST, \$450

(1158) NO. 1227 FORTY-SECOND AVE. Repair and alter residence. Owner.....A. F. Edwards, Premises. Architect...None. Day's work..... COST, \$500

(1159) N GREEN 100-6 W Scott W 37-5¼ N 137-6 E 30-5¼ S 37-6 E 7 S 100 WA 469. Alterations and additions except electric wiring light fixtures, automobile runway and drive, plumbing, drainage, painting and tinting for dwelling. Owner.....Jno. W. Van Bergen, 449 Battery, San Francisco. Architect...Nathaniel Blaisdell, 255 California, San Francisco. Contractor...J. Harold Johnson. Filed Mar. 27, '13. Dated Mar. 25, '13. Alterations ready for plaster, \$426 75 Completed and accepted..... 426 75 Usual 35 days..... 284 50 TOTAL COST, \$1138 00 Bond, \$569. Surety, A. L. Bowley. Limit 30 days. Forfeit, \$10. Plans and specifications filed.

(1160) NO. 3741 TWENTY-SIXTH. All work for additions and alterations to frame building. Owner.....Josef Jakob. Architect...None. Contractor...M. C. Bateman. Filed Mar. 27, '13. Dated Mar. 22, '13. Payments every Saturday of.... 75% On completionBalance TOTAL COST, \$625 Bond, limit, forfeit, none. Plans and specifications filed.

(1161) E VAN NESS AVE 60 N Turk N 30 E 100 S 22 W 4 S 8 W 96. All work for one-story and basement Class "C" brick building. Owner.....Wm. Goeggel, 1328 Hyde, San Francisco. Architect...Herman Barth, 12 Geary, San Francisco. Contractor...C. D. Rankin, 724 Gough, San Francisco. Filed Mar. 27, '13. Dated Mar. 26, '13. 1st story joists in place.....\$1500 Brick work completed, roof trusses on and sheathed..... 1700 Completed and accepted..... 1150 Usual 35 days..... 1450 TOTAL COST, \$5800 Bond, \$2900. Surety, Fidelity & Deposit Co. of Maryland. Limit, 42 days. Forfeit, \$10. Plans and specifications filed.

(1162) W YORK 200 N 16th. Construct asphaltum plant. Owner.....Raisch Improvement Co., Crocker Bldg., S. F. Architect...None. Day's work..... COST, \$1000

(1163) N LYELL 75 W Springdale. One-story and basement frame dwlg. Owner.....Peter Clogg, Premises. Architect...None. Contractor...John Miller, 52 Rotieck, San Francisco. COST, \$1000

(1164) NE DE SOTA & HOLLOWAY. Two-story and basement frame residence. Owner.....Urban Realty Imp. Co., 903 Phelan Bldg., S. F. Architect...None. Day's work..... COST, \$4000

(1165) NW CALIFORNIA & FRONT. Alter walls in engine room. Owner.....Martha Kittle, 2525 Steiner San Francisco. Architect...None. Contractor...Grimes & Drew, 116 Battery, San Francisco. COST, \$500

(1166) SE ASH AVE AND GOUGH. Install concrete drains and area walls. Owner.....Brandenstein & Fagan, Premises. Architect...J. C. Flugger, Crocker Bldg San Francisco. Day's work..... COST, \$1000

(1167) NE FULTON AND GOUGH. Reconstruct present building. Owner.....Brandenstein & Fagan Ash Ave and Gough, S. F. Architect...J. C. Flugger, Crocker Bldg San Francisco. Day's work..... COST, \$1000

(1168) NO. 2366 MISSION. Alter front and add one room. Owner.....Wo Chong & Co., Prem. Architect...None.

Contractor...L. Salomon, 1303 Ellis, San Francisco.

COST, \$500

(1169) NO. 2260 OCEAN BOULEVARD. Extend saloon and restaurant. Owner.....M. Roberts, Premises. Architect...None.

Contractor...J. Behm & Co., 139 Oak, San Francisco.

COST, \$1000

(1170) NO. 240 HEARST AVE. Concrete foundation and new steps.

Owner.....Continental Bldg. & Loan, Merchants' Bank Bldg., San Francisco.

Architect...None.

Contractor...J. L. Wilson, 1920 Post, San Francisco.

COST, \$500

(1171) SE BEALE & MISSION. Erect brick wall.

Owner.....T. J. Moynihan, 401 Folsom, San Francisco.

Architect...None.

Day's work.....COST, \$500

(1172) E BOWDAM 81 N Silliman. One-story and basement frame dwlg.

Owner.....Henry Helmholtz, 19 Bowdham, San Francisco.

Architect...None.

Day's work.....COST, \$1000

(1173) S MIGUEL 25 E Laidley. One-story and basement frame dwelling.

Owner.....John Bjorkman, 4077 23rd, San Francisco.

Architect...None.

Day's work.....COST, \$1800

(1174) NE KENTUCKY AND SOUTH. One-story frame lumber mill.

Owner.....Southern Pacific Co., 1088 Flood Bldg., S. F.

Architect...None.

Day's work.....COST, \$3500

(1175) SW MARKET AND NINTH. Concrete retaining wall.

Owner.....Ellenor H. and Marguerite Doe.

Architect...Ralph Warner Hart, Humboldt Bank Bldg., S. F.

Contractor...California Concrete Co., Nevada Bank Bldg., S. F.

Filed Mar. 28, '13. Dated Mar. 28, '13.

Completion of contract.....\$807 50

Usual 35 days.....270 00

TOTAL COST, \$1077 50

Bond, none. Limit, 30 days from filing.

Forfeit, \$5. Plans and specifications filed.

(1176) NW BUSH AND CHATHAM PL. W 84-4 N 137-6 E 87-6 S 137-6. Carpenter, concrete, plastering work for building for Notre Dame des Victoires Church.

Owner.....Roman Catholic Archbishop of San Francisco.

Architect...P. Brouchoud, 526 Bush, San Francisco.

Contractor...Jas. L. McLaughlin, 211 Kearny, San Francisco.

Filed Mar. 28, '13. Dated Mar. 26, '13.

Payments on 1st of each month 75%

Usual 35 days.....25%

TOTAL COST, \$14,160

Bond, \$7050. Sureties, Thos. O'Day and Jno. G. Little, 90 days. Forfeit, none. Plans and specifications filed.

(1177) BRICK, TERRA COTTA, LAMBR and materials on above.

Contractor...Jas. S. Fennell, 155 Stevenson, San Francisco.

Filed Mar. 28, '13. Dated Mar. 28, '13.

Payments same as above.....

TOTAL COST, \$7422

Bond, \$3711. Sureties, J. W. Smith and Thos. J. Campbell, Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1178) E MASON 137-6 N O'Farrell N 32-6 E 137-6 S 50-10-1/2; W 60 th 13-4-1/2 th 77-6 to beg. Finish hardware for reinforced concrete building.

Owner.....Fredk. A. and Albert J. Wilson, exrs Estate Wm. F. Wilson, dec'd.

Architect...Macdonald & Applegarth, Call Bldg., San Francisco.

Contractor...Brittain & Co., Market nr Mason, San Francisco.

Filed Mar. 28, '13. Dated Mar. 10, '13.

Payments on 1st of each month 75%

Usual 35 days.....25%

TOTAL COST, \$1379

Bond, none. Limit, as fast as possible.

Forfeit, none. Specifications only filed.

(1179) N McALLISTER 164-9 W Van Ness Ave W 82-6xN 120 WA 77. All work for one-story Class "C" building (two stores).

Owner.....Marie Fankhauser, 670 Fulton, San Francisco.

Architect...Lewis M. Gardner, Phelan Bldg., San Francisco.

Contractor...L. G. Bergren & Son, 209 Sanchez, San Francisco.

Filed Mar. 28, '13. Dated Mar. 12, '13.

Ceiling joists up.....\$ 911.25

Roof on 911.25

Plastered 1532.50

Completed 1822.50

Usual 35 days.....1822.50

TOTAL COST, \$7290.00

Bond, \$3645. Sureties, R. A. Hiseox and F. W. Matthal, Limit, 50 days. Forfeit, \$10. Plans and specifications filed.

(1180) SW SEVENTH 150 SE Folsom S 25xSW 50. All work except plumbing, electric work and painting for one-story brick building.

Owner.....Louis Abrams.

Architect...None.

Contractor...Marvin G. Lemons, 1912 Howard, San Francisco

Filed Mar. 28, '13. Dated Mar. 22, '13.

Brick walls 7 feet high.....\$500

Completed 775

Usual 35 days.....425

TOTAL COST, \$1700

Bond, \$850. Sureties, United States Fidelity & Guaranty Co. Limit, 30 days after April 1. Forfeit, none. Plans and specifications filed.

(1181) NO. 3230 JACKSON N side, bet presidio and Ave. and Walnut. All work for alterations and additions to two-story and basement and attic frame residence.

Owner.....John J. Barrett.

Architect...Cunningham & Politeo, 1st National Bank Bldg., S. F.

Contractor...John M. Bartlett, Call Bldg., San Francisco.

Filed Mar. 28, '13. Dated Mar. 27, '13.

On 1st and 15th of each month 75%

Usual 35 days.....25%

TOTAL COST, \$2965

Bond, \$1482.50. Surety, Southwestern Surety Ins. Co. Limit, 40 days. Forfeit \$3. Plans and specifications filed.

(1182) NW VAN NESS AVE & POST N 129xW 159. All work except plumbing, heating, wiring and painting for three-story Class "B" reinforced concrete building (Heald's Business College and stores.)

Owner.....The Hecht Investment Co., Kohl Bldg., San Francisco.

Architect...Sylvain Schnalttacher, 1st National Bank Bldg., S. F.

Contractor...Lindgren Co., Monadnock Bldg., San Francisco.

Filed Mar. 28, '13. Dated Mar. 27, '13.

Payments on 1st of each month 75%

Usual 35 days, 25%\$20825

TOTAL COST, \$83,300

Bond, \$14,650. Surety, Globe Indemnity Co. Limit, 115 days after March 30. Forfeit, \$50. Plans and specifications filed.

(1183) NO. 30 SHARON. Repair residence.

Owner.....Alex Olsen, Premises.

Architect...None.

Contractor...Patterson & Persson, 62 Post, San Francisco.

COST, \$600

(1184) NW FILLMORE & MOULTON. Alter front.

Owner.....W. Mehan, Premises

Architect...None.

Contractor...Segurson Bros., 808 Guerrero, San Francisco.

COST, \$150

(1185) E FIFTH AVE 200 S Clement. Alter and add to residence.

Owner.....J. Conner, 575 10th Ave., San Francisco.

Architect...None.

Contractor...G. Thunberg, - 9th Ave., San Francisco.

COST, \$800

(1186) N McALLISTER 109 W Van Ness Ave. Alter front and add mezzanine floor.

Owner.....A. M. Binning, 110 Jessie, San Francisco.

Architect...None.

Contractor...O. A. Craemer, 110 Jessie, San Francisco.

COST, \$1000

(1187) N NINETEENTH 105 S Guerrero. Add to shed.

Owner.....Dairy Delivery Co., Prem.

Architect...None.

Contractor...C. Wolf, 576 Noe, S. F.

COST, \$1000

(1188) SW BRODERICK AND O'FARRELL. Three-story and basement frame (12) apartments.

Owner.....Mrs. Ida M. Bender, 1371 Broderick, San Francisco.

Architect...C. M. Cook, 916-920 Rialto Bldg., San Francisco.

Day's work.....COST, \$72,000

(1189) SW HOWARD AND TENTH W 162-6xS 162-6. Brick work, cementing and scaffolding, etc., for brick and steel church building.

Owner.....The Roman Catholic Archbishop of San Francisco.

Architect...John J. Foley, 46 Kearny, San Francisco.

Contractor...Butler & Hadley, 180 Jessie, San Francisco.

Filed Mar. 29, '13. Dated Mar. 14, '13.

On 1st of each month 75%

Usual 35 days.....25%

TOTAL COST, \$13,400

Bond, \$6700. Surety, Globe Indemnity Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1190) SW TWENTY-FIRST AND HARRISON. Telephone and electric wiring for five-story building and reinforced concrete Class "B" factory.

Owner.....Ford Motor Co., 100 Van Ness Ave., San Francisco.

A. C. Hites. John C. Hites, 100 Van Ness Ave., San Francisco.
Contractor T. E. Amherst Elce, Eng. Co., 125 Golden Gate Ave., San Francisco.

Filed Mar. 29, '13. Dated Feb. 24, '13.
On 15th of each month..... 75%
Until 35 days..... 25%

TOTAL COST, \$5773
Bond, \$5773. Surety, Leo J. Meyberg.
Limit, without delay. Forfeit, none.
Plans and specifications filed.

(1191) N BROADWAY 114-1 1/2 E Lyon E 45XN 137-6. Excavation, foundation, concrete, cement, brick, carpentry, metal and wood lath and plaster for two-story residence.

Owner.....S. L. Naphthaly, California-Pacific Life, San Francisco
Architect...Willis Palk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...Cavanagh & Vezina, 180 Jessie, San Francisco.
Filed Mar. 29, '13. Dated Mar. 27, '13.
On 15th of each month..... 75%
Until 35 days..... 25%

TOTAL COST, \$21,945
Bond, \$11,000. Sureties, D. O. Druffel and Fred H. Beaver. Limit, Oct. 1, 1913
Forfeit, \$15. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

Mar. 21 1913—SW SIXTH 72 NW Howard NW 48 SW 75 NW 45 SW 50 SE 75 NE 50 SE 18 NE 75. R D McElroy to Schrader Iron Works.....Mar. 20, 1913

Mar. 21, 1913—E TWENTY-FIFTH Ave 150 N Judah N 25xE 120. Joseph and Nellie Fisher to Diston & Hatfield.....Mar. 15, 1913

Mar. 21, 1913—NW WASHINGTON & Grant N 93-S W 137-6 S 24-11 E 50 S 68-9 E 87-6. Mary P Payne to C A Brady.....Mar. 17, 1913

Mar. 21, 1913—E TENTH AVE 200 N Ortega 25x120. Folke Monson to whom it may concern.....Mar. 17, 1913

Mar. 22, 1913—SW WASHBURN & Mission 25-6x90. E Dietrich to W H Bagge & Son and Clark & Ludwig.....Mar. 22, 1913

Mar. 24, 1913—W FIFTEENTH AVE 50 S Anza S 25xW 90. Joseph C Kirby and Wm A Jones to whom it may concern.....Completed—

Mar. 24, 1913—S BUSH 82-6 W Powell S 137-6xW 27-6. I B or Isabel B Mouser to F E Hooper.....Mar. 14, '13

Mar. 25, 1913—W DIAMOND 68 S Clipper S 23x80. J S Purcell to whom it may concern.....Completed—

Mar. 23, 1913—W DIAMOND 91 S Clipper S 23x80. J S Purcell to whom it may concern.....Completed—

Mar. 25, 1913—E FORTY-FIRST AVE 200 S Lincoln Way (H) S 25xE 120. Thomas R Smith to C Stengard.....Completed—

Mar. 25, 1913—E THIRTY-FIRST AVE 200 S California S 25xE 120. Harry H Chapman to whom it may concern.....Completed—

Mar. 25, 1913—Lot 3 BLK "F" Mission Terrace and strip 3.58 feet wide on NE side Lot 4 strip being described as SE Otsego Ave 373-58 NE San Juan Ave NE 3.60xSE 115-65. Fred William Thomas and Cecelia K A Roemer and Clarence Walton, Miley to whom it may concern.....Completed—

Mar. 25, 1913—N WASHINGTON 180-9 W Presidio Ave W 32xN 127-8 1/4. J A Bergerot to H C Warwick.....Completed—

Mar. 26, 1913—LOT 44 BLK 25, Crocker Amazon Tract. John Miller to Allen Bros.....Mar. 26, 1913

Mar. 26, 1913—W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 16-1 E 137-6. John A Lennon to Albach & Mayer, Inc.....Mar. 26, 1913

Mar. 26, 1913—N CRESCENT AVE 323-5 E Lee-e (Holly) E 25xN 100 Lot 40 Blk 5, Holly Park. Walter Thomas and Mary Agnes Stubbs to whom it may concern.....Mar. 24, 1913

Mar. 26, 1913—S TWENTY-SEVENTH 28 E Noe th 26 S 89 W 26 N 89. Sylvester M Millard to Geo G Moren.....Mar. 25, 1913

Mar. 26, 1913—NW NAPLES 150 NE Russia Ave NE 125xNW 100. Knut Anderson to whom it may concern.....Mar. 25, 1913

Mar. 27, 1913—S CLAY 155 E Leavenworth. Carrie A Plant to whom it may concern.....Mar. 27, 1913

Mar. 27, 1913—NW CLAY & 22ND Ave W 40 N 3 deg 23 min W 93 S 82 deg 4 min 24 sec E 40 79 to W line of 22nd Ave produced N S 3 deg 23 min E 85 being E 40 feet Lot 39, West Clay Park. Boston Investment Co to S A Born Bldg Co.....Mar. 26, 1913

Mar. 27, 1913—SW ELIZABETH and Castro W 25xS 70. Tina Hinkel to whom it may concern.....Mar. 25, 1913

Mar. 27, 1913—SW FIFTH 50 SE Shipley SE 25xSW 75. John P and Catherine Curley to whom it may concern.....Mar. 20, 1913

Mar. 27, 1913—N ANZA 80 W 27th Ave W 25xN 95. Joseph N and Hulda Dunn to J N Dunn.....Mar. 27, 1913

Mar. 27, 1913—S BUSH 90-6 E Mason 22xS 84. W I Brobeck & I N Rosekrans to J D Hannah.....Mar. 24, 1913

Mar. 27, 1913—S MISSION 50 E 4th S 100 W 50 N 170 E 50. Annie M Faxon to Brandon & Lawson.....Mar. 24, '13

Mar. 27, 1913—W POLK 95-9 N Clay N 31-6xW 123. Clara J Deuing to Wilson & Christensen.....Mar. 22, 1913

Mar. 28, 1913—S JESSIE 150 W Mint Ave W 27x70. Arthur Elvin to whom it may concern.....Mar. 28, 1913

Mar. 28, 1913—E FOLSOM 150 N Eugenia Ave N 25x70. Felix Gotlicher to Wm H Grabb.....Mar. 27, 1913

Mar. 28, 1913—W TWELFTH AVE 275 S "A" 25x120. Carl A Spooner to whom it may concern.....Mar. 18, 1913

Mar. 28, 1913—NE LAIDLEY 150 SE Harper SE 25xNE 100 Lot 107 Blk 20, Mission and 30th St. Hd Union N F Nelson to whom it may concern.....Mar. 28, 1913

Mar. 28, 1913—W TWELFTH AVE 275 S "A" 25x120. Carl R Spooner to whom it may concern.....Mar. 18, 1913

Mar. 28, 1913—N CLAY 137-6 E Montgomery E 45-10xN 122. The American Fish & Oyster Co to P F Speidel.....Mar. 20, 1913

LIENS FILED.

San Francisco.

Mar. 21, 1913—S JACKSON 107-6 W Montgomery S 60-10 1/4 NW 78-11 N 8-3 E 50-6. C P Wilson vs Chas Magendie & F H Born.....\$1032.50

Mar. 22, 1913—LOTS 6 AND 10 BLK No. 2 Map of S P Collins et al, San Mateo Co. (Property out of County) The Greater City Lumber Co vs

Annie L and Wesley Rippenburgh and L C Herrick.....\$162.55
NOTE:—The above was recorded in San Francisco County.

Mar. 24, 1913—S CHESTNUT 112-6 E Jones E 52xS 75. Onofrio Fraumeni vs Antonio and Pasquale Larocca.....\$750

Mar. 24, 1913—NE SIXTH 182 NW Brannan NW 23xNE 120. Elbing A Hansen vs C Henderson and Edgar D Peixotto.....\$115

Mar. 24, 1913—SE MARKET 150-1 1/4 NE Seventh SE 165-1xNE 75. Neil A McLean vs Boston & San Francisco Amusement Co and Jacob Stern.....\$3179.56

Mar. 24, 1913—E PETERS AVE (which E line is fixed as follows : Comg. SW Fair Ave 149 SE Mission SW parallel with Mission 178) 78 SW Fair Ave SW 100xSE 75-6. J H Kruse vs J C Stromswald.....\$2317.50

Mar. 25, 1913—S JACKSON 107-6 W Montgomery W 50-6 S 9-3 SE 78-11 N 69-10 1/4. F Mosca and S Tua as F Mosca and S Tua vs Chas M Magendie.....\$1300

Mar. 26, 1913—SW PINE & LAGUNA W 57-6xS 25. J Landers vs George Burich and R A Crothers.....\$43

OAKLAND AND ALAMEDA COUNTY.

BUNGALOW — 1 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick Nelson Co., 2025 Addison St., Berkeley. The bungalow will contain five rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the living and dining rooms and reception hall. Furnace heat will be installed. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are being prepared and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Joseph Caben, 45 Kearny St., S. F. Owner, E. Greenhood. The house will contain eight rooms, sleeping porch, bath and laundry. Interior will be handsomely finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, John A. Bischoff, 349 62nd St., Oakland. The house has been designed for an eight-room dwelling with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE — 2 story and base,

frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, F. P. Peake & Co., 2127 University Ave., Berkeley. The house will contain eight rooms and bath, and is to be located on Mariposa street. Interior trim will be largely of pine with some hardwood veneer. Hardwood floors will be used in the living and dining rooms. There will be furnace heat and an open fire place. Mantel will be of brick. Bath room will be finished in tile. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owners are now in the market for all materials.

RESIDENCE — 2 story and base, frame, \$18,000. Piedmont, Alameda Co., Cal. Architect, William Knowles. Hearst Bldg., S. F. Owner, William Ede. The house will contain ten rooms, baths, sleeping porches and a laundry. Interior will be finished in pine and hardwoods. Hardwood and composition floors will be used. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Baths will be finished in tile and will have composition floors. The exterior of the dwelling will be covered with cement plaster. Some clay tile will be used on the roof. Plans are complete and the work is being done by Day Labor under the personal direction of the architect.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owners, A. Wellman and John Holm, 2321 10th St., Berkeley. The dwelling has been designed for eight rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owners and the work will be done by Day Labor.

BUNGALOW — 1½ story and base, frame, \$2,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. B. Crane, 1600 La Loma Ave., Berkeley. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now in the market for all materials.

RESIDENCE — 2 story and base, frame, \$10,000. Berkeley, Alameda Co., Cal. Architect, Edward G. Garden. Phelan Bldg., S. F. Owner, Mrs. E. G. Garden. The dwelling will contain eight rooms, bath and garage. Interior will be handsomely finished in pine and redwood. Hardwood floors will be used in throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will be used in the bath rooms and kitchen. The exterior will be covered with cement plaster on metal lath. A

clay tile room will be used. An automatic water heater will be installed. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owners, Oakland Building and Mortgage Co., 1106 Broadway, Oakland. The house has been designed for an eight room dwelling with bath and sleeping porch. The interior will be finished in pine and redwood with oak floors in the living and dining rooms and reception hall. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

BUNGALOW — 1 story and base, frame, \$2,000. Oakland, Cal. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, W. E. Jason. The dwelling is to contain five rooms and bath. All interior trim will be of pine. Hardwood floors will be used in the principal rooms. There will be an open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOWS — 2, 1 story and base, frame, \$2,000 each. Albany, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The dwellings will each contain five rooms and bath. Interiors will be finished in pine and redwood. Hardwood floors will be used in the living and dining rooms. There will be large open fire places in the living room with tile or brick mantels. Some tile will be used in the bath rooms and kitchens. Exteriors will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BUNGALOW — 1½ story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The house has been designed for a seven-room dwelling with all modern conveniences. Interior finish will be of pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. A cement floor will be used in the bath room. There will be a large sleeping porch. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE — 3 story and base, frame, \$35,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliff, Jr., First National Bank Bldg., Berkeley. Owners, Alameda County Investment Co. The building will be arranged for a number of two and three room apartments, and will be erected on Channing Way near College avenue. The interior will be finished in pine with some hardwood veneer and floors. There will be steam heat and open fire places. Mantels will be of brick and tile. All suites will be equipped with wall beds and will have private bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are

complete and the work will be done by Day Labor.

FLATS — 2 story and base, frame, \$4,400. San Francisco, Architect, none. Owner, R. J. Hooper, 159 12th Ave., S. F. The building will have a frontage of 32 feet and a depth of 75 feet. There will be two stores on the first floor and two modern flats on the upper floor. Interior will be finished in pine throughout. Elm panels will be used in the dining rooms. Tile will be used in the baths. The exterior of the building will be covered with pressed brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS — 2 story and base, frame, \$6,100. San Francisco, Architect, none. Owner, L. A. Ginst, 732 Montgomery St., S. F. The building will be erected on Union street at a point where the greatest grade will necessitate a large concrete retaining wall. The building will have a frontage of 22 feet and a depth of 54 feet. Interior finish will be of pine throughout. There will be gas grates and tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

FLATS — 3 story and base, frame, \$8,000. San Francisco, Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Paul De Martini. The building will be erected on Broadway between Mason and Taylor streets, and will be arranged for three flats of five and six rooms each. Interior finish will be of pine and elm. There will be open fire places and tile or brick mantels. The exterior of the building will be covered with shiplap and rustic. Plans are being prepared and when complete the work will be done by Day Labor.

FLATS — 2 story and base, frame, Cost not stated. San Francisco, Architects, C. M. and A. F. Rousseau, Madanack Bldg., S. F. Owner, J. Rodgers. The building will be erected at the northwest corner of Pacific and Mason streets and will be arranged for a store and twelve flats of four and five rooms each with bath. Interior finish will be of pine with some elm panels. There will be either open fire places or gas grates. The exterior of the structure will be covered with cement plaster on metal lath. Plans are being figured.

FLAT — 2 story and base, frame, \$1,500. San Francisco, Architect, C. O. Clausen, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Greenwich street near Baker, and will contain a store on the first floor and one five-room flat above. Interior finish will be of pine throughout. There will be open fire places and brick mantels. Some oak flooring will be used. The exterior of the building will be covered with brick veneer and cement plaster. Plans are being prepared.

FLATS — 2 story and base, Class C construction, \$12,000. San Francisco, Architect, none. Owner, J. G. Kinnaman, 1676 Fulton St., S. F. The building will cover an area of 2 x 8 feet. There will be one store and the entrance to the flat above on the first floor. Upper floors will contain seven flats. Exposed walls will be of reinforced concrete faced with white cement plaster. Interior finish will be of pine and hardwood. There will be open fire places and tile mantels. Plans

... .. 1300 rooms
... .. the work will
... ..

STATION EXTENSION—1
... .. concrete and steel,
... .. Cal. Architect, none.
... .. and Electric Co.,
... .. S. F. A large addition
... .. building at the south-
... .. and Jefferson
... .. hotel at once.
... .. and provide for a
... .. concrete steel frame,
... .. floors and walls.
... .. The building will be
... .. plaster. There will
... .. frames and sash.
... .. can be secured
... .. Department at
... .. street. The work will be
... .. Day Labor.

STORES AND OFFICES—15 story
and base, Class A construction. Cost
not stated. Oakland, Cal. Architect,
L. T. McDougall, Sheldon Bldg., S. F.
owners, Carson & Snyder. The build-
ing is to be erected at the gore corner
of 15th and Broadway and has been
fully described in these columns when
plans were first started. Construction
will include a steel frame, exterior
walls of concrete faced with terra
cotta, hollow tile interior partitions,
midget doors, metal trim and metal
window sash and frames. There will
be steam heat, elevator service, a vac-
uum cleaning system and mail chutes.
Plans are complete and figures are be-
ing taken.

Building Contracts Awarded. Oakland.

316	Southern Pacific Moller	2758
317	Thom United Home	6000
318	Simas Simas	1000
319	Pedro Pedro	400
320	Ede Ede	1300
321	King Kollmer	2000
322	Same Same	2000
323	Same Same	2000
324	Same Same	2000
325	Same Same	2000
326	Same Same	2000
327	Same Same	2000
328	Same Same	2000
329	Same Same	2000
330	Same Same	2000
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332	Same Same	2000
333	Same Same	2000
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396	Same Same	2000
397	Same Same	2000
398	Same Same	2000
399	Same Same	2000
400	Same Same	2000

988	Ransom	..... Boldt	49776
989	Summway	..... Crothers	2233
990	Owen	..... Altmeyer	1410
991	Coleman	..... Coleman	1000
992	Rogerson	..... Rogerson	1000
993	Coriea	..... Nichols	1067
994	S. F. & O. Ry.	..... Schnebly	1500
1000	Pried	..... Sommerstrom	8109
1001	Oakland	..... Boyd	48800

(916) **SIXTEENTH STREET DEPOT.**
Oakland. All work for three-story
reinforced concrete signal tower.
Owner.....Southern Pacific Company.
Architect.....None.

Contractor.....R. W. Moller, 180 Jessie,
San Francisco.
Filed Mar. 24, '13. Dated Mar. 21, '13.
Monthly payments of..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3755
Bond, \$1900. Surety, National Surety
Co. Limit, 60 days. Forfeit, \$10. Specifi-
cations fully filed.

(917) **LOTS 15 AND 16 Map of Home**
Tract, Piedmont. All work for one
one-story 5-room dwelling and one
two-story five-room and sleeping
porch dwelling.

Owner.....Neil Thon Jr., Care Bay
Cities Water Co., S. F.
Architect.....None.

Contractor.....United Home Bldrs., 1762
Broadway, Oakland.

Filed Mar. 24, '13. Dated Mar. 17, '13.
Execution of contract.....\$1050 00
Enclosed and roofs on..... 1237 50
Plastering completed..... 1237 50

Completed and receipted bill pre-
sented to owner..... 1237 50
Usual 35 days..... 1237 50

TOTAL COST, \$6000 00

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(918) **W EDSON AVE 110 N Kansas,**
Oakland. One-story 4-room dwlg.
Owner.....Jos. M. Simas, 2000 19th,
Oakland.

Architect.....None.
Day's work.....

COST, \$1000

(919) **NO. 3015 CHAPMAN, Oakland.**
Summer house.

Owner.....Manuel Pedro, Premises.
Architect.....None.

Day's work.....

COST, \$400

(915) **E KING AVE 500 S Lincoln,**
Piedmont. Two-story frame residence
Owner.....Wm. Ede, 332 Kearny
San Francisco.

Architect.....Wm. Knowles, 425 Central
Bank Bldg., Oakland.

Day's work.....

COST, \$18,000

NOTICE OF NON-RESPONSIBILITY.

Mar. 21, 1913—LOT 21 BLK "E" Map
Northbrae Terrace, Bkly. Berkeley
Development Co as to improve-
ments on leased property.....

(918) **N RAMONA AVE 347 E Pied-**
mont Ave., Oakland. One-story 5-
room dwelling.

Owner.....W. C. King, 5908 Keith Ave
Oakland.

Architect.....None.

Contractor.....Jacob Kollmer, 2811 Stuart
Berkeley.

COST, \$2000

(919) **N RAMONA AVE 387 E Pied-**
mont Ave., Oakland. One-story 5-
room dwelling.

Owner.....W. C. King, 5908 Keith Ave
Oakland.

Architect.....None.

Contractor.....Jacob Kollmer, 2811 Stuart
Berkeley.

COST, \$2000

(920) **N RAMONA AVE 227 E Pied-**
mont Ave., Oakland. One-story 5-
room dwelling.

Owner.....W. C. King, 5908 Keith Ave
Oakland.

Architect.....None.

Contractor.....Jacob Kollmer, 2811 Stuart
Berkeley.

COST, \$2000

(921) **N RAMONA AVE 267 E Pied-**
mont Ave., Oakland. One-story 5-
room dwelling.

Owner.....W. C. King, 5908 Keith Ave
Oakland.

Architect.....None.

Contractor.....Jacob Kollmer, 2811 Stuart
Berkeley.

COST, \$2000

(922) **N RAMONA AVE 307 E Pied-**
mont Ave., Oakland. One-story 5-
room dwelling.

Owner.....W. C. King, 5908 Keith Ave
Oakland.

Architect.....None.

Contractor.....Jacob Kollmer, 2811 Stuart
Berkeley.

COST, \$2000

(923) **W WALKER AVE 333 N Cottage**
Oakland. One-story 5-room dwlg.

Owner.....J. L. Kennedy.

Architect.....None.

Contractor.....H. M. Swalley, 745 Wesley
Ave., Oakland.

COST, \$3580

(931) **N DELMAR 100 E Lincoln Ave.,**
Oakland. One-story 4-room dwelling

Owner.....G. A. Blank.

Architect.....None.

Contractor.....Z. D. Tallman, 2422 Delmar
Oakland.

COST, \$500

(932) **NO. 2585 FRUITVALE AVE.,**
Oakland. Alterations.

Owner.....Fred Ghisla, Premises.

Architect.....None.

Contractor.....C. H. Rutter, 1200 37th Ave
Oakland.

COST, \$400

(931) **E HILLEGASS AVE 50 N Alca-**
traz Ave., Oakland. Two-story eight
room dwelling.

Owner.....John A. Bischoff, 349 62nd,
Oakland.

Architect.....None.

Day's work.....

COST, \$3000

(935) **NO. 1526 SAN PABLO AVE., Oak-**
land. Alterations.

Owner.....L. Yip & Co., Premises.

Architect.....None.

Contractor.....F. G. Jones, 1217 Webster,
Oakland.

COST, \$500

(926) **W COLLEGE AVE 260 N Forest**
Oakland. One-story 7-room dwelling
and store.

Owner.....L. S. W. Brash, 5836 Ocean
View Drive, Oakland.

Architect.....None.

Contractor.....M. P. Brash, 5826 Ocean
View Drive, Oakland.

COST, \$2500

(937) **NO. 429 FOURTEENTH, Oak-**
land. Alterations.

Owner.....P. Hayes, Premises.

Architect.....None.

Contractor...F. T. Kennedy, 954 Rose Ave., Oakland.

COST, \$550

(935) N E-THIRTY-FOURTH 150 W 13th Ave., Oakland. One-story five-room dwelling.

Owner.....John E. Erickson, 1435 Bancroft Way, Berkeley.

Architect...None.

Day's work. COST, \$2500

(939) W CASTRO 55 N 14th W 80 N 55 E 80 S 55. All work except hardware, electric fixtures, shades, beds and doors to same, water service, vacuum cleaner, marquis and wall paper for three-story and basement 42-room frame apartment house.

Owner.....Mrs. Adelaide Weldler, Acting under power of Attorney for Mrs. Enid A. Hall, Rio Vista Rancho, Riverside County, Cal.

Architect...Thomas & Oliver, Pantages Bldg., Oakland.

Contractor...August Peterson, 3130 King, Berkeley.

Filed Mar. 24, '13. Dated Mar. 24, '13. Frame completed, roof and sides sheathed.....\$5040

Plastering completed.....5040

Completed and accepted.....5040

Usual 35 days.....5032

TOTAL COST, \$20,152

Bond, none. Limit, 150 days. Forfeit, none. Plans and specifications filed.

(941) E OPAL 236 S 42nd Oakland. One-story 5-room dwelling.

Owner.....H. J. H. Thompson, 475 44th, Oakland.

Architect...None.

Contractor...Robt. J. Holmes, 1605 Clinton Ave., Alameda.

COST, \$2500

(942) S E-NINETEENTH 200 W Fruitvale Ave., Oakland. One-story six-room dwelling.

Owner.....Arthur R. and Susan Gordon, 1059 62nd, Oakland.

Architect...None.

Contractor...Inter Cities Home Bldrs., Inc., Bacon Bldg., Oakland.

COST, \$2500

(943) N MADELINE 250 W Maple Ave Oakland. One-story 4-room dwlg.

Owner.....E. W. Barrett, 2942 Madeline, Oakland.

Architect...None.

Contractor...H. Lingo, Rhoda Ave., Okd

COST, \$1000

(944) PERRY AND GRAND AVE., Oakland. Three-story brick school building.

Owner...City of Oakland.

Architect...City Architect...John J. Donovan, Security Bank Bldg., Oakland.

Contractor...Van Sant-Houghton Co., 1st National Bank Bldg., Oakland.

COST, \$66,468

(945) S MILLS 100 W 62nd Ave., Oakland. One-story 4-room dwelling.

Owner.....Z. Souther, 32nd near Chestnut, Oakland.

Architect...None.

Contractor...J. A. Valadon, 2934 Adelaide, Oakland.

COST, \$1670

(946) SW FIRST AND JEFFERSON, Oakland. Steel frame and reinforced concrete extension.

Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.

Architect...None.

Day's work. COST, \$15,000

(947) NO. 1484 SEVENTH, Oakland. Alterations.

Owner.....R. Pringle, 1110 Chester, Oakland.

Architect...None.

Contractor...Kennedy.

COST, \$450

(948) N FIFTY-SEVENTH 220 W Genoa, Oakland. One-story five-room dwelling.

Owner.....B. B. Broadhead, 864 57th, Oakland.

Architect...None.

Contractor...Broadhead & Wilson, 864 57th, Oakland.

COST, \$2000

(949) S "C" 200 W 95th Ave., Oakland One-story 5-room dwelling.

Owner.....Frank Silva, 9429 "C," Okd

Architect...None.

Contractor...J. F. Faulkes, 9828 E-14th, Oakland.

COST, \$1900

(950) N E-THIRTY-SEVENTH 150 W 14th Ave., Oakland. One-story five-room dwelling.

Owner.....A. T. Riggs, Union Savings Bank Bldg., Oakland.

Architect...None.

Day's work. COST, \$2000

(951) N E-THIRTY-SEVENTH 127 W 14th Ave., Oakland. One-story five-room dwelling.

Owner.....A. T. Riggs, Union Savings Bank Bldg., Oakland.

Architect...None.

Day's work. COST, \$2000

(952) E LUSK 120 N 40th, Oakland. One-story 5-room dwelling.

Owner.....C. M. Murray, 616 41st, Okd

Architect...None.

Contractor...B. A. Stewart, 616 41st, Oakland.

COST, \$2200

(953) BOULEVARD AT Stanley Road, Oakland. Addition.

Owner.....F. C. Talbot, Foot of Powell, San Francisco.

Architect...None.

Contractor...G. Peterson, San Leandro.

COST, \$2200

(954) S GLENDALE AVE 45 W Desmond, Oakland. One-story 5-room dwelling.

Owner.....O. E. Nelson, 525 66th, Okd.

Architect...None.

Contractor...D. E. Barber, 1316 Linden, Oakland.

COST, \$2500

(955) S CLIFTON 100 W Manila, Oakland. One-story 5-room dwelling.

Owner.....Geo. Pitt, 57th & Shattuck Ave., Oakland.

Architect...None.

Contractor...Geary & Ross, 5332 Locksley, Oakland.

COST, \$2000

(956) E RANDOLPH AVE 190 N E-38th, Oakland. Two-story 7-room dwelling.

Owner.....John Connors, 2635 Laurel Place, Oakland.

Architect...None.

Contractor...Fred Benson, 2641 Laurel Place, Oakland.

COST, \$2500

(957) W THIRTY-EIGHTH AVE 60 S Brookdale, Oakland. Nickelodeon.

Owner.....Eric Nygren, Cor. 38th Ave and Brookdale, Oakland.

Architect...None.

Contractor...Alex C. Wieben, 2610 38th Ave., Oakland.

COST, \$2200

(958) E NEWTON AVE 80 N Hanover, Oakland. One and one-half-story 6-room dwelling.

Owner.....F. E. Romie, 1522 1st Ave., Oakland.

Architect...None.

Contractor...G. A. Scott, 685 23rd, Okd.

COST, \$3500

(960) W CASTRO 55 N 14th W 80xN 55, Oakland. Plumbing for three-story and basement frame apartment building.

Owner.....Mrs. E. Hall.

Architect...Thomas & Oliver, Pantages Bldg., Oakland.

General Contractor...August Peterson, Oakland.

Sub-Contractor...George Wara, 2822-A 21st, San Francisco.

Filed Mar. 26, '13. Dated Mar. 26, '13.

Roughing in completed.....\$1075

Completed and accepted.....525

Building completed & accepted 525

Usual 35 days.....725

TOTAL COST, \$2850

Bond, limit, forfeit, none. Plans and specifications, none.

(961) E DIVISION 16 N E-38th, Oakland. One-story 5-room dwelling.

Owner.....Agnes Dering, 913 Arlington Ave., Oakland.

Architect...None.

Contractor...F. A. Young, 3573 Foothill Boulevard, Oakland.

COST, \$1750

(962) N MOSS AVE 100 W Walsworth, Oakland. Garage.

Owner.....E. Druhe, 98 Moss Ave., Oakland.

Architect...None.

Contractor...O. Legault, 3136 West, Okd

COST, \$400

(963) NE BELVEDERE AVE AND Taylor, Oakland. One-story 5-room dwelling.

Owner.....P. A. Spott, 5593 Genoa, Oakland.

Architect...None.

Contractor...C. O. Bradhoff, 5502 Market, Oakland.

COST, \$1900

(967) NO. 2862 TELEGRAPH AVE., Oakland. Alterations and additions.

Owner.....Mrs. E. A. Milner, Premises

Architect...None.

Contractor...Chas. Leher, 1318 E-26th, Oakland.

COST, \$600

(968) N KEITH AVE opp. McMillan, Oakland. Two-story 5-room dwlg.

Owner.....A. Ilmanen and John Holm

Architect...None.

Day's work. COST \$3000

(969) S PERKINS 560 W Van Buren, Oakland. Two-story 5-room dwlg.

Owner.....Oakland Bldg. & Mortgage Co., 1106 Broadway, Okd.

Architect...None.

Day's work. COST, \$5000

(970) NE TENTH AVE AND E-14TH, Oakland. Repairs.
Owner.....Tenth Ave. Baptist Church
Premises.
Architect...None.
Contractor..L. F. Hyde, 2745 26th Ave.,
Oakland. COST, \$500

(971) S E-THIRTY-SEVENTH 329 W
14th Ave., Oakland. One-story five-
room dwelling.
Owner.....S. Cederborg, 1425 E-35th,
Oakland.
Architect...None.
Day's work. COST, \$1500

(972) E MAGEE AVE 80 N Kansas,
Oakland. One-story 5-room dwlg.
Owner.....Elizabeth H. Puls, 3320
Hopkins, Oakland.
Architect...None.
Day's work. COST, \$1500

(973) N THIRTY-SEVENTH 150 W
Telegraph Ave., Oakland. Alterations
Owner.....South Methodist Church,
Premises.
Architect...None.
Contractor..F. E. Allen, 468 34th, Okd.
COST, \$2500

(974) NO. 9377 B STREET, Oakland.
Addition.
Owner.....Wm. Jurgewitz, Premises.
Architect...None.
Contractor..C. B. Chubbuck, 9327
Plymouth, Oakland. COST, \$450

(975) S E-TWENTY-FIRST 100 W
19th Ave., Oakland. One-story six-
room dwelling.
Owner.....John R. Hodge, 1733 16th
Ave., Oakland.
Architect...None.
Day's work. COST, \$1600

(976) W BROADWAY bet 11th and
12th, Oakland. Alterations.
Owner.....Sunset Grocery, Premises.
Architect...None.
Contractor..Schnebley Hostrawser &
Pedgrift, 1935 Broadway,
Oakland. COST, \$600

(980) NE PERKINS & VAN BUREN
Ave., Oakland. Two-story five-room
dwelling.
Owner.....S. W. Hall, 1st National Bk.
Bldg., Oakland.
Architect...A. W. Smith, 1010 Broad-
way, Oakland.
Contractor..S. McGill, 271 E-17th, Okd.
COST, \$5500

(981) NO. 933 FORTY-SIXTH, Oakland
Repairs.
Owner.....S. M. Baker, 2423 San
Pablo Ave., Oakland.
Architect...None.
Contractor..J. Carruth, 3415 San Pablo
Ave., Oakland. COST, \$400

(982) E 105TH AVE 280 N Knights,
Oakland. Two-story 9-room dwlg.
Owner.....Z. Shibata, 105th Ave S of
E-14th, Oakland.
Architect...None.
Contractor..S. Yoshichi, 269 8th, Okd.
COST, \$2200

(983) N WALA VISTA AVE 130 E
Aremo Ave., Oakland. Two-story 9-
room dwelling.
Owner.....H. L. and L. M. Bronson,
832 34th, Oakland.
Architect...None.
Contractor..C. A. Davis, 2028 E-15th,
Okd. COST, \$4500

(984) S FORTY-THIRD 210 E Grove,
Oakland. One-story 5-room dwlg.
Owner.....Owner, Alfred Olsen, 1116
Myrtle, Oakland.
Architect...None.
Day's work. COST, \$1600

(985) E HANOVER 250 Brooklyn Ave
Oakland. Two-story 7-room dwlg.
Owner.....Taylor Bros., 1st National
Bank Bldg., Oakland.
Architect...None.
Contractor..Fred Peters, 339 Portland
Ave., Oakland. COST, \$3500

(986) W FORTY-FIRST AVE 35 N E-
16th, Oakland. One-story 4-room
dwelling.
Owner.....S. A. Pleasants, Cor. Liese
Ave and E-14th, Oakland.
Architect...None.
Contractor..W. H. Bocarde, 3935 an
Juan, Oakland. COST, \$1200

(988) PTN LOTS 12 AND 13 Contain-
ing 3.79 acres Bk "F" Map Revised
Map Piedmont Park, Piedmont. All
work for two-story, basement and
attic frame school building.
Owner.....Miss Ransom and Miss
Bridges' School.
Architect...Julia Morgan, Merchants'
Exchange Bldg., S. F.
Contractor..Wm. L. Boldt, 2123 Stuart,
Berkeley.

Filed Mar. 28, '13. Dated Mar. 27, '13.
2nd floor joists on.....\$ 9333
Rough plumbing and electric..... 9333
Wiring passed inspection..... 9333
Plastering completed..... 9333
Completed and accepted..... 9333
Usual 35 days..... 12444
TOTAL COST, \$49,776

Bond, \$25,000. Sureties, Geo. H. Derrick
& F. S. Bodie. Limit, Aug. 1. Forfe-
it, none. Plans and specifications
filed.

(989) LOT 10 BLK "S" Map Alpine
Tract, Oakland. All work for two-
story four flats (three-room and bath
each.)
Owner.....Mrs. Mary A. Shumway,
55th and Grove, Oakland.
Architect...C. M. Cook, Rialto Bldg.,
San Francisco.
Contractor..R. A. Crothers, 1200 1st
Ave., San Francisco.

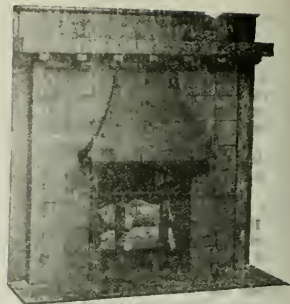
Filed Mar. 29, '13. Dated Mar. 27, '13.
Frame work and rafters up.....\$1055.75
Enclosed and brown coated..... 1055.75
Completed and notice filed..... 1055.75
Usual 35 days..... 2065.75
TOTAL COST, \$5233.00

Bond, \$2620. Surety, G. W. Mitchell.
Limit, 75 days. Forfeited, \$3. Plans and
specifications filed.

(995) LOT 142 OAK PARK PLACE,
Oakland. All work for two-story
dwelling.
Owner....Edith M. Owen, Oakland.
Architect...A. W. Smith, 1010 Broad-
way, Oakland.
Contractor..Henry Ahnfeld, 3005 King,
Berkeley.

Filed Mar. 29, '13. Dated Mar. 25, '13.
Frame up.....\$1000
Enclosed and 1st coat plaster
completed..... 1150
Completed and accepted..... 1100
Usual 35 days..... 1160
TOTAL COST, \$4410

Bond, none. Limit, June 20. Forfeited,
\$3. Plans and specifications filed.



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1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone Oakland 8622

(996) W MAGNOLIA 150 N 30th, Oak-
land. One-story 4-room dwelling.
Owner.....E. J. Coleman, 309 Linden
Ave., an Francisco.
Architect...None.
Day's work. COST, \$1000

(997) W TWENTY-FIRST AVE 86 N
E-15th, Oakland. One-story four-
room dwelling.
Owner.....T. A. Rogerson, 1523 21st
Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

(998) NO. 9825 "B," Oakland. Alter
and add to building.
Owner.....J. N. Cortea, Premises.
Architect...None.
Contractor..H. J. Nichols, 1329 93rd
Ave., Oakland. COST, \$1067

(999) CHESTNUT ST. Freight Yards,
Oakland. One-story warehouse.
Owner.....S. F. & O. Terminal Rail-
ways, Oakland.
Architect...None.
Contractor..Schnebley Hostrawser &
Pedgrift, 1935 Broadway,
Oakland. COST, \$1600

(1000) N E-SIXTEENTH 100 W Third
Ave., Oakland. Three-story 18-room
apartments.
Owner.....D. Fried.
Architect...None.
Contractor..Sommarstrom Bros., 1502
Alice, Oakland. COST, \$8100

(1001) FIFTY-FOURTH & MARKET,
Oakland. Reinforced concrete school.
Owner.....City of Oakland.
Architect...John J. Donovan, Security
Bank Bldg., Oakland.
Contractor..Boyd, Kerr & McLean, 110
Jessie, San Francisco. COST, \$48,800

BUILDERS' BOND.

Mar. 2, 1913—S PTN LOTS 4 & 5 BLK
"F" Highland Terrace Map No. 2. E
Gilbert 150 N Johns, Okd. Owner, S
S Wright with W H Judson, contrac-
tor. Surety, American Bonding Co.
of Baltimore. Bond, \$1035. Contract
filed March 22, 1913.

Building Contracts Awarded.

Berkeley.

928	Johanson	Johanson	1900
929	Sorrick	Peake	1400
930	Sorrick	Peake	1400
932	Peake	Peake	3000
940	Beasley	Lee	3282
959	Markham	Spitler	3000
964	Swanson	Owner	400
966	Milnthorp	Underwood	1000
965	Harnden	Larsen	4000
977	Ingalsch	Pfrang	4500
978	Crane	Crane	3000
979	Babcock	Engler	6000
987	Stand Bldrs	Kollmer	2000
990	Ala Co Invt.	Nelson	2280

(928) S OREGON 35 W Mathews, Berkeley. One and one-half-story 8-room dwelling.

Owner.....Victor Johanson, 2418 10th, Berkeley.

Architect...None.
Day's work. COST, \$1900

(929) N VIRGINIA 100% W Eighth, Berkeley. One-story 5-room dwlg.

Owner.....I. Sorrick, 2127 University Ave., Berkeley.

Architect...None.
Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
COST, \$1400

(930) N VIRGINIA 67½ W Eighth, Berkeley. One-story 5-room dwlg.

Owner.....I. Sorrick, 2127 University Ave., Berkeley.

Architect...None.
Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
COST, \$1400

(932) E MARIPOSA 308.82 N Amador, Berkeley. Two-story 8-room dwlg.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.

Architect...None.
Day's work. COST, \$3000

(940) LOT 11 BLK 9, Berkeley Heights, Berkeley. All work for two-story and basement dwelling.

Owner.....S. D. Beasley, Pinole, Cal.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...A. C. Lee, Alameda.

Filed Mar. 25, '13. Dated Mar. 18, '13.
Framed ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼
TOTAL COST, \$3283

Bond, \$1700. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(959) E MILVIA 250 N Yolo, Berkeley. One-story 5-room dwelling.

Owner.....R. Markham, 1st National Bank Bldg., Berkeley.

Architect...None.
Contractor...E. B. Spitler, 2154 Ashby Ave., Berkeley.
COST, \$3000

(964) N PARKER 215 W Grant, Berkeley. Repairs.

Owner.....Albert Swanson, 1729 Parker, Berkeley.

Architect...None.
Contractor...A. Swanson.
COST, \$400

(965) N FAIRVIEW 300 E California, Berkeley. Addition.

Owner.....Mrs. M. F. Milnthorp, 1626 Fairview, Berkeley.

Architect...None.

Contractor...I. A. Underwood, 5917 Grove, Berkeley.
COST, \$1000

(966) LOT 1 BLK 14 Map Oak Ridge, Claremont, Berkeley. All work for two-story and basement dwelling.

Owner.....Dr. F. W. Harnden, Shreve Bldg., San Francisco.

Architect...Albert Farr, 68 Post, S. F.
Contractor...W. Larsen, San Francisco.
Filed Mar. 26, '13. Dated Mar. 24, '13.
1st floor joists placed.....\$250
Rafters placed 500
Rough plaster on inside..... 500
Plaster completed inside and out and 50% finish delivered..... 550
Completed 1200
Usual 35 days 1000
TOTAL COST, \$4000

Bond, \$2000. Surety, American Surety Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

(977) W SHATTUCK 400 S Los Angeles, Berkeley. Two-story 9-room dwelling.

Owner.....M. Ingalsch, San Francisco.

Architect...None.
Contractor...C. J. Pfrang, 5459 Shafter Ave., Oakland.
COST, \$4500

(978) W LE ROY AVE 170 N Cedar, Berkeley. One and one-half-story 6-room dwelling.

Owner.....C. B. Crane, 1609 La Loma Ave., Berkeley.

Architect...None.
Day's work. COST, \$3000

(979) E CONTRA COSTA AVE 55 S Indian Rock Path, Berkeley. Two-story 8-room dwelling.

Owner.....David T. Babcock, Bkly.

Architect...None.
Contractor...Louis Engler, 2721 Haste, Berkeley.
COST, \$6000

(987) S DELAWARE 98 W Acton, Berkeley. One-story 5-room dwlg.

Owner.....Standard Home Bldrs. & Realty Co., 1st National Bank Bldg., S. F.

Architect...None.
Contractor...Jacob Kollmer, 2811 Sturat Oakland.
COST, \$2000

(990) LOTS 4 AND 5 Map of Ellsworth Tract, Berkeley. Excavation, grading, filling, concrete work, floors, walks, steps and water proofing for three-story and basement frame apartment house.

Owner.....Alameda County Home Investment Co., 1st National Bank Bldg., Berkeley.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...F. E. Nelson, 3090 King, Berkeley.

Filed Mar. 28, '13. Dated Mar. 27, '13.
Concrete forms, concrete filling, excavating and grading and filling and water proofing.....\$1300
Completion of work 450
Usual 35 days 600
TOTAL COST, \$2350

Bond, \$1190. Surety, Aetna Accident & Fidelity Co. Limit, 20 days. Forfeit, \$5. Plans and specifications filed for concrete work.

Building Contracts Awarded

Alameda.

921	Petaluma Bldg	Noble	1800
925	Strang	Strang	2000
926	Conrad	Conrad	1500
927	Cotella	Younger	500
931	Le Boyd	Le Boyd	1500
932	Rodda	Kent	400
933	Fraga	Fraga	500
994	Yates	Yates	500

(924) NO. 1107 PARK AVE., Alameda. One-story 5-room dwelling.

Owner.....Petaluma Realty Co., Petaluma, Cal.

Architect...None.
Contractor...Geo. H. Noble, 2116 Webb Ave., Alameda.
COST, \$1800

(925) NO. 805 PORTOLA AVE., Alameda. One-story dwelling.

Owner.....E. H. Strang, 1116 Santa Clara Ave., Alameda.

Architect...None.
Day's work. COST, \$2000

(926) NO. 838 OAK, Alameda. One-story dwelling.

Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.

Architect...None.
Day's work. COST, \$1600

(927) BAY FARM ISLAND, Alameda. Warehouse.

Owner.....C. Cotella, Premises.

Architect...None.
Contractor...F. A. Younger, 3880 Magee Oakland.
COST, \$500

(991) NO. 1926 CHESTNUT, Alameda. One-story dwelling.

Owner.....W. G. Le Boyd, 1340 Broadway, Alameda.

Architect...None.
Day's work. COST, \$1500

(992) NO. 1434 ST. CHARLES, Alameda. Alterations.

Owner.....J. H. Rodda, 1516-A St. Charles, Alameda.

Architect...None.
Contractor...A. J. Kent, 752 Taylor Ave. Alameda.
COST, \$400

(993) NO. 1028 COLLEGE AVE., Alameda. One-story dwelling.

Owner.....Frank S. Fraga, Blanding Ave. and Broadway, Ala.

Architect...None.
Day's work. COST, \$500

(994) NO. 1613 EIGHTH, Alameda. One-story dwelling.

Owner.....W. P. Yates, 1617 Eighth, Alameda.

Day's work. COST, \$500

Completion Notices.

Alameda.

Mar. 24, 1913—LOT 28 BLK "B" Santa Fe Tract No. 14, Okd. Charles Chester McClain to Geary & Ross

.....Mar. 19, 1913

Mar. 24, 1913—LOT 52 BLK 5 Map Melrose Heights, Okd. K. M. Sheridan to whom it may concern.....

.....Mar. 13, 1913

Mar. 24, 1913—LOTS 3, 4, 5, 7 and 8 Blk "W" Map No. 3 of Roberts & Wolfskill Tract, Okd. Rosalie S Hewitt to W. M. Greuner, Mar. 20, 1913

Mar. 24, 1913—FIRST AVE opp. E-

15th. Okd. W L Mitick to Charles E Burks.....Mar. 22, 1913
 Mar. 25, 1913—LOT 7 BLK 20 Matthews Tract: S Parker 230 E Mabel, Bkly. H F Hiller to Peake Munro Co....
 Mar. 27, 1913—LOT 33 and N half Lot 32 Blk 2, Havenscourt. Okd. H L Wood to T E Stanley.....Mar. 27, 1913
 Mar. 27, 1913—LOTS 7 AND 8 BLK 4 and ptn Lot 6 Blk 4 Map Fourth Ave Heights. Okd. Piedmont Heights Bldg Co to R H Van Sant Jr.....Mar. 25, 1913
 Mar. 27, 1913—LOT 1 and ptn Lot 2 Blk "F," Bryant Tract, Bkly. C H G Runde to Sullivan Bros. Feb. 27, '13
 Mar. 27, 1913—LOTS 19, 20 AND 21 Fonte Tract, Okd. H L Wood to T E Stanley.....Mar. 27, 1913
 Mar. 28, 1913—LOT 5 BLK 10 Northbrae, Bkly. Peake-Munro Co to whom it may concern.....Mar. 25, 1913
 Mar. 28, 1913—CORONADO AVE NO. 5125, Oakland. Jean L Kempf to Harry C Knight.....Feb. 1, 1913
 Mar. 24, 1913—S MONTE VISTA AVE 47.75 W Bayo Vista Ave W 47.75 S 126.13 E 47.53 N 129.94, Oakland. Walter Joseph Smyth to J Frank Gunn.....Feb. 20, 1913

LIENS FILED

Alameda.

Mar. 22, 1913—W SPRUCE 320 S Cedar S 50xW 150, Bkly. W Hostler vs Charles R McNulty and Giles M Briggs.....\$28

SAN JOSE AND THE SANTA CLARA VALLEY.

BUNGALOWS—1 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are about to be started in San Jose: W. F. Gillman, So. Hull avenue, 1 story frame, \$1,800; and Alex. York, Russ House, 1 story, frame, \$1,800.

STATE HIGHWAY WORK—Cost not stated. Mendocino and San Mateo Counties, Engineer, State Highway Commission, Sacramento. Owners, State of California. The following contracts were awarded at the last meeting of the State Highway Commissioners:

In Santa Clara County, from Elenvale to Morgan Hill, 13 miles, concrete base with bituminous top, to Richard Keating & Sons, San Francisco, \$49,396.

In Stanislaus County, from a point near Modesto to the northern county boundary, 7 miles, oiled concrete to Considine & Bates, Los Angeles, \$32,389.

In Mendocino County, between Ukiah and Forsythe Creek, macadam, two miles, to David Sawyers and Charles White, \$53,313.

In San Mateo County, between Redwood City and the south county boundary, asphalt concrete on old macadam, 5.3 miles, to S. F. Doyle, \$41,720.

Bids will be called for at once on five sections more located as follows:

In San Mateo County, between San Mateo and Berceros, macadam base and asphaltic concrete surface, 2 miles.

In Santa Clara County, between San Jose and Edenvale, macadam with asphaltic top, 4.35 miles.

In Ventura County, between south

county boundary and Newberry Park, oiled concrete, 7.31 miles.

In Stanislaus County, various parts of the highway between Turlock and Ceres.

In Yuba County, various parts of the highway between Morrison's Crossing and Marysville.

Building Contracts.

SANTA CLARA COUNTY.

E MARKET 2nd Lot S Bassett, San Jose. One-story brick building. Owner.....G. O. Comstock, 231 Miramar Ave., San Francisco.

Architect.....None.
 Day's work.....COST, \$2500

E SPRING 2nd Lot S of Hobson, San Jose. Four-room cottage.

Owner.....R. Mareno, Premises.

Architect.....None.
 Day's work.....COST, \$700

SW COR. JULIAN AND FOURTEENTH, San Jose. Foundation and repairs on residence.

Owner.....P. Tamane, Premises.

Architect.....None.
 Day's work.....COST, \$500

W NINTH S of Keyes, San Jose. Four-room cottage.

Owner.....Alex York, Russ House, San Jose.

Architect.....None.
 Day's work.....COST, \$1800

S HULL AVE at E end of street, San Jose. Five-room cottage.

Owner.....W. F. Gillman, Premises.

Architect.....None.
 Day's work.....COST, \$1800

S HAWTHORN WAY, 3rd Lot E of San Pedro, San Jose. One and one-half-story residence.

Owner.....C. V. Filkes, 49 S-Lincoln Ave., San Jose.

Architect.....None.
 Contractor.....Lee Gardner, 197 Hawthorn Way, San Jose.

COST, \$2350

W BIRD AVE, bet Fuller and Riverside Aves., San Jose. Seven-room bungalow.

Owner.....H. P. Salisbury, 917 Delmas Ave., San Jose.

Architect.....None.
 Day's work.....COST, \$2499

SW SECOND AND SAN FERNANDO, San Jose. All work for remodeling Old Masonic Hall of the Rutherford Block.

Owner.....Ernest E. Kortick, 225 Castro, San Francisco.

Architect.....L. T. Lenzen, 110 S-Second, San Jose.

Contractor.....J. C. Thorp, Smout Bldg., San Jose.

Filed Mar. 26, '13. Dated Mar. 20, '13.

75% of amount of material used and labor performed at the building and 50% upon the materials delivered at the grounds will be paid from time to time as work progresses.....25%

Usual 35 days.....25%

TOTAL COST, \$2380

Bond, \$1190. Surety, Fidelity & Deposit Co. of Maryland. Limit, to be completed May 15. Forfeit, none. Plans and specifications filed.

LOT 9 BLK 3 Palm Haven Tract, San Jose. All work for one and one-half story dwelling.

Owner.....Hiram Thompson, 257 S-Third, San Jose.

Architect.....Warren Skillings, 170 So-14th, San Jose.

Contractor.....J. H. Miller, San Jose.

Filed Mar. 22, '13. Dated Mar. 22, '13.

Frame up and enclosed.....\$7095

Plastering finished.....1095

Building accepted.....1095

Usual 35 days.....1095

TOTAL COST, \$4380

Bond, \$2190. Sureties, T. B. and A. L. Hubbard. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NW FIRST AND SAN SALVADORE, San Jose. All that goes to make up a full mill bid for two-story frame and brick building.

Owner.....Julius Wesnitzer, 98 N-14th, San Jose.

Architect.....Chas. McKenzie, Bank of San Jose, San Jose.

Contractor.....Glenwood Lumber Co., 24 N-Third, San Jose.

Filed Mar. 25, '13. Dated Mar. 12, '13.

As work progresses.....75%

Usual 35 days.....25%

TOTAL COST, \$2944.53

Bond, \$1500. Sureties, A. E. Schnabel and A. E. Schnabel. Limit, forfeit, none. Plans and specifications filed.

NOTE:—Delivered as per order of architect so as not to hinder contractors

PLASTERING ON ABOVE.

Contractor.....W. J. Henderson, 332 N-16th, San Jose.

Filed Mar. 25, '13. Dated Mar. 7, '13.

Payments same as above.....

TOTAL COST, \$459

Bond, none. Limit, so as not to hinder other contractors. Forfeit, none. Plans and specifications filed.

IRON AND STEEL WORK ON ABOVE.

Contractor.....The San Jose Foundry, 22 Vine, San Jose.

Filed Mar. 25, '13. Dated Mar. 13, '13.

Payments same as above.....

TOTAL COST, \$1025

Bond, none. Limit, completed so as not to halt work of other contractors. Forfeit, none. Plans and specifications filed.

PAINTING AND TINTING ON ABOVE.

Contractor.....J. C. F. Stagg, 254 South First, San Jose.

Filed Mar. 25, '13. Dated Mar. 27, '13.

Payments same as above.....

TOTAL COST, \$434

Bond, none. Limit, finished so as not to delay other contractors. Forfeit, none. Plans and specifications filed.

ELECTRIC WIRING ON ABOVE.

Contractor.....The Century Elec. Co., 38 E-San Antonio, San Jose.

Filed Mar. 25, '13. Dated Mar. 6, '13.

Payments same as above.....

TOTAL COST, \$184

Bond, none. Limit, finished so as not to delay other contractors. Forfeit, none. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

THEATRE—2 story and base. Class C construction, \$25,000. Martinez, Contra Costa Co. Cal. Architects, Millman Bros., Delger Bldg., Oakland. Owner, H. J. Curry. The building has been designed for a modern theatre and stores.

The location is one of the best in the city. The theatre will have a seating capacity of 800 and will be properly ventilated and equipped with the most modern appliances. Interior will be finished in pine throughout. Patent store fronts will be used. The exterior of the building will be faced with pressed brick. Plans are being prepared.

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 1, 2, 3 BLK "F," Nicholl Subdvn. All work for three-story and basement brick hotel building.

Owner.....John Gerlach, Richmond.
Architect...C. O. Claussen, 970 Phelan Bldg., San Francisco.
Contractor...James Cruckshank, City of Richmond.

Filed Mar. 24, '13. Dated Mar. 20, '13.
Floor joists set.....\$2475
Fire walls topped.....2475
Brown coat plaster on.....2475
Building completed.....2475
Usual 35 days.....3250

TOTAL COST, \$13,150

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Mar. 27, 1913—LOT 1 BLK 55, City of Richmond. (F A Pinger and E B Pinger doing business as Richmond Electric Co.), \$36.50; R L Fernald, \$82 vs M J Kelly and J W Kelly.....

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Mar. 24, 1913—LOTS 1 AND 2 BLK 58 City of Richmond. Hoyt & Green, Inc to T S Handley.....Mar. 14, 1913

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—1 story and base, frame, \$5,000. Modesto, Stanislaus Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, Shiloh School District. The building is to be designed for a district school and will contain two standard size class rooms. Interior will be finished in pine. There will be composition blackboards. Two Lenox heaters are to be installed. The exterior of the building will be covered with rustic and shingles. Plans are being prepared.

JAIL—1 story and base, steel and reinforced concrete, \$6,000. Turlock, Stanislaus Co., Cal. Architect, none. Owner, City of Turlock. The building will be 25x70 feet, containing seven cells, and has been designed for a City and County Jail. Considerable structural steel will be used. Interior finish will be of pine. Special cell work will be called for. The exterior of the building will be faced with cement plaster. Plans are complete and bids will be advertised shortly.

LODGE HALL—2 story and base, brick. Cost not stated. Taft, Kern Co., Cal. Architect, J. M. Saffell. New Fish

Bldg., Bakersfield. Owners, Odd Fellows' Hall Association. The building has been designed for stores on the first floor and large lodge hall and offices on the second floor. Interior will be finished in pine and hardwood. There will be patent store fronts. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be opened on April 4th. Plans and specifications can be secured from the architect. A check for 10% must accompany all bids and be made payable to S. A. White.

SCHOOL—1 story and base, brick, \$20,000. Taft, Kern Co., Cal. Architect, O. L. Clark, Bakersfield. Owners, Taft School District. All bids for the construction of this building have been rejected as being above the amount available for construction. Plans are now being revised and new bids will be called for in the course of the next two weeks.

THEATRE—4 story and base. Class A construction, \$200,000. Fresno, Fresno Co., Cal. Architect, C. A. Neussdorfer, Humboldt Bank Bldg., S. F. Owners, W. Parker Lyons and L. L. Cory. The building will be designed for a combination store and theatre building and will be fireproof throughout. A complete steel frame will be used with walls of brick faced with pressed brick and terra cotta. Interior finish will be of pine, hardwood and ornamental plaster. There will be a modern system of heating and ventilation. Floors will be of concrete. Complete stage equipment will be included in the building. Plans are being prepared.

Contracts Awarded.

FLAT—2 story and base, frame, \$5,400. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, P. S. Turnbull. Contractor, E. P. Smith, Fresno. Contract price, \$5,400.

HOSPITAL—2 story and base, brick and steel, \$35,000. Fresno, Fresno Co., Cal. Architects, Starbuck & Clarke, Fresno. Owner, Dr. Sample. Contractor, Allen, Fresno. Contract price, \$35,000.

RAILROAD STATION—1 story, brick and concrete. Cost not stated. Coalinga, Fresno Co., Cal. Architect, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Company. Contractor, W. J. Oels, Bakersfield. Contract price not stated. The same company will shortly have plans out for figures for the construction of a similar station which is to be erected at Lemoore.

SEWER SYSTEM—\$35,000. Dinuba, Tulare Co., Cal. Engineer, City Engineer, Dinuba. Owners, City of Dinuba. Contractors, Hall & Hunt, San Francisco. Contract price, \$23,469.74. Other bidders on the work were as follows: Redman & Bier, \$33,134.98; Coalinga Tank and Pump Co., \$39,009.82; Chambers & Heafy, \$33,818.76; Cowden & Shucklin, \$26,614.33.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOWS—1 story and base, frame. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about ready to be started in Stockton: A. L. Hooley, 327 East Anderson St., 1 story, frame, \$1,900; Cowell Bros., 618 Miner, 1 story, frame, \$2,000; H. H. Thompson, 410 East Mar-

ket, 1 story, frame, \$2,000. N H Thompson, 410 East Market, 1 story, frame, \$2,000; Miller, Stockton, 1 story frame, \$2,500, and B. P. Ames, 420 McCloud, 1 story, frame, \$2,000.

BRIDGE—Reinforced concrete, \$145,000. Orland, Glenn Co., Cal. Engineer, County Surveyor, Orland. Owners, Glenn County. The Glenn County Supervisors have adopted plans for the construction of a reinforced concrete bridge across Stony Creek, near Orland. A patented system known as the Luten System, which was presented by the Ross Construction Co. of Sacramento, was approved. The structure will cost \$145,000. Bids will be called for shortly.

SCHOOL—1 story and base, brick, \$25,000. Exeter, Tulare Co., Cal. Architect's name not given. Owners, Exeter School District. Contractor, J. C. Thurman, Exeter. Contract price, \$24,652. Note: The building will contain six class rooms, auditorium and offices. A central heating system will be installed.

SEWER SYSTEM—\$25,000. Visalia, Tulare Co., Cal. Engineer, City Engineer, Visalia. Owners, Town of Visalia. Plans have been adopted for the construction of a sewer system embracing 25,000 lineal feet of sewers. Bids for the construction of the work are to be obtained from a bond election which will be held shortly.

Building Contracts.

SACRAMENTO COUNTY.

LOT 1, K, L, 9TH AND 10TH STS., Sacramento. Installing office fixtures and mill work, etc.

Owner.....Natamas Consolidated of California, Forum Bldg., Sacramento.

Architect...R. A. Herold, Forum Bldg., Sacramento.

Contractor...G. Edw. Hook, 718 18th St., Sacramento.

Filed Mar. 22, '13. Dated Mar. 22, '13. COST, \$1370

NO. 1115 THIRD ST., Sacramento. Alterations and additions to two-story brick building.

Owner.....Wing On Co.

Architect...None.

Contractor...L. G. Barton & L. E. Hite, 1812 L St., Sacramento.

Filed Mar. 21, '13. Dated Mar. 21, '13. COST, \$1545

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 10 AND 13 BLK 15, Lodi. All work for remodeling store front of two-story brick building.

Owner.....Anna Sollars

Architect...Walter King, Elks' Bldg., Stockton.

Contractor...Jacob Loeb.

Filed Mar. 23, '13. Dated Mar. 23, '13.

Rear steel girder in place.....\$1000

2nd story windows in and front steel girders up.....1000

All work completed.....1125

TOTAL COST \$3125

Bond, \$1600. Sureties, C. E. Durston and Geo. L. Meissner. Limit 60 days. Forfeit, none. Plan and specifications filed.

LOT 6 BLK B, Sols, 2869 Stockton. One-story frame building.

Owner.....W. H. Thomson, 410 East Market, Stockton.
 Architect.....None.
 Day's work.....COST, \$2000

LOT 10 BLK "B" Survey 2819, Stockton. One-story frame building.
 Owner.....W. H. Thomson, 410 East Market, Stockton.
 Architect.....None.
 Day's work.....COST, \$2000

LOT 1 BLK "B" Survey 2569, Stockton. One-story frame building.
 Owner.....H. H. Thomson, 410 East Market, San Francisco.
 Architect.....None.
 Day's work.....COST, \$2000

8 HALFLOTS 9 AND 11 BLK 97 W. STOCKTON. One-story frame building.
 Owner.....Cowell Bros., 618 E-Miner, Stockton.
 Architect.....None.
 Day's work.....COST, \$2000

NO. 25 N-ELDORADO ST., Stockton. Repairing and remodeling brick bldg.
 Owner.....J. Busch, Premises.
 Architect.....None.
 Day's work.....COST, \$1000

LOT 4 BLK 125 E. Stockton. Frame building.
 Owner.....C. Miller.
 Architect.....None.
 Day's work.....COST, \$2500

LOT 20 BLK 3, The Oaks, Stockton. One-story frame building.
 Owner.....B. F. Ames.
 Architect.....None.
 Day's work.....COST, \$2000

LOT 7 BLK 97 S M C. Stockton. One-story frame building.
 Owner.....Ed Denuite.
 Architect.....None.
 Day's work.....COST, \$1000

LOT 16 BLK 56 W. Stockton. Frame building.
 Owner.....John 'Ghillely.
 Architect.....None.
 Day's work.....COST, \$2500

LOT 12 BLK 258 E. Stockton. Addition to frame building.
 Owner.....Joe H. Nemece, 1445 East Lafayette St., Stockton.
 Architect.....None.
 Day's work.....COST, \$400

LOT 5 BLK 97 S M C. Stockton. One-story frame building.
 Owner.....A. B. Dolson & Hawes, Office Weber Ave., Stockton.
 Architect.....R. B. Wilson, 79 San Joaquin Bldg., Stockton.
 Day's work.....COST, \$1000

LOT 8 BLK 63 W. Stockton. One and one-half-story frame building.
 Owner.....Miss Webber, 407 N-Eldorado, Stockton.
 Architect.....None.
 Day's work.....COST, \$3200

LOT 16 BLK 267 E. Stockton. Remodel frame building.
 Owner.....A. Cunningham, 445 South Pilgrim, Stockton.
 Architect.....None.
 Day's work.....COST, \$500

W 17½ FT. LOT 4 and E 17½ Lot 6 Blk 37, S M C. Stockton. Frame bldg.
 Owner.....Shepherd & Chain, 1426 N-Edison, Stockton.
 Architect.....None.
 Contractor.....O. H. Chain, 1426 N-Edison Stockton.
 COST, \$1650

E 23½ FT. LOT 4 BLK 33 S M C. Stockton. Frame building.
 Owner.....Shepherd & Chain, 1426 N-Edison, Stockton.
 Architect.....None.
 Day's work.....COST, \$1650

W 33½ FT. LOT 6 BLK 33 S M C. Stockton. Frame building.
 Owner.....Shepherd & Chain, 1426 N-Edison, Stockton.
 Architect.....None.
 Day's work.....COST, \$1650

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—2 story and base, brick and frame, \$10,000. Los Angeles, Cal. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owner, J. C. Rivers. The dwelling will be erected on a large tract and has been designed to contain twelve rooms, baths and sleeping porches. A two-story garage will also be erected on the property. Interior finish of the dwelling will be of pine and hardwoods. Tile will be used in all the bath rooms. A central heating system will be installed. There will be a number of open fire places with brick and tile mantels. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster and brick veneer. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Anton Reif, Higgins Bldg., L. A. Owner, Adolph Jahnske. The building will cover a lot 56x75 feet. There will be a number of two room apartments, all of which will have private baths and will be equipped with wall beds. Interior finish will be of pine with some oak veneer and floors. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick and artificial stone. Plans are complete and figures are being taken on the work.

LAUNDRY—2 story and base. Class C construction, \$100,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Excelsior Laundry Co. The building will occupy a corner site and will cover an area of 200x300 feet. Floor will be of cement. There will be metal window frames and sash and fireproof doors. The estimated cost does not include special machinery. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTEL—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, F. Hill. The building will cover an area of 79x120 feet. The first floor will contain four stores besides the hotel office and lobby. Upper floors will be arranged for a total of 105 guest rooms and 38 baths. Plans in-

clude steam heat, elevator service, hot water plant, vacuum cleaning, tile bath rooms. Interior finish will be of pine and hardwood. Cement floors will be used in the baths. Metal window frames and sash are specified. The architect is now completing the working drawings. The exterior of the building will be faced with pressed brick.

HOTEL—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, Henry L. Wilson, Story Bldg., L. A. Owner, E. Avery McCarthy. The building is to cover an area of 50x110 feet. The first floor will contain office and lobby and upper floors a total of 64 rooms and 18 baths. Interior finish will be of pine throughout with tile used in the bath rooms and some ornamental plaster in the lobby. There will be steam heat and hot and cold running water. The exterior of the building will be faced with pressed brick. Plans for the work are now nearly complete.

HOTEL—12 story and base, reinforced concrete, \$300,000. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. The building is to be erected on the east side of Spring street, and will have a frontage in that street of 60 feet and a depth of 165 feet. Preliminary plans have been prepared and show a total of 300 guest rooms, about 50 per cent of which will have private baths. Construction is to be fireproof throughout. William Richards, Wright and Callender Bldg., is the engineer in charge of the reinforced concrete design. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Interior finish will be of metal and hardwoods. Floors and roof will be of concrete. Interior partitions will be of hollow tile. The exterior of the building will probably be faced with pressed brick and terra cotta. Preliminary plans only have been prepared and further notice will be given in these reports as soon as working drawings are ready.

SCHOOL GROUP—Class A construction, \$650,000. Los Angeles, Cal. Architects, Allison & Allison, Hillernan Bldg., L. A. Owners, State of California. Information received from the State Architect's office in Sacramento states that on March 26th the following firms had applied for plans and specifications on the State Normal School at Los Angeles. Over \$650,000 is available for construction. Bids will be opened in Sacramento on April 5th: Gladding-McBean & Co., Crocker Bldg., San Francisco; Latourette-Fical Co., Sacramento; Sound Construction Co., San Francisco; Arthur Arlett, Oakland; McLaren & Petersen, San Francisco; Lewis A. Hicks Co., Rialto Bldg., San Francisco; Builders' Exchange of Alameda County, Oakland; D. Zelinsky, San Francisco; Southwestern Construction Co., Los Angeles; Creller & Seaman, Pasadena; J. F. Atkinson, Los Angeles; F. W. Walton & Son, Hollywood; Alta Planning Mill Co., Los Angeles; W. A. Schumacher Construction Co., Los Angeles; Los Angeles Planning Mill Co., Los Angeles; P. O. Engstrom, Los Angeles; Somers & Lund, Los Angeles; Thomas Haverly, Los Angeles; James H. Jacobs Co., 356 South Spring, Los Angeles; C. Leonardt, 708-10 H. W. Hellman Bldg., Los Angeles; James L. McLaughlin, 244 Kearny, San Fran-

also; Grant Fee, 2440 16th St., S. F.; Western Construction Co., 538 Bradbury Bldg., Los Angeles; Munger & Munger, 174 E. Union, Pasadena; P. Rolandi, 550 Montgomery, San Francisco; Wm. Simpson Construction Co., 728 Tinklin Bldg., San Diego.

STORES AND OFFICES—7 story and base. Class A construction, \$180,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Isaac Hellman. The building will be erected on Spring street adjoining the Ilbernian Building, and will have a frontage of 39 feet and a depth of 160 feet. There will be a complete steel frame, reinforced concrete walls, floor and roof, hollow tile interior partitions and suspended metal ceilings. The exterior will be faced with mat glazed terra cotta with a granite base. Interior trim will be of metal and oak with marble wainscoting. There will be metal window sash and frames. Steam heat, elevator service, a vacuum cleaning system and mail chutes are specified. Plans are complete and figures will be called for at once.

STORES AND OFFICES—8 story and base, reinforced concrete. Cost not stated. Pasadena, Los Angeles Co., Cal. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Matthew Slavin. The building will occupy one of the most important business corners and will cover an area of 50x90 feet. Construction will be of the reinforced concrete type throughout. There will be two stores on the first floor and a total of 100 offices on the upper floors. Interior partitions will be of metal lath and plaster. Interior finish will be of mahogany with marble wainscot and tile floors. There will be steam heat, elevator service and a vacuum cleaning system. Metal window sash and frames will be used. The exterior of the building will be faced with cement plaster. Plans are being prepared.

STORE AND LOFTS—3 story and base. Class C construction. Cost not stated. Los Angeles, Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, H. O. Vogel. The building will have a street frontage of 61 feet and a depth of 144 feet. The first floor will be fitted for store purposes and upper floors for light lofts. Interior finish will be of pine. There will be patent store fronts, metal window frames and sash and fireproof doors. A freight elevator will be installed. Exterior of the building will be faced with pressed brick. Plans are being revised and figures will be called for shortly.

LOFTS—3 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owner, Billike. The building is to be occupied partly by a laundry and the upper floors will be used for lofts. Construction will be of reinforced concrete throughout with metal window sash and frames. Interior will be finished in pine. The exterior of the building will be faced with cement plaster. The structure will cover an area of 45x71 feet. Plans are being prepared.

BRIDGES—1, reinforced concrete. Cost not stated. Naples, Santa Barbara Co., Cal. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owners, Naples Company. Two of the bridges will be 20 feet wide and 70 feet long and are to be constructed over Toledo street. The other two bridges

will be 15 feet wide and 70 feet long and are to be erected at Neapolitan Lake. Plans are being prepared and bids for the construction will be called for within a few days.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, Charles E. Bergin. The building will be used for a commercial garage and will cover an area of 50x150 feet. The greater portion of the floor space will be used for storage purposes. Interior finish of the office will be of pine. There will be a cement floor and metal window frames and sash. Plans are complete and figures are being taken.

LODGE HALL—3 story and base. Class C construction. Cost not stated. Pasadena, Los Angeles Co., Cal. Architects, Foss Building and Designing Co., 100 East Colorado St., Pasadena. Owners, Odd Fellows' Hall Association. This work has been mentioned here before when the plans were first being prepared. Working drawings are complete and figures will be called for at once. The building will cover an area of 50x98 feet. Kitchen and banquet rooms will be located in the basement; first floor will be arranged for stores and upper floors for club rooms, library, billiard hall and lodge rooms. Interior finish will be of pine and hardwood. There will be a central heating system. The exterior of the building will be faced with pressed brick.

SCHOOL—2 story and base, brick and frame construction, \$28,000. Los Angeles, Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Women's Board of Home Missions. The building has been designed as a school for Spanish girls, and will contain accommodations for 72 pupils. Interior finish will be of pine. There will be a steam heating system. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and figures will be taken by the architect within a short time.

SCHOOL—1 story and base, concrete and frame, \$25,000. Venice, Los Angeles Co., Cal. Architects, Eager & Eager, Story Bldg., L. A. Owners, Venice School District. The building will be built around the three sides of a court and will cover an area of 100x112 feet. The central portion will contain an auditorium equipped with stage and dressing rooms. One of the wings will contain four standard class rooms and the other the domestic science and manual training departments. The building will have concrete foundation, cement plaster over metal lath on the exterior, composition roofing, pine trim, lavatories, separate power plant for steam heating system. Plans are being prepared.

THEATRE—1 and 2 story and base, brick. Cost not stated. Imperial, Imperial Co., Cal. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, W. J. McHenry, Imperial. The building will cover an area of 50x135 feet and will contain several stores besides the main theatre portion, which will have a seating capacity of 800 people. Complete stage equipment will be included in the building. Interior finish will be of pine and ornamental plaster. There will be a modern ventilating system installed. The exterior of the building will be faced with pressed brick and cement plaster. Plans

are complete and in the hands of the owner who will take all figures on the work.

Contracts Awarded.

WAREHOUSE—3 story and base. Class A construction, \$120,000. Los Angeles, Cal. Architect, Hudson & Munsell, Simon Bldg., L. A. Owners, John A. Reelings Sons Co. Contractors, Alta Planning Bldg. general construction; Baker Iron Works, structural steel; Otis Elevator Co., elevator work.

STORES AND LOFTS—5 story and base. Class B construction, \$43,000. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owners, Edward D. Silent & Co. Contractor, J. P. Atkinson, Story Bldg., L. A. Contract price, \$43,000.

THEATRE—3 story and base. Class A construction, \$105,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, Little Theatre and Institute of Fine Arts. Contractor, E. O. Engstrom, 5th and Seaton Sts., L. A. Contract price, \$105,000.

MUNICIPAL WATER SYSTEM—\$16,000. Fullerton, Orange Co., Cal. Engineer, City Engineer, Fullerton. Owners, City of Fullerton. Contractor, R. C. Lowell, Monrovia. Contract price, \$46,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$70,000. Portland, Ore. Architect, J. S. Atkins, Henry Bldg., Portland. Owner's name withheld. The building is to be erected on a corner site and will cover an area of 50x140 feet. Construction will be fireproof throughout. The interior will be arranged for a total of 120 rooms, mostly two-room suites. There will be steam heat, elevator service, wall beds, private baths and a vacuum cleaning system. The exterior will be faced with cement plaster. Bids will be called for next week.

HOSPITAL—4 story and base, reinforced concrete, \$400,000. Portland, Ore. Architect's name not given. Owners, City of Portland. Preliminary plans for a new City and County Hospital have been approved by the commissioners and working drawings will be ordered prepared. Funds for the construction will not be available until next year. The building will be erected on the site of the present City and County Hospital and will be built in units. Further announcement will be made of the work in these columns.

SCHOOL—2 story and base, brick. Cost not stated. La Grande, Ore. Architect, John L. Slater, La Grande. Owners, La Grande School District. No particulars of this building have been given as yet. Mr. Slater has just received the commission to prepare plans and it will be some time before bids are called.

SCHOOL—2 story and base, brick \$30,000. Forest Grove, Ore. Architects, W. E. Bell and J. Jerry Willing, associated; Worcester Bldg. Portland. Owners, Forest Grove School District. Plans are nearly complete and bids will be called for early in this month for the construction of a twelve room school building. There will be a central heating system and other modern improvements. The exterior will be faced with pressed brick.

THEATRE—1 story and base. Class A construction. Cost not stated. Portland, Ore. Architect, Benj. G. McPhee.

rail, Sheldon Bldg., S. F. Owner, Calvin Helz. This building will replace the old Pittock Block and will contain the theatre the offices and an auxiliary steam plant of the Northwestern Electric Co. Construction will be of the Class A type throughout. Complete details of the building will be given in the next issue of the Building and Industrial News.

Contracts Awarded.

BANK—2 story and base, brick. Cost not stated. Roseburg, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland, Ore. Owners, First Trust and Savings Bank. Contractor, W. C. Arthur, Portland. Contract price not stated.

APARTMENT HOUSE—1 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Fred S. Allerton, Wilcox Bldg., Portland. Owner, Harry Howard. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price not stated.

BREWERY GROUP—3 story and base. Mill construction, \$75,000. Portland, Ore. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owners, Weinhard Brewery Co. Contractors, George Langford & Sons, Builders' Exchange Bldg., Portland. Contract price, \$75,000.

SEATTLE AND WASHINGTON.

APARTMENT HOUSE ADDITION—2 story, brick and concrete, \$50,000. Seattle, Wash. Architects, Blackwell & Brown, Northern Bank Bldg., Seattle. Owner, H. S. Amon. The two-story addition will be made to a five-story building. The present building will be raised and the additional stories constructed on a grade with the street. The exterior will be faced with pressed brick. Plans are now being prepared.

PIER AND WAREHOUSES—Concrete and frame construction, \$500,000. Seattle, Wash. Engineer, Paul P. Whitman, Port of Seattle Commission, Seattle. Owners, Port of Seattle Commission. Bids will be opened on April 9th for the construction of the central waterfront improvement, which is to consist of a wharf 1200 feet long and two frame warehouses. Other large improvements will be made under the direction of the same commission during the year which will total \$1,000,000.

GARAGE—2 story and base, brick and concrete, \$25,000. Tacoma, Wash. Architect, I. C. Irwin, Chamber of Commerce Bldg., Tacoma. Owner, August Boecklin. The building will occupy a corner site and will be designed for a commercial garage. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Plans are nearly ready for figures.

WAREHOUSE—4 story and base, brick and terra cotta, \$100,000. Tacoma, Wash. Architect, I. C. Irwin, Chamber of Commerce Bldg., Tacoma. Owners, California Wine House. The building will be designed for stores and office of the company on the first floor and warehouse on the upper floors. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. Metal window frames and sash will be specified. The exterior of the building will be faced with terra cotta. Plans are nearly complete and figures will be called for shortly.

CITY HALL—2 story and base, rein-

forced concrete, \$17,500. Puyallup, Wash. Architect, R. E. Borhek, Savage-Seofield Bldg., Tacoma. Owners, Town of Puyallup. The building will be in the classic style and will be arranged to contain the police and fire department headquarters, council chamber and executive offices. Interior finish will be of pine and hardwood. There will be a central heating system. The exterior of the structure will be faced with cement plaster. Plans are being prepared.

SCHOOLS—2, 2 story and base, brick and concrete, \$77,000 and \$78,000, respectively. Seattle, Wash. Architect's name not given. Owners, City of Seattle. Subfigures are wanted on the mill work, lumber and ornamental iron work on two new schools being constructed by the Manhattan Co., Inc., Central Bldg., Seattle.

RESERVOIR—Steel and concrete. Cost not stated. Forks, Wash. Engineer's name not given. Owners, Washington Oil Co., represented by Gerard-Phillip Co., Eitel Bldg., Seattle. Bids will be called for at once for the construction of a steel and concrete reservoir on one million gallons capacity. Plans and specifications are on file at the offices of the representatives.

Contracts Awarded.

RAILROAD CONSTRUCTION—\$1,700,000. Seattle to Sumas, Wash. Engineers, Engineering Dept. Northern Pacific R. R. Co. Owners, Northern Pacific R. R. Co. Contractors, Seattle Construction Co., Seattle. Note: It is generally assumed that the Seattle Construction Co. is composed of Grant Smith & Co. and Stillman.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10570. Tools for working in wood, metals, and stone.—A report from an American consulate in a European country states that a local business man desires to import light hand tools for working in wood, metals, and stone. Correspondence should be in Italian, German, or French.

No. 10572. Lighthouse and bouys.—The American consul at Montevideo, Uruguay, reports that a call for tenders has been issued by the Minister for Public Works for 1 bouy- lighthouse and 30 bouys of 4 meters (13.12 feet) focal height. Well known and reliable houses only may tender for these bouys. Bids will be received until April 28, 1913, at the Oficina de Obras Publicas, Montevideo, Uruguay.

No. 10573. Supplies for manufacturers and electrical establishments.—A report from an American consular officer in a European country states that a resident of his district has requested to be placed in communication with American manufacturers of the following articles: Asbestos rope and twine, boiler mountings and valves, leatheroid, leather and rubber belting, cotton clippings, electric apparatus, electric wire and cord, bolters, india rubber and gutta-percha insulating material, iron and

steel bars, plates, rails, and commercial iron, lubricating rope, vaseline, paraffin, wire rope, rosin, cottonseed oil, nitrate of soda. The inquirer desires to act as representative of manufacturers of the above articles. He states that he is in a position to handle them successfully and can furnish fully satisfactory references. Correspondence maybe in English.

No. 10575. Flexible gas tubing.—A business man in Germany informs an American consular office that he desires to hear from American manufacturers of flexible gas tubing, a sample of which accompanied the report and can be obtained from the Bureau of Foreign and Domestic Commerce. The inquirer has been importing this class of tubing from a well-known American firm which recently discontinued that part of its business.

No. 10469. Dredge buckets.—The Roads and Bridge Department, Boulogne, France, invites tenders for 36 dredge buckets. Particulars may be obtained of M. Viosin, Ponts et Chaussées Boulogne, France.

No. 10471. Steam launch.—The Home Office, Rio de Janeiro, invites tenders for a steam launch, the cost of which is estimated at \$3,450. Tenders will be received through local agents only.

No. 10472. Gas stoves, meters, and installations.—The Corporation, Macclesfield, Cheshire, England, will receive tenders for gas stoves, meters, and automatic installation at an estimated cost of \$73,000.

No. 10473. Bridge construction.—Tenders are invited for the construction of three bridges over the Rhine River and other works at an estimated cost of \$632,645. Particulars may be obtained of the International Rheingrullungs Kommission, Rorschach, Switzerland.

No. 10474. Timber sales.—The American consul general at Vancouver, British Columbia, has forwarded copies of notices stating that tenders will be received by the Minister of Lands, until April 23, for the purchase of a license to cut 7,000,000 feet of timber. Tenders will be received until May 8th for purchase of a license to cut 900,000 feet of timber. Particulars in each case can be obtained of the Chief Forester, Vancouver, British Columbia, Canada.

No. 10476. Mineral, vegetable, and animal oils.—A firm of large importers and wholesale dealers in mineral, vegetable, and animal oils in a Mediterranean country informs an American consulate that it desires to represent American exporters of these oils.

No. 10447. Electric heating and specialties.—A report from an American consular officer in a European country states that a resident of his district has inquiries for small special articles in the electric heating and lighting branches. Price should be quoted c. l. f. Hamburg, including boxing. The inquirer requests that manufacturers will not write and ask him what he wants, but will inform him what they have to offer. Correspondence may be in English.

No. 10505. Harbor improvements.—The American consulate at Mazatlan, Mexico, reports that bids will be opened in Mexico City at the end of April for the harbor improvements at Mazatlan. If this work is undertaken, it will also mean the completion of the railroad from Durango to Mazatlan, and assures the importance of the port of Mazatlan as the most important between San Francisco and Panama.

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Thirteenth Year, No. 14.

BUILDING AND INDUSTRIAL NEWS

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Industrial Activities of the Pacific Coast

Successor to:

California Architect.

Industrial News of Alameda Co.

Builder and Contractor.

Western Builder.

— THIS WEEK'S ILLUSTRATIONS: —

The New Tivoli Theatre, Home Of The
Opera In San Francisco And The Latest
Addition To The City's Modern Play-
houses, Designed By O'Brien & Werner,
Architects, San Francisco.

G. M. Anderson's Proposed New Theatre
To Be Erected Opposite The Orpheum.
Also Designed By O'Brien & Warner,
Architects, San Francisco.

TUESDAY, APRIL 8, 1913.

SAN FRANCISCO AND OAKLAND,

CALIFORNIA

Contractors Equipment

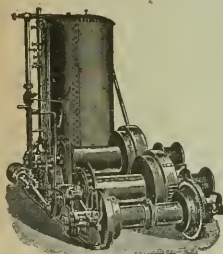
THAT BRINGS RESULTS

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Locomotives
Cranes
Dump Cars
Tractors
Crushers
Screens
Elevators



Concrete Mixers
Concrete
Elevators
Road Graders
Derricks
Clam Shell and
Orange Peel
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Editorial Comment.

Building in San Francisco for the month of March showed a healthy tone. Permits and recorded contracts on private construction looked up more than 2 million dollars on the month's work and City contracts and Exposition work raised this by more than a million more so that the grand total for March, 1913, amounted to \$3,576,376. Tabulated the figures would read as follows:

PRIVATE CONSTRUCTION

Brick	\$1,032,751
Frame	955,761
Alterations and additions.	153,341

Total	\$2,171,853
To this add	
Exposition contracts	\$ 266,479
Street work	271,561
City construction	866,483

Grand Total

\$3,576,376
This shows a healthful gain over last month and for that matter a favorable comparison with other years. As to the grand total of last month the figures amounted to \$2,736,813 which included harbor work for \$456,400 during the month of February while this month no contract was let on the water front.

Compared to former years the month of March in private construction runs as follows:

March, 1904	\$1,342,858
March, 1905	1,879,394
March, 1906	3,096,561
March, 1907	5,173,905
March, 1908	2,954,287
March, 1909	2,956,308
March, 1910	2,381,909
March, 1911	2,819,727
March, 1912	2,146,011
March, 1913	2,171,583

So far this year has shown a steady increase. In private construction January recorded \$1,553,355; February, \$1,979,043, and March, \$2,171,583. January recorded \$172,000 for Exposition work. \$389,334 for government buildings and \$475,200 for Harbor construction. So, also, February recorded \$456,400 for Harbor work while March had no report from either the United States Government or the State Board of Harbor Commissioners.

Altogether building seems to be going on at an encouraging rate of growth. If the coming months continue the good work. The outlook generally seems to be good for San Francisco and the prospects for the builders of the City are hopeful to say the least.

Warden Hoyle comes back at the investigation committee and Fremont Older of the Bulletin to the effect that the investigation at San Quentin is the result of a scheme by Older to discredit Hoyle because he would not give special privileges to Abraham Ruef.

Older is certainly going the limit in trying to free Ruef. And he is using methods that are anything but fair and right. To begin with he was unfair in his methods even in the graft prosecutions and what convictions were secured were secured in spite of Older rather than with his aid and support except that he gave publicity in the Bulletin to a side of a question that might otherwise have been suppressed in the news.

Now he is flooding the Bulletin with a lot of maudlin slush about prisoners and the brutality of prison punishment that in the main obscures the really commendable points that may be made in support of prison reform.

The other day he came out with an open letter to Judge Lawler that read more like the utterance of an imbecile than the statement of a sane man. In it he told the Judge that Christ forgives Older. Perhaps he does. Perhaps he needs it. In any event that is no reason why Abe Ruef should be pardoned any more than any other person who was convicted of a similar crime.

The only plea that has the semblance of reason in the case, Older does not make. And that is that those who were equally guilty with him in the bribery cases remain unpunished. So far as Hoyle is concerned his statement that those who wish to attack him are proceeding by indirect means seems to be borne out by developments.

J. Pierpont Morgan has passed to the Great Beyond and the world moves on just the same. The statement by his doctor that the investigations of the Pujo Committee hastened his death has little or no foundation of fact. If it did it was his own fault for if his acts were fair and proper he need not fear publicity. Morgan belonged to the Aristocracy of Money and represented the power and exclusiveness of wealth. He was the antithesis of Lincoln. He was perhaps a good man in his way, but his way was not the way of democracy. He perhaps thought he was divinely chosen to rule in finance. He was an autocrat in his own realm.

The great financial machine that he built up is probably more a menace to free institutions than a benefit. Certain it is that it is a power within the state that is oftentimes more powerful than the government itself and the men who direct it are in no way directly amenable to the people.

The collection of art and antiquities by Morgan will be a distinct addition to the new world. He collected treasures from the entire world. His great wealth was not expended in the erection of libraries like Carnegie but was invested in the rare products of the old masters. Estimates of the good or evil effects of the life of such a man will differ with the individual. He represented the autocrat in the financial world and such a figure will always be at variance with a democracy.

The Two Latest Additions To San Francisco's Theatre Buildings, The New Tivoli And G. M. Anderson Theatre.

Tivoli Theatre.

The new Tivoli Opera House is a model of convenience and arrangement, embodying as it does many features new to San Francisco theatre patrons. The interior is treated in the Spanish Renaissance with walls decorated with mural paintings. The ceiling is divided into panels by deep beams, which support a glass filled lattice work over which is a false ceiling designed to reflect the electric rays through the glass lattice and thus spread a soft light throughout the auditorium. Ample exits are provided. The stage is the largest in the city and will give splendid accommodation for large productions. In connection with the orchestra is a pipe organ located on either side of the proscenium, but concealed from view.

Entrance to the theatre is gained through a wide vestibule opening direct from Eddy street, and is decorated with California marble and mural paintings. This leads to the auditorium floor proper and also to the loges boxes and balcony by means of an incline, affording easy access to the upper part of the house.

Just above the auditorium is the lodge balcony, which is given up entirely to boxes, having a seating capacity of from eight to ten people each with retiring room and a broad promenade in the rear of them. Above the balcony is the main balcony and, like the main floor, has an unobstructed view of the stage. Still higher, as if to commemorate the days of the Old Tivoli Theatre, the management has provided a promenade gallery, a place that was dear to the Old Theatre goers, where formality was a stranger, and one gave himself over to the complete enjoyment of the opera.

This building has been completed in record breaking time, one hundred working days in all. This would have been impossible in any other city. The reason of completion on time is the result of perfect labor conditions in San Francisco.

Anderson's Theatre.

O'Brien & Werner have been commissioned by G. M. Anderson to prepare plans and specifications for his new theatre to be constructed in O'Farrell street between Powell and Stockton, on the site of the old Alcazar theatre. This theatre will be one of the finest and costliest in San Francisco. Both the exterior and interior will be treated in the Spanish Renaissance, with the walls of the interior decorated with mural paintings.

The light will be of indirect type, thus giving a soft effect throughout. Ample exits are provided, eight from the auditorium and eight from the balcony. On the mezzanine floor will be located the offices of the management and a large promenade foyer.

Entrance to the theatre will be through a wide vestibule finished in beautiful California marble.

The seating capacity will be 1,600. The stage will be one of the largest in the city, with the proscenium opening 30 by 38 feet. The dressing rooms will be located on either side of the stage and will be well lighted and ventilated and fitted with the latest modern conveniences. The basement will be arranged for a cafe.

Thomas O'Day will be Mr. Anderson's personal representative for the construction of the theatre. The cost of building and ground will be about \$550,000.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 9 story and base. Class A construction, \$250,000. Architects, Ross & Burgen, 310 California St., S. F. Owners represented by Harrigan-Weidemuller Co. A large site has been purchased, fronting 87½ feet on Broadway and extending back 137½ feet. The lot is just east of Fillmore street and is held by the Man Estate. A lease has been secured through the offices of Harrigan-Weidemuller Company, for the purpose of erecting thereon a nine-story Class A apartment building to be financed under the New York co-operative system. These agents report meeting with great encouragement in this enterprise, and to date have a number of applications from some of the most prominent families for apartments in the building. The lot was

selected owing to the grand panoramic marine view it commands, its accessibility and its excellent environment. The building will contain sixteen apartment suites of ten rooms, two suites to each floor, with fast running passenger and service elevators, opening into private halls. The interior is to be finished entirely in hardwood with oak floors. The plumbing and steam heating are to be of the best and latest, and all bath rooms and kitchens are to be tiled throughout. Refrigerating and vacuum cleaning plants will be installed and large private safes will be in each apartment and jewel safes in each chamber. A large assembly room, suitable for dances, etc., will be an additional feature.

SAN FRANCISCO—Apartment house, 3 story and base, frame \$12,000. Architect, C. M. Cook, Riata Bldg., S. F.

Owner Mrs. Ida M. Bender. The building is to be erected at the southwest corner of Broderick and O'Farrell streets, and has a frontage on one street of 35 feet and of 75 feet on the other. The interior has been arranged for twelve apartments of three and four rooms each with private bath. Wall beds are to be used. There will be a central heating system. Interior finish will be of pine and elm panels. Some hardwood floors are specified. A hot water system will be installed. The exterior of the building will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 5 story and base, brick and steel. Cost not stated. Architects, A. F. and C. M. Rousseau, Monadnock Bldg., S. F. Owner H. C. Newhall. The building will be erected at the northeast corner of Washington and Leavenworth streets and will cover a considerable ground area. There will be a complete steel frame with reinforced brick walls, faced with pressed brick. The building has been designed for a residential apartment flats, each apartment containing five rooms and bath. Each apartment will be finished in pine, hardwood panels and will have hardwood floors. There will be built in buffets and open fire places. Plans provide for steam heat, elevator service, a hot water system and all other modern conveniences. Servants' rooms will be located in the basement. There will also be a large billiard room, wine room and social hall. A garage will be erected at one end of the lot containing room for three machines. H. C. Newhall is the owner of the property and he has spared no expense in making the building one of the finest residential apartments in the city.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Brownlee. A general contract for this building has been awarded to M. Marcusen, Royal Insurance Bldg., and he is now taking figures for a number of the special parts of the work. Firms interested in tile, both floor and wall, beds, ornamental iron, painting and electric work should see Mr. Marcusen.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$16,000. Architect, none. Owner, J. V. Campbell, 1040 Bryant St., S. F. The dwelling is to be erected on the south side of California street, east of Hyde, and will be 28x118 feet. Interior has been arranged to contain 18 apartments of two and three rooms each. There will be private bath rooms and wall beds. Interior will be finished in pine and some hardwood. Oak floors will be used in the principal rooms. A central heating system and hot water plant will be installed. The exterior of the building will be covered with rustic, shiplap and tapestry brick veneer. Plans are complete and the work will be done by Day Labor. The owner is now in the market for all of the various materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$20,000. Architect, J. Cather Newman, 1424 Broadway, Oakland. Owner, George T. Dunlap. The building will be erected on 1st avenue and 16th street. The work will include moving the present building to the rear of the lot and completely altering the same. Front por-

tion of the lot will be covered by the new structure. Apartments will be arranged in suites of two and three rooms each. All apartments will have connecting baths and wall beds. Interior will be finished in pine. Some hardwood floors will be used. Bath rooms will have the wainscot. There will be a central heating system and hot water supply. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the architect is taking subfigures on all parts of the work.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, W. G. Hinds, 46 Kearny St., S. F. Owner, J. Dening. The building is to be erected on Hyde street between Vallejo and Green streets, and will have a street frontage of 25 feet and a depth of 87½ feet. Floor plans have been arranged for five apartments of three rooms and bath each. Interior will be finished in pine with some elm panels and hardwood floors. There will be gas radiators. The will be used in the baths. All suites will be equipped with wall beds. Entrance vestibule will be finished in marble. The exterior of the building will be covered with shingles. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, W. G. Hinds, 46 Kearny St., S. F. Owner, Mrs. Picard. The house will be erected on the east side of Taylor street between Pacific and Broadway. Interior will be arranged to contain six apartments of four rooms and bath. All suites will have wall beds. The interior will be finished in pine and elm with hardwood floors in the principal rooms. Gas radiators will be installed. The entrance vestibule will be finished in marble and tile. Tile will also be used in the bath rooms. The exterior of the building will be covered with brick veneer. Plans are just started for this work. Bids will be called for on the various parts of the work within a month.

STOCKTON, SAN JOAQUIN CO., CAL.—Apartment house alteration and addition, \$3,000. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mrs. Blanchard. A frame building which now occupies the site will be raised and an addition of considerable size will be added. Interior finish will be of pine and some hardwood with oak floors in the principal rooms. Suites will consist of two and three rooms. All apartments will have wall beds and private bath rooms. Open fire places and brick mantels are specified. The work will include new plumbing, painting and mill work. The exterior of the building will be covered with rustic. Plans are being prepared.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick and frame, \$40,000. Architect, A. Burnside Sturges, Story Bldg., L. A. Owner, Dalkas M. Cate. The building has been designed in the shape of a letter U and will cover an area of 125x96 feet. Interior has been arranged for 105 rooms which are to be divided into two, three and four room apartments. All suites will have connecting baths and wall beds. A central heating system, hot water supply, vacuum cleaning and elevators will be installed. Interior finish will be of pine. The exterior of the build-

ing will be covered with veneer brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$40,000. Architect, A. W. Riewe, California Bldg., L. A. Owner, A. S. O'Neil. The building will be 50x132 feet and will contain 75 rooms which are to be arranged in two and three room suites with wall beds and private baths. Interior will be finished in pine and some hardwood. Bath floors will be of cement. There will be steam heat, automatic elevator and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick, \$70,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Sidney Goldman. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$70,000.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, E. J. Borgmeyer, Stinson Bldg., L. A. Owner, Julius P. Smith. Contractor, C. S. Blodgett, 336 North Burlington Ave., L. A. Contract price not stated.

BANKS.

OKADALE, STANISLAUS CO., CAL.—Bank, 2 story and base, brick and steel, \$12,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Commercial Bank. The building will be erected on one of the principal business corners in Okadale and will cover an area of 25x78 feet. The first floor is to be fitted for the exclusive use of the bank and will be finished in hardwood and tile. There will be coin and safety deposit vaults. Considerable ornamental iron and bronze will be used. The upper floor will be arranged for a number of modern offices. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

ROSEBURG, ORE.—Bank, 2 story and base, reinforced concrete, \$25,000. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, First Trust and Savings Bank. This work has been mentioned here before. Plans are complete and were put out for figures on April 7th. Bids are being taken by the architect. Vaults and bank fixtures are not included in the general contract.

BRIDGES, DAMS AND HARBOR WORK.

COLMA, SAN MATEO CO., CAL.—Culverts and walls, iron and concrete. Engineer, County Surveyor, James V. Neuman, Redwood City. Owners, San Mateo County. Plans are complete and figures will be opened on April 21st by the Board of Supervisors for the construction of culverts and walls over San Bruno avenue at Colma. The work includes corrugated iron pipe and concrete end walls. Plans and specifications can be secured from Engineer Neuman, Redwood City.

SAN FRANCISCO—Bridge, steel bascule type. Cost not stated. Engineer, Engineering Dept. Atchison, Topeka

and Santa Fe R. R. Co., S. F. Owners, Atchison, Topeka and Santa Fe. Co. The Board of Public Works have approved plans and specifications for a new bascule bridge which is to be erected by the Atchison, Topeka and Santa Fe Company over Islals Creek at Kentucky street. With the construction of this bridge 1500 additional feet of dockage will be opened up along Islals Creek Channel. Bids will be called for shortly. Working drawings are now being made.

NEWBERG, ORE.—Bridge, steel and concrete, \$85,000. Engineer, County Surveyor Marlon County, Newberg. Owners, Marlon and Yemhill Counties. Plans for the construction of a steel span bridge 735 feet in length with two approaches 1,150 feet in length have been approved. Bids for the construction will be called for at once. The structure is to be 90 feet above low water. Full particulars can be secured from the County Surveyor of either county.

PORTLAND, ORE.—Bridge, steel and concrete, \$1,700,000. Engineers, Waddell & Harrington, Portland. Owners, Multnomah and Clarke Counties. Waddell & Harrington, engineers, submitted estimates as to the probable cost of a bridge across the Columbia River, to the joint interstate bridge committee of Multnomah and Clarke Counties, at the Commercial Club Wednesday. They figured that the bridge proper could be built for \$1,200,000 and that \$1,700,000 would pay the cost including the long approach over the sloughs on the Oregon side. The estimates contemplate a lift span rather than a swing draw, and it was stated that this type was favored by the Government engineers. The figure included all construction, including carlines, electric lights and other features.

CHURCHES

SAN FRANCISCO—Church, 2 story and base, brick and steel, \$50,000. Architects, Shea & Lofquist, Bank of Italy Bldg., S. F. Owners, St. Patrick's Parish. The present building on Mission street, between Third and Fourth streets, was reconstructed after the fire and has been made to do until the present time. Plans for the complete rehabilitation of the edifice have been prepared and money is to be raised at once for the construction. There will be a large amount of structural steel used. Interior will be finished in pine and ornamental plaster. The exterior will be faced with brick. Plans are being prepared and work will be started within a few months. Father Rodgers is in charge of the building.

FLATS.

SAN FRANCISCO—Flats, 2 story, attic and base, frame, \$14,000. Architect, Albert Schroepfer, Foxcroft Bldg., S. F. Owner, Henry Eisenberg. The building will be erected on Pacific street west of Fillmore, and has been designed for residential flats. Each of the flats will consist of five or six rooms and bath. Interior finish will be of pine, redwood and hardwood with oak floors in the principal rooms. There will be a central heating system. Tile will be used in the baths and kitchen. There will be some marble and tile used in the entrance vestibules. Exterior of the building will be cov-

ered with tapestry brick veneer and shiplap. Plans are complete and figures are being taken by the architect.

OAKLAND, CAL.—Flats, alteration and addition, frame construction, \$3,000. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, P. E. Lint. The work will consist of raising the present two-story frame dwelling and adding another story underneath. Floor plans provide for a number of three and four room apartments with baths. Interior finish will be of pine and some hardwood. Oak floors will be used in the principal rooms. There will be gas grates and brick mantels. Wall beds are specified. The exterior of the building will be covered with rustic. Plans are complete and figures are being taken for the work.

FACTORIES & WAREHOUSES.

Contracts Awarded.

LOS ANGELES, CAL.—Warehouse, 3 story and base. Class A construction, \$100,000. Architects, Hudson & Munsell, Stinson Bldg., L. A. Owners, John A. Roebbing Sons Co. Contractors, Alta Planing Mill, 830 McGarry St., L. A., general construction, \$60,000; Baker Iron Works, structural steel, \$38,500; Thomas H. Hogan, plumbing, \$1,500; Southern California Electric Co., electric work, \$1,504.

LOS ANGELES, CAL.—Factory addition, 2 story and base, brick. Cost not stated. Architect, J. E. Kunst, Higgins Bldg., L. A. Owners, Buffalo Baking Co. Contractor, J. M. Connors, Builders' Exchange, L. A. Contract price not stated.

FIRE HOUSES.

SAN FRANCISCO — Fire house, 2 story and base, brick and steel, \$55,000. Architect, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show Commary-Peterson low men at \$33,262, and they will probably be awarded the contract. Eight figures in all were submitted. A complete list of these figures can be found under the reading of San Francisco in this issue.

GARAGES.

LOS ANGELES, CAL.—Garage, 2 story and base. Class A construction. Cost not stated. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, Charles E. Anthony. The building will cover an area of 50x165 feet and is to be designed for a commercial garage. The front portion of the first floor will be arranged for offices and will be handsomely finished. The balance of the building will be given over to storage space and machine shops. Reinforced concrete construction will be used throughout. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are ready for figures.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, R. D. King and Edward C. Taylor, Consolidated Realty Bldg., L. A. Owner, Mark G. Jones. The building is being designed for a commercial garage. There will be a concrete floor, metal window frames and sash

and special gasoline storage tanks. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 2 story and base, brick, \$12,000. Architect, A. W. Riewe, California Bldg., L. A. Owners, P. V. St. Clair and A. E. Gordon. The building will be 45x145 feet and is to be used for storage purposes only. Interior finish will be of pine. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are being prepared.

SEATTLE, WASH.—Garage, 1 story and base, brick and concrete, \$30,000. Architect, V. W. Voorhees, Ellet Bldg., Seattle. Owner, L. W. Roe, Roe Apts., Seattle. This building will cover an area of 121x118 feet and has been fully described in these columns before. The owner has determined to construct the building by Day Labor and is now purchasing all materials.

Contracts Awarded.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, C. E. Bergin. Contractors, Davidson Construction Co., 16th and Tennessee Sts., L. A. Contract price not stated.

GOVERNMENT WORK AND SUPPLIES.

Canal Requisitions

The Isthmian Canal Commission has received requisitions for furnishing the following supplies and material:

320 louver panels to be made of No. 20 gauge sheet copper for Cristobal terminal docks, each to be 3 feet 6 inches wide, 2 feet 7 inches high by 4½ inches thick.

One lot of 10 induction motors, slip ring type, with polar-wound motors; for use on 220-volt, 3-phase, 25-cycle circuits.

One lot of 16 slip-ring polar-wound motors, 220-volt, 3-phase, 25-cycle, fully enclosed, induction motors for use on overhead traveling crane.

One lot of 13 220-volt, direct-current adjustable speed motors, having the rated horsepower; speed range not to exceed the maximum speed given in accompanying specifications. These motors are for driving the machine tools indicated in drawings and are to be of the design, type, and construction most suitable for the purpose.

One lot of 10 220-volt, direct-current adjustable speed motors, having the rated horsepower, speed range, and not to exceed the maximum speed given in accompanying table. These motors are for driving the lathes in accompanying table and are to be of the design, type, and construction most suitable for the purpose.

178 hard rubber valves.

534 medium rubber valves.

186 soft rubber valves.

Garbage Crematory, Monterey, Cal.

The bid of Charles F. Walther, 714 Fulton Building, Pittsburgh, Pa., \$1,590 in amount, has been accepted for the construction of a garbage crematory at the Presidio of Monterey, Cal.

Canal Circular 769.

The Isthmian Canal Commission will open bids April 15, 1913, under circular

769 for furnishing the following material and supplies:

Class 1. 56 induction motors, 43 auto starters, and 3 automatic oil switches.

Class 2. 40,000 feet single conductor copper wire.

Class 3. 1,350 standard bearings.

Class 4. 5,000 brake-rod connection pins and 4,000 steel or malleable iron keys.

Class 5. 1,000 malleable iron brake-shoe bolts.

Class 6. 1,400,000 pounds low phosphorus pig iron.

Class 7. 4,000 pounds aluminum paint.

Class 8. 20,000 pounds ferrosilicon.

Class 9. 10,000 pounds ferromanganese.

Class 10. Yellow pine or Douglas fir as follows: 200,000 feet B. M. flooring, 200,000 feet B. M. ceiling, 90,000 feet B. M. siding, 25,000 feet B. M. 1x3 inch, 12 to 24 feet, S. 4 S. and 10,000 feet B. M. 4x4 inch, 22 feet S. 4 S.

Class 11. 300 pieces yellow pine or Douglas fir rough lumber.

Arapaho Indian School.

The contract for the construction of a frame day school building at the Arapaho Indian Day School, Shoshone reservation, Wyo., has been awarded to W. J. Wilseck, of Cheyenne, Wyo., at \$2,200. The bids for the above were opened March 15.

Pearl Harbor, H. T., Locomotives.

The contract for furnishing 4 switching locomotives for delivery at the naval station, Pearl Harbor, H. T., bids for which were opened March 1, have been awarded to the Vulcan Iron Works, Wilkesbarre, Pa., at a total price of \$23,800.

Pearl Harbor, Generator Set, Etc.

The following bids were received by the chief of bureau of yards and docks, Navy Department, Washington, D. C., for furnishing one 200-kilowatt motor generator set and switchboard accessories at the U. S. naval station, Pearl Harbor, H. T.:

Item 1, motor generator set and switchboard accessories, complete; 2, do on bidder's specifications.

General Electric Co., Schenectady, N. Y., item 1, \$6,249.

Ridgway Dynamo and Engine Co., Washington, D. C., item 1, \$6,325 for General Electric Co.'s switchboard, \$6,495 for Westinghouse; item 2, \$6,275 for General Electric Company's switchboard and \$6,445 for Westinghouse.

Westinghouse Electric and Mfg. Co., Hibbs Bldg., Washington, D. C., item 1, \$6,604; 200 days.

Coeur d'Alene Indian School.

The following bids were opened at the office of the commissioner of Indian Affairs, Washington, D. C., for the erection of seven frame cottages, warehouse, office, pump house, guard house, and installing water and sewer system at the Coeur d'Alene Indian Agency, Idaho:

Shulind & Co., Alexandria, Minn., \$27,474.

Critter & Young, Lawrence, Kans., office, \$5,063; frame quarters No. 85, \$1,160; guardhouse, \$1,753; warehouse, \$783; police quarters, \$2,069; pump house, water and sewer system, \$5,765; quarters No. 96, \$6,807; quarters No. 86, \$11,780.

J. L. Murphy & Sons, Tacoma, Wash., \$33,189.

J. M. Merrilees & Co., Berkeley, Cal.,

Two frame quarters, \$5,950; three frame quarters, \$11,850.

Joseph Mersch, Everett, Wash., quarters No. 96, \$6,768; police quarters, \$2,590; warehouse, \$900; pump house, water and sewer system, \$5,296; guard house, \$1,900; office, \$5,870; quarters No. 85, \$5,599.

R. D. Shinn, Spokane, Wash., warehouse, \$923; police quarters, \$2,237; quarters No. 96, \$6,290; quarters No. 86, \$11,580; superintendent's residence, \$5,685; guardhouse, \$2,230; pump house sewer and water system, \$7,738.

P. K. Eddy, Four Lakes Wash., quarters No. 86, \$2,764; quarters No. 96, \$3,094; police quarters, \$1,940; warehouse, \$580; quarters No. 85, \$4,205; quarters No. 14, \$4,482.

W. D. Lovell, Minneapolis, Minn., \$33,000.

Chris Irving Plumbing and Heating Co., Denver, Colo., this firm bids on the plumbing for the various quarters only, police quarters, \$196; quarters No. 85, \$399; heating, \$463; water and sewer systems, \$4,743; guardhouse, \$350; quarters No. 96, \$950; quarters No. 85, \$1,494; quarters No. 85, \$1,089; quarters No. 14, \$492; office, \$238.

Colonial Building Co., Spokane, Wash., three frame quarters, \$10,805; guardhouse, \$2,026.20; two frame quarters, \$5,677.10; warehouse, \$850; frame quarters No. 85, \$4,237.15; office, \$4,598.25; pump house, water and sewer systems, \$5,369.63.

B. W. Young, Spokane, Wash., \$32,220.

Handy & Bate, Denver, Colo., warehouse, \$922; guardhouse, \$1,963; pump house, water and sewer system, \$6,173; police quarters \$2,180; office, \$5,327; quarters No. 96, \$6,988; quarters No. 85, \$4,815; quarters No. 86, \$12,884; all, \$41,252.

M. J. Hursen Co. Seattle, Wash., \$42,000.

William Bruce, San Francisco, Cal., warehouse, \$1,415; guardhouse, \$2,330; pump house, water and sewer systems, \$8,535; office, \$6,955; police quarters, \$2,810; three frame quarters, \$10,535; two frame quarters, \$5,915; one frame quarters, \$5,517.

J. B. Sweatt & Co., Spokane, Wash., three frame quarters, \$10,695.21; office, \$4,007.20; warehouse, \$692.72; pump house, water and sewer systems, \$7,736.32; two frame quarters, \$6,638.24; guardhouse, \$1,581.16; police quarters, \$2,746.76; frame quarters No. 85, \$4,419.70.

Prospective Bidders.

The following firms have applied for plans and specifications for work at the Navy Training Station, Pearl Harbor, which consists of the construction of a \$665,000 hospital. Bids will be opened May 10th:

Ed O. Hamilton, 24th and Farnam streets, Omaha, Neb.

Connors Bros. Co., Lowell, Mass.

W. N. Concannon Co., Monadnock Building, San Francisco, Cal.

Crane Co., Washington, D. C.

HOSPITALS.

SEATTLE, WASH.—Hospital, 5 story and base, reinforced concrete, \$500,000. Architect, P. A. Baillargeon, New York Bldg., Seattle. Owners, St. Joseph's Hospital, Contractor, P. A. Baillargeon, New York Bldg., Seattle. Contract price, \$500,000. Plans for this work are complete but construction will not be started until June.

Contracts Awarded.

LOS ANGELES, CAL.—Hospital, 3 story and base, reinforced concrete, \$15,000. Architect, Frank L. Suh, Grosse Bldg., L. A. Owners, Westlake Hospital Association. Contractor, Weymouth Crowell, Story Bldg., L. A., general construction, \$35,200; Thomas Haverly Co., 517 So. Los Angeles St., L. A., plumbing and heating, \$7,860.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$10,000. Architect, none. Owner, G. Passio, 868 Vallejo St., S. F. The building is to be erected on Lombard street west of Baker, and will be arranged for stores on the first floor and a number of hotel rooms on the upper floors. Interior will be finished in pine and redwood. There will be a hot water system but no heat. The exterior will be covered with rustic. Patent store fronts are specified. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Hotel, 8 or 9 story and base, brick and steel, \$250,000. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, Lachman Estate. A lease will shortly be made on a building which is to be erected by the Lachman Estate at the corner of Mason and Sutter streets. The property has three frontages and covers a large area. The proposed building will be seven or eight stories high and of Class A construction. A preliminary estimate places the construction at about \$200,000. Cunningham & Politeo, First National Bank Bldg., will probably be commissioned to prepare plans and specifications. Further details will be given in these columns later.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete. Cost not stated. Architects, A. F. and C. M. Rousseau, Monadnock Bldg., S. F. Owner, Florentina Wankowski. The building is to be erected on the north line of Geary street west of Jones. There will be a store and the hotel lobby and offices on the first floor and a large number of single rooms on the upper floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Many of the rooms will have connecting baths. Interior finish will be of pine and hardwood. Some ornamental plaster will be used in the lobby. Marble and tile are to be used in the entrance. A hot water plant will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and a contract will be awarded at once.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, William Knowles, Hearst Bldg., S. F. Owners, Hind Estate. The building is to be erected on the southeast corner of 5th and Minna streets, the lot having a frontage of 80 feet on 5th street and 147 feet 10 inches on Minna. The entire building has been leased for a term of ten years to N. V. Doran and A. E. Baldwin through the offices of Kern-Nellian Co. Plans provide for five stories on the first floor besides a large and attractive office and lobby. Upper floors will contain about 180 rooms besides a number of baths and toilets. There will be steam heat, elevator service, a hot water system and vacuum cleaning. Interior

will be finished in pine and some hardwood. Tile and marble will be used in the lobby and entrance. The exterior of the building will probably be faced with pressed brick. Plans are complete and figures are to be taken shortly.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichl. The building will cover an area of 50x150 feet, and will be arranged for stores on the first floor, upper floors will contain about 65 guest rooms and a number of baths. Interior finish will be of pine and some hardwood. There will be steam heat and elevator service and a hot water system. The exterior will be faced with pressed brick. Plans are complete and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, none. Owner, T. J. Douglass, Jr., Grant Bldg., L. A. The building will cover an area of 50x100 feet, and is to be arranged with stores and the hotel lobby on the first floor. Upper floors will contain a number of baths besides the guest rooms. Plans include steam heat, elevator service and a hot water supply system. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

PORTLAND, ORE.—Hotel, 4 story and base, brick, \$35,000. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owner, W. W. Margulls. The building will be arranged for stores and the hotel lobby on the first floor and about 75 guest rooms and a number of baths on the upper floors. Interior finish will be of pine. Plans include steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

PORTLAND, ORE.—Hotel and resort, 3 story frame construction, \$100,000. Architect, Aaron Gould, Worcester Bldg., Portland. Owner's name withheld. Contractors, Langford & Sons, Portland. Contract price, \$100,000. Note: The building will cover practically a city block, fronting on three streets and an alley. Plans have not been completed, but a contract has been awarded on the percentage basis. Construction will be started as soon as plans are complete.

OCEAN PARK, LOS ANGELES CO., CAL.—Hotel, 4 story and base, brick. Cost not stated. Architect, W. S. Garrett, Currier Bldg., L. A. Owners, Messrs. Edward and John Newell, Contractor, E. P. Chapman, 724 Maple Ave., L. A. Note: This contract has been awarded on the percentage basis.

LIBRARIES.

GLENDALE, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, \$12,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. Plans for a Carnegie Library have just been approved. The building will cover an area of 36x70 feet and will contain general and children's reading rooms, librarian's office, reference room and lobby. There will be a central heating system. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SEATTLE, WASH.—Libraries, 2, 2 story, and base, concrete and brick, \$35,000 each. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, City of Seattle. Plans for both of these buildings, which have been designed for branch city libraries, will be completed shortly and bids will be called. Both buildings will be fire-proof throughout. Exteriors will be faced with cement plaster. Interior finish will be of pine and hardwood. There will be central heating systems.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Fire houses, 3, 1 story, frame. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of three fire houses which are to be erected on the Exposition grounds at Harbor View have been completed and are now out for figures. Bids will close on April 22nd. Plans can be secured from the Director of Works. Official proposal appears in another column of this issue.

SAN FRANCISCO—Exposition building, 2 story, frame, \$220,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened for the construction of the Pure Foods Building and show Neil A. McLean low on the general construction at \$219,000. John G. Sutton low on the plumbing at \$16,350. A complete list of all figures received appears under San Francisco in this issue.

Contracts Awarded.

SAN FRANCISCO—Pile foundations. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Pile foundation for Agriculture Building awarded to Mercer-Frazer Co. at 24¢ cents per lineal foot and the contract for the pile foundation for the Manufactures Building was awarded to the Contra Costa Construction Co. at 25 cents per lineal foot.

FINANCIAL STATEMENT.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION COMPANY.

Receipts and Expenditures from beginning of operations to close of business on February 28th, 1913.

RECEIPTS:

Subscribers	\$2,833,755.30
State of California.....	288,674.75
City and County of S. F. .	533,599.00
Concessions	49,342.82
Interest and Discount..	41,504.46
Salvage	4,650.42
Miscellaneous Donations	11,128.03

Total Receipts\$3,762,954.78

EXPENDITURES:

Preliminary expense to June	\$30,642.70
March, April, May and Cost, securing site, leases, rentals.....	675,811.75
Buildings and grounds.	825,464.84
Administration	100,365.59
Exploitation	185,271.13
Exhibits	58,129.09
Concessions & admissions	10,521.63
Reception	13,420.46

Traffic & Terminals....	\$13.38
Protection	477.15
Furniture & Equipment	24,979.08
Unclassified & unassigned	6,061.03

Total expenditures...\$2,584,372.76

Unexpended balance,

Feb. 28th, '13.....\$1,178,582.02

SUBSCRIPTION STATEMENT.

Total signed subscription \$6,167,330.00

Amount payable before

July 1st, 1913.....\$3,664,398.00

Paid to Feb. 28th, 1913...2,833,755.30

Sept. 30, 1911.....\$ 377,515.01

Amount to be collected in Real Estate Purchased. 304,974.67

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Railroad construction. Cost not stated. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and approved for the completion of the Geary Street Municipal Road from 33rd avenue west to the ocean. The line will traverse 33rd avenue, Balboa street, 42nd and 45 avenues to the Great Highway. Bids have been called for by the Board of Public Works and will be opened on April 16th. Complete plans and specifications can be secured from the City Department of Engineering.

LOS ANGELES, CAL.—Car barns, 1 story and base, concrete and brick. Cost not stated. Architect, M. C. Halsey, Pacific Electric Bldg., L. A. Owners, Pacific Electric Railway Co. The building, which will cover an area of 10x256 feet, will be erected in three sections, each 67x256 feet. There will be concrete floor and work pits, steel roof trusses and asbestos roof. The exterior of the building will be faced with cement plaster or stock brick. Plans are being prepared.

Contracts Awarded.

SAN FRANCISCO—Track specials. cost not stated. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. The following awards have been made by the State Board of Harbor Commissioners under bids opened Thursday, April 3, 1913:

Switch stands to United States Steel,	\$287.50.
Brace tie plates to United States Steel,	\$2,255.
5x11 tie plates to Pennsylvania Steel,	\$3,630.
6x9 tie plates, 7-16 size, Eccles & Smith,	\$4,350.
Compromise joints, award reset for meeting of April 10th.	
65 T rails and splices, United States Steel,	\$21,842.50.
Guard rails, Pennsylvania Steel,	\$67,000, subject to terms of bid.
Roll joints, H. B. Green,	\$5.65 each.
T rail frogs, Pennsylvania Steel,	\$3,474.75.
Switches, United States Steel,	\$862.50.
Guard rail, United States Steel.	\$675.50.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner Mrs. Wilhelmina Taylor. The dwelling is to be erected on a beautiful lot at the corner of 18th ave-

nue and Revere street. Floor plan provides for eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,600. Architect, none. Owner, Frank Pegel, 366 10th Ave. S. F. The house will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath, shingles and brick veneer. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, C. Howe, 110 Ord St. S. F. The house will be arranged for seven rooms and bath. All interior finish will be of pine with hardwood floors in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath and kitchen. An automatic water heater will be installed. Some elm panels will be used in the dining room and reception hall. The exterior of the house will be covered with rustic and shiplap with a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 1½ story and base, frame, \$3,000. Architect, none. Owner, Andrew Lyon, 182 Liberty St. S. F. The dwelling is to be erected on Carmel street near Cole, and will contain seven rooms and bath. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and furnace heat. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are complete and the work is to be done by Day Labor. Owner is now in the market for all kinds of material.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,700. Architect, one. Owner, Nils N. Hagan, 377 Cumberland St. S. F. The dwelling has been designed for a six-room house with bath. All interior finish will be of pine or redwood. There will be an open fire place in the living room with a brick mantel. Floors in the principal rooms will be finished in hardwood. Tile will be used in the bath and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 1 and 2 story and base, frame, \$8,000. Architect, Theo. W. Lenzen, Humboldt Bank Bldg., S. F. Owner Dr. Emil Herwig. The house has been designed for a combination residence and private bath treatment sanitarium. The one-story

portion will be used for a sun room. Interior will be finished in pine, hardwoods and considerable tile. There will be a special heating system and open fire places. Mantels will be of brick. There will be hardwood floors. Baths will be finished in tile and will have cement floors. The exterior of the dwelling will be covered with shiplap and rustic. The architect is taking figures on the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Al. J. Mazurette 1522 Broadway, Oakland. Owner, Roger Coit, 1522 Broadway. The dwelling will be similar to a great many other houses recently erected by Mr. Coit, and is to be erected on Grand avenue. The house will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels in the dining and living rooms. There will be hardwood floors in the principal rooms. Furnace heat and open fire places will be used. Mantel will be of brick. Tile will be used in the bath and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner H. S. Butler, 63rd and Shattuck Ave., Oakland. The dwelling will be arranged for seven rooms, bath and sleeping porch. Interior will be finished in pine and some hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architects, Milwain Bros. Delger Bldg., Oakland. Owner, A. B. Stephens. The dwelling has been mentioned in these columns before when plans were first prepared. The house has been designed to contain eight rooms, baths and sleeping porch. A garage will be erected in the rear. Interior finish will be of pine and hardwood with hardwood floors throughout. Two baths will be finished in tile. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$2,000. Architect, Al. J. Mazurette 1522 Broadway, Oakland. Owner, Peter Lindblad. The house will contain seven rooms and bath. Interior will be finished in pine and elm with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick. There will be tile wainscot in the bath and kitchen. Exterior will be finished with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Charles J. Rogers 24 California St., S. F. Owner, D. A. O'Brien. The house

has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Furnace heat and open fire places will be installed. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater is specified. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,300. Architect, none. Owners, United Home Builders 1762 Broadway, Oakland. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living and dining rooms and reception hall. There will be tile wainscot in the bath room. Furnace heat and open fire places are to be used. Mantels will be of brick. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,950. Architect, none. Owner H. N. Turrell, 456 Jean St., Oakland. The dwelling will contain six rooms bath and sleeping porch. Interior finish will be largely of hardwood. Oak floors will be used throughout, except in the bath rooms which will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the kitchen. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, R. H. Madden. The dwelling is to be erected in Berkeley Square Park and will contain seven rooms and bath. Interior finish will be of pine and some oak veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BERKELEY, ALAMEDA CO., CAL.—Bungalows, 5, 1 and 1½ story and base, frame, \$2,500 each. Architect, none. Owners F. R. Peake Co., 2127 University Ave., Berkeley. These houses will be erected in the Grove M. Berryman Tract and each is arranged for six rooms and bath. Interior finish will be entirely of pine with some oak floors. There will be large open fire places in the living rooms and attractive tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. They are now in the market for various materials.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame

\$2,000. Architect, none. Owners, F. R. Peake Co., 2127 University Ave., Berkeley. The house will contain eight rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,900. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, E. Greenhood. The dwelling has been mentioned in the columns before when plans were first prepared. The dwelling will contain in the neighborhood of eight rooms, sleeping porch and baths. Interior will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. There will be an automatic water heater installed. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

MODESTO, STANISLAUS CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, G. C. Nelson. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior will be finished in pine with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will also be used in the bath room and kitchen. The exterior of the dwelling will be covered with pressed brick veneer, rustic and cedar shakes. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 3 story and base, frame, \$11,000. Architects, Newsom, Dixon & Meeker, 812 Broadway, Oakland. Owner, Mrs. Henshaw. The dwelling is to be erected in Walla Vista and is unique in its design. Interior will be arranged for nine or ten rooms, including several baths, sleeping porch and laundry. Interior finish will be of pine and hardwoods with oak floors in the main living room, dining room and reception hall. There will be steam heat and open fire places. Mantels will be of tile. Tile will also be used in the bath rooms and kitchen. An automatic water heater and vacuum cleaning system are to be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. Carrigan. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling is to be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architects. All materials

are now being purchased.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, M. B. Conley. The house will be erected on Hillside avenue, and has been designed to contain seven rooms, bath and sleeping porch. All interior finish will be of pine or elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken for various parts of the work. The dwelling will be erected by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, none. Owner, Louis Johnson, 1732 Ward St., Berkeley. The house has been designed for a seven-room dwelling with all modern conveniences. Interior will be finished in pine with hardwood floors and some hardwood wainscot. Bath room will have tile wainscot and some tile will be used in the kitchen. There will be furnace heat and open fire places. Mantels will be of brick or tile. The exterior of the dwelling will be covered with shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased by Mr. Johnson.

RIPON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$3,500. Architect, Walter King, Elks' Bldg., Stockton. Owner, H. L. Dickey. The dwelling will be erected on Mr. Dickey's ranch and will contain seven rooms and bath. Interior finish will be of pine throughout. Some hardwood floors will be used. There will be furnace heat and open fire places. Mantels will be of brick. Brick chimneys are to be used. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with rustic. Plans are now being prepared and bids will be called for shortly.

SAN PABLO, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$6,500. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. Gooddale. The house has been designed for an eight-room dwelling with all modern conveniences. Interior will be finished in pine with some hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile wainscot will be used in the bath room and kitchen. There will be an automatic water heater. Exterior of the house will be covered with shingles. Plans are being prepared and when complete a contract will be let through the architects' offices.

Contracts Awarded.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, brick and frame, \$23,000. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owner, Mrs. Elizabeth Reighard. Contractor, L. P. Pomeroy, 458 So. Madison Ave., L. A. general construction, \$18,269.60. Separate contracts have been awarded for the plumbing and painting.

—SCHOOLS—

SAN FRANCISCO—Academic building, polytechnic group, 2 story and base, Class A construction. Cost not stated. Architect, Architectural Department City and County of San Francisco, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures will be opened on April 30 for the finishing construction of this building. The building is one of the most important of the polytechnic group, and will be from 80 to 160 feet in width and 360 feet long. Construction is to be of the Class A type throughout. Excavation, foundation work and steel frame are now complete. Bids for the remainder of the work the being taken separately as follows: (a) for the general construction, including fireproofing, masonry, carpentry and mill work; (b) plumbing and gas fitting; (c) heating and ventilating; (d) furnishing and installing boilers and boiler auxiliaries, and (e) for the electric work. The official proposal appears in another column of this issue. Plans and specifications can be obtained from the Department of Architecture, Temporary City Hall.

OAKLAND, CAL.—School, 1 and 2 story and base, reinforced concrete. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owner, City of Oakland. Bids will be opened on April 21st for the construction of the Commercial High School, which is to be erected on Broadway between 41st and 42nd streets. The work has been previously described in these columns. The following list contains the names of firms who had applied for plans and specifications up to April 2nd.

SAN FRANCISCO—School, 2 story and base, frame, \$80,000. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The following were low on the various parts of the work for the Le Conte School, bids for which were opened on April 2nd by the Board of Public Works: General construction, J. W. Carr, \$52,842 and \$52,123; lathing and plastering, Bradley & O'Reiley, \$3,900; plumbing and gas fitting, J. E. O'Mara, \$4,634; electric work, Standard Electric Construction Co., \$1,944; and water heating system, John G. Sutton Co., \$2,790. A complete list of all figures submitted for the work appears under the heading of San Francisco in this issue.

CORCORAN, KINGS CO., CAL.—School, 1 story and base, brick, \$35,000. Architect, George M. Easton, Los Angeles Investment Bldg., L. A. Owners, Corcoran School District. The building will contain five standard class rooms, auditorium, lecture room, two commercial rooms, drawing room and principal's office. Interior will be finished in pine. There will be a central heating system. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOQUAN, WASH.—School, 3 story and base, brick and steel, \$90,000. Architects, Stephen and Stephen, New York Bldg., Seattle. Owners, Hoquian School District. This work has been mentioned here before when the plans were first out for figures. Drawings have been revised and new bids are being taken. Bids will be opened on April 15th. The building covers an

area of 89x175 feet. Plans can be secured from the architects.

FOREST GROVE, ORE.—School, 2 story and base, brick. Cost not stated. Architects, W. B. Bell and J. W. Wilding, associated, Forest Grove. Owners, Forest Grove School District. No particulars of this work have been received. The building is to contain six class rooms and an auditorium. There will be a central heating system. Exterior will probably be faced with pressed brick. Further announcement of the work will be made when figures are called.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Pipe laying, \$20,000. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened on April 2nd by the Board of Public Works for laying pipe in Van Ness avenue, Bay street, Fort Mason, etc. Nine figures were submitted. The lowest bid came from E. Mallory and is for \$18,000. No contract has been awarded. A complete list of all figures appears in this issue under San Francisco, City Bids Opened.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Office building, 12 story, Class A construction, \$1,200,000. Architect's name withheld for the present. Owners, British and French capital, local representation. Definite announcement is made for the first time in the Daily Pacific Builder of another million-dollar commercial structure which is shortly to be erected in this city. A site has been secured on the south side of Pine street between Montgomery and Sansome streets, and construction will be undertaken this year. The site has a frontage on Pine street of 145 feet and extends back 120 feet to a rear street. The local representative of the owners has been interviewed and states that a local architect has prepared sketches and estimates for the building. The announcement of the project makes the fifth large commercial structure which is to be erected in San Francisco during the coming year, the four other buildings of this nature previously mentioned in these columns being the 25 story Class A office for John D. Spreckels, Reid Bros., Architects, cost, \$1,200,000; 12 story Class A office for the Hobart Estate, Willis Polk, Architect, cost, \$1,000,000; Meyer and Liebes offices, 10 story, Class A, Havens & Toepke, Architects, cost, \$500,000, and a 10 or 12 story Class A building at Second and Market streets, architect not selected, \$500,000.

SAN FRANCISCO—Stores and offices, 2 story and base, brick and steel, \$52,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Macdonough Estate. The building is to be erected on the north side of Bush street east of Grant avenue, and will have a frontage of 53 feet 9 inches by a depth of 107½ feet. The first floor will be arranged for handsomely finished retail stores and upper floors for offices. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. Metal window frames and sash are to be used. There will be sidewalk doors and lights. The

exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Stores, 1 story and base, brick, \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Water Front Realty Co. The building is to be erected at the northwest corner of Washington and East streets and will cover an area of 80x75 feet. The structure will be carried on a pile foundation. Plans provide for six stores with pine trim, large display windows and patent store fronts. Mexican onyx will be used. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Store addition, 1 story and base, Class C, \$3,000. Architect, John Baur, Clunie Bldg., S. F. Owner, H. N. Cauwet. This work will include raising the present building and constructing the additional story on the street grade. This story will be finished for stores. Interior trim will be of pine. There will be plate glass display windows and patent fronts. Exterior will be faced with pressed brick. An ornamental marquee will be erected. Plans are being prepared.

OAKLAND, CAL.—Stores and offices, 10 or 12 story and base, Class A construction. Cost not stated. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, Hesseman and Hoff. This building is to be erected at the corner of 15th and San Pablo avenue. Only preliminary plans have been prepared and details of the construction cannot be published at this time. The preliminary sketches show a high class office building of fireproof construction and containing in the neighborhood of 200 modern offices. Several stores will occupy the first floor. The owners state that construction will probably be undertaken this year. Further particulars will be given in these columns as the plans progress.

OAKLAND, CAL.—Stores, offices and auditorium, 6 story and base, reinforced concrete, \$180,000. Architect, William H. Judson, Albany Bldg., Oakland. Owner's name withheld for the present. This building, which is to be known as the Arts and Crafts Building, will be erected on Harrison street. Besides the stores and offices the structure will contain an auditorium with a seating capacity of 350 people. Construction will be fireproof throughout. There will be reinforced concrete walls faced with artificial stone. Interior partitions will be of hollow tile and metal lath and plaster. Plans include elevator service, steam heat, a vacuum cleaning system, some metal trim and metal window frames and sash. Interior finish will be of pine, hardwood, metal and marble or tile wainscot. The site is 50x100 feet and the building will occupy the entire lot. Plans are now being prepared. Further announcement will be made here when plans are ready for figures.

LOS ANGELES, CAL.—Stores and lofts, 2 story and base, brick. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, J. Burton. The building will cover an area of 50x140 feet. The first floor will contain two stores and upper floor a large loft. Interior will be finished in pine. There will be patent store fronts and metal window sash and frames. The

exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, reinforced concrete, \$120,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabich. The building will be erected on Los Angeles street and will cover an area of 116x140 feet. Construction will be fireproof. There will be metal window frames and sash. Four elevators and a steam heating system will be installed. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Offices, 12 story and base, Class A construction. Cost not stated. Architect, J. Martyn Haenke, Story Bldg., L. A. Owner, William R. Hearst. This project was mentioned in a recent issue. The property on which the new building is to be erected covers an area of 360x110 feet. The structure will contain the offices and plant of the Los Angeles Examiner and about 300 modern offices. Further details will be given as the plans progress.

FRESNO, FRESNO CO., CAL.—Stores and offices, 14 story and base, Class A construction. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, H. H. Brix. Only preliminary plans for this work have been prepared. The structure is to be erected on J street adjoining the Griffith-McKenzie Building, and will have a street frontage of 100 feet and a depth of 150 feet. The first three floors and the basement will be occupied by a large department store. Upper floors will be subdivided into modern offices. Construction will be fireproof throughout. Further details will be given as the plans progress.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 3 story and base, brick. Cost not stated. Architect, none. Owner, Jotham Bixby, Contractor, V. P. Gilbert, 524 Douglas Bldg., L. A. Contract price, not stated.

LOS ANGELES, CAL.—Stores and lofts, 3 story and base, brick, \$33,000. Architect, W. S. Garrett, Currier Bldg., L. A. Owner, H. O. Vogel. Contractor, W. H. Koepfen, 1324 West 37th St., L. A. Contract price, \$33,000.

LOS ANGELES, CAL.—Stores and offices, 7 story and base, Class A construction, \$180,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Isaac Hellman. Contractor, Weymouth Crowell, Story Bldg., L. A. general construction only. Contract price, \$180,000.

THEATRES.

FRESNO, FRESNO CO., CAL.—Theatre and stores 3 story and base, Class A construction, \$150,000. Architects, Starbuck & Clark, Fresno. Owners, J. B. Whittemore and associates. Plans have been prepared for a building covering an area of 75x150 feet, and which is to be erected at the corner of Kern and K streets. Provision has been made for a number of stores on the first floor besides the theatre proper. The main auditorium will have a seating capacity of 1,600 people. Upper floors of the building, not occupied by the theatre, will be arranged for modern offices. Construction will be fire-

proof throughout. The theatre will be handsomely decorated. Exterior of the building will probably be faced with pressed brick. Working drawings have not been prepared. Further details will be given as the plans progress.

Contracts Awarded.

BAY CITY, ORANGE CO., CAL.—Amusement buildings, frame construction, \$60,000. Architect, A. Burnside Sturges, Story Bldg., L. A. Owners, Bayside Land Co. Contractor, J. A. Cook, Chamber of Commerce Bldg., L. A. Contract price, \$60,000.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Academic Building, Polytechnic High School, on City property bounded by Willard, Frederick, Carl streets and Arguello Boulevard.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed as follows:

Proposition No. 1. Within two hundred and forty (240) calendar days thereafter.

Proposition No. 2. Within three hundred and sixty-five (365) calendar days thereafter.

Proposition No. 3. Within three hundred and sixty-five (365) calendar days thereafter.

The amount of bond for faithful performance has been fixed as follows:

Proposition No. 1, \$40,000.00.

Proposition No. 2, \$50,000.00.

Proposition No. 3, \$75,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR ELECTRIC WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The electric work of the Academic Building, Polytechnic High School.

Progressive payments will be made.

The amount of bond for faithful performance of contract has been fixed at \$2,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

PROPOSALS FOR PLUMBING AND GAS FITTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The plumbing and gas fitting of the Academic Building, Polytechnic High School.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$4,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

PROPOSALS FOR HEATING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The installation of a heating and ventilating system in the Academic Building, Polytechnic High School.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$7,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

PROPOSALS FOR BOILERS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of boilers, boiler auxiliaries and piping, etc., in the Academic Building, Polytechnic High School.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$6,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913, for doing the following work:

The removal and reconstruction of a safety station adjacent to the northerly street car tracks at the junction of Market, Ellis and Stockton streets.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within seven (7) calendar days and completed within twenty-five (25) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$500.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal form will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 769—Proposals for Induction Motors, Autostarters or Compensators, Automatic Oil Switches, Copper Cable, Journal Bearings, Brake-Rod Connection Pins, Steel Keys for Brake Shoes, Bolts for Brake Shoes, Pig Iron, Aluminum Pig, Ferro-silicon, Ferro-manganese and Lumber.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. April 15, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 769) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 768—Proposals for Sheet Iron or Steel, Wire Cable, Chain, Babbitt Metal, Yellow Metal, Sheet Brass, Bronze Bars, Brass Tubing, Bronze Wire Cloth, Nuts, Cast Iron Washers, Nails, Screws, Tacks, Cotters, Shovels, Hose, Grindstones, Tackle Blocks, Valves, Belt Lacing, Emery Cloth, Sandpaper, Sash Cord, Railway Flags, Mop Heads, Ship's Felt, Marline, Paper Clips, Pins, Rules, Paper, Lime and Beeswax.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. April 12, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information

relating to this circular (No. 768) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Montrose, Colorado, until 4 o'clock p. m., April 17, 1913, for the construction of about 6.2 miles of the Selig Extension Canal and 3.4 miles of the Peach Valley Lateral of the Selig Canal system, Uncompahgre Valley project, in the vicinity of Olathe, Colorado. This work involves the excavation of about 171,500 cubic yards of material in open cut and 930 linear feet of tunnel. For particulars address the United States Reclamation Service, Montrose, Colorado; 519 Commonwealth Building, Denver, Colorado; or Washington, D. C. MORRIS BIEN, acting director.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 770—Induction and Direct Current Motors, Copper Louvre Panels, and Rubber Valves.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., April 19, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 770) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. A., general purchasing officer.

NOTICE TO BRIDGE BUILDERS.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of 10 o'clock a. m., Monday, April 21, 1913, for constructing a reinforced concrete culvert on San Bruno avenue at Colma, at the intersection of San Bruno avenue and Market street in the First Road District as per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, March 17, 1913, which said plans and specifications are now on file in the office of the Clerk of said Board where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reliable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party shall fail, neglect or refuse to execute and file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to

enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids.
JOS. H. NASH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

PROPOSALS FOR TRACK WORK.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 16th day of April, 1913, for doing the following work:

• Railway track construction on Geary street, Thirty-third avenue, Balboa street, Forty-fifth avenue, Cabrillo street, from Geary street near Thirty-third avenue to the Great Highway.

Progressive payments will be made.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within seventy-five (75) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$15,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 763—Proposals for Furnishing and Erecting Coal-Handling Machinery and Accessories for Two Coaling Plants.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. May 14, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 763) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. T. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR DREDGING.

DREDGING—U. S. Engineer Office, 101 Custom House, San Francisco, Cal.—Sealed proposals for dredging in Oakland Harbor, Cal., will be received at this office until 11 o'clock a. m. April 14, 1913, and then publicly opened. Information on application. THOMAS H. REES, lieutenant colonel, engineers.



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Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Mrs. Wilhemina Taylor. The dwelling is to be erected on a beautiful lot at the corner of 18th avenue and Revere street. Floor plan provides for eight rooms, two baths and sleeping porch. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$4,600. San Francisco. Architect, none. Owner, Frank Pegel, 366 19th Ave., S. F. The house will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be cov-

ered with cement plaster on metal lath, shingles and brick veneer. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, C. Howe, 110 Ord St., S. F. The house will be arranged for seven rooms and bath. All interior finish will be of pine with hardwood floors in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath and kitchen. An automatic water heater will be installed. Some elm panels will be used in the dining room and reception hall. The exterior of the house will be covered with rustic and shiplap with a brick veneer base. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE — 1½ story and base, frame, \$3,000. San Francisco. Architect, none. Owner, Andrew Lyon, 182 Liberty street, S. F. The dwelling is to be erected on Carmel street near Cole and will contain seven rooms and bath. Interior will be finished in pine, redwood and some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be open fire places and furnace heat. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered

with rustic. Plans are complete and the work is to be done by Day Labor. Owner is now in the market for all kinds of materials.

RESIDENCE—2 story and base, frame, \$2,700. San Francisco. Architect, none. Owner, Nils N. Hagen, 377 Cumberland St., S. F. The dwelling has been designed for a six-room house with bath. All interior finish will be of pine or redwood. There will be an open fire place in the living room with a brick mantel. Floors in the principal rooms will be finished in hardwood. Tile will be used in the bath and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—1 and 2 story and base, frame, \$8,000. San Francisco. Architect, Theo. W. Lenzen, Humboldt Bank Bldg., S. F. Owner, Dr. Emil Herwig. The house has been designed for a combination residence and private bath treatment sanitarium. The one-story portion will be used for a sun room. Interior will be finished in pine, hardwoods and considerable tile. There will be a special heating system and open fire places. Mantels will be of brick. There will be hardwood floors. Baths will be finished in tile and will have cement floors. The exterior of the dwelling will be covered with shiplap and rustic. The architect is taking figures on the work.

APARTMENT HOUSE—9 story and base, Class A construction, \$250,000. San Francisco. Architects, Ross & Burgen, 310 California St., S. F. Owners represented by Harrigan-Weidemuller Co. A large site has been purchased, fronting 87½ feet on Broadway and extending back 137½ feet. The lot is just east of Fillmore street and is held by the Mau Estate. A lease has been secured through the offices of Harrigan-Weidemuller Company, for the purpose of erecting thereon a nine-story Class A apartment building to be financed under the New York co-operative system. These agents report meeting with great encouragement in this enterprise, and to date have a number of applications from some of the most prominent families for apartments in the building. The lot was selected owing to the grand panoramic marine view it commands, its accessibility and its excellent environment. The building will contain sixteen apartment suites of ten rooms, two suites to each floor, with fast running passenger and service elevators, opening into private halls. The interior is to be finished entirely in hardwood with oak floors. The plumbing and steam heating are to be of the best and latest, and all bath rooms and kitchens are to be tiled throughout. Refrigerating and vacuum cleaning plants will be installed and large private safes will be in each apartment and jewel safes in each chamber. A large assembly room, suitable for dances, etc., will be an additional feature.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architect, C. M. Cook, Rialto Bldg., S. F. Owner Mrs. Ida M. Bender. The building is to be erected at the southwest corner of Broderick and O'Farrell streets, and has a frontage on one street of 35 feet and of 75 feet on the other. The interior has been arranged

for twelve apartments of three and four rooms each with private bath. Wall beds are to be used. There will be a central heating system. Interior finish will be of pine and elm panels. Some hardwood floors are specified. A hot water system will be installed. The exterior of the building will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—5 story and base, brick and steel. Cost not stated. San Francisco. Architects, A. F. and C. M. Rousseau, Monadnock Bldg., S. F. Owner, H. C. Newhall. The building will be erected at the northeast corner of Washington and Leavenworth streets and will cover a considerable ground area. There will be a complete steel frame with reinforced brick walls, faced with pressed brick. The building has been designed for a residential apartment flats, each apartment consisting of five rooms and bath. Each apartment will be finished in pine, hardwood panels and will have hardwood floors. There will be built in buffets and open fire places. Plans provide for steam heat, elevator service, a hot water system and all other modern conveniences. Servants' rooms will be located in the basement. There will also be a large billiard room, wine room and social hall. A garage will be erected at one end of the lot containing room for three machines. H. C. Newhall is the owner of the property and he has spared no expense in making the building one of the finest residential apartments in the city.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, Mrs. Brownlee. A general contract for this building has been awarded to M. Marcusen, Royal Insurance Bldg., and he is now taking figures for a number of the special parts of the work. Firms interested in tile, both floor and wall, beds, ornamental iron, painting and electric work should see Mr. Marcusen.

APARTMENT HOUSE—3 story and base, frame, \$16,000. San Francisco. Architect, none. Owner, J. V. Campbell, 1040 Bryant St., S. F. The dwelling is to be erected on the south side of California street east of Hyde, and will be 28x118 feet. Interior has been arranged to contain 18 apartments of two and three rooms each. There will be private bath rooms and wall beds. Interior will be finished in pine and some hardwood. Oak floors will be used in the principal rooms. A central heating system and hot water plant will be installed. The exterior of the building will be covered with rustic, shiplap and tapestry brick veneer. Plans are complete and the work will be done by Day Labor. The owner is now in the market for all of the various materials.

CHURCH—2 story and base, brick and steel, \$50,000. San Francisco. Architects, Shea & Loftquist, Bank of Italy Bldg., S. F. Owners, St. Patrick's Parish. The present building on Mission street between Third and Fourth streets was reconstructed after the fire and has been made to do until the present time. Plans for the complete rehabilitation of the edifice have been prepared and money is to be raised at once for the construction. There will be a large amount of structural steel used. Interior will be finished in pine and ornamental plaster. The exterior

will be faced with pressed brick. Plans are being prepared and work will be started within a few months. Father Rodgers is in charge of the building.

FIRE HOUSE—2 story and base, brick and steel, \$35,000. San Francisco. Architect, City Dept. of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show Commary-Peterson low men at \$33,262 and they will probably be awarded the contract. Eight figures in all were submitted. A complete list of these figures can be found under the heading of San Francisco in this issue.

FLATS—2 story, attic and base, frame, \$14,000. San Francisco. Architect, Albert Schroeffer, Foxcroft Bldg., S. F. Owner, Henry Eisenberg. The building will be erected on Pacific street west of Fillmore, and has been designed for residential flats. Each of the flats will consist of five or six rooms and bath. Interior finish will be of pine, redwood and hardwood with oak floors in the principal rooms. There will be a central heating system. Tile will be used in the baths and kitchens. There will be some marble and tile used in the entrance vestibules. Exterior of the building will be covered with tapestry brick veneer and shiplap. Plans are complete and figures are being taken by the architect.

HOTEL—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owner, G. Passio, 368 Vallejo St., S. F. The building is to be erected on Lombard street west of Baker, and will be arranged for stores on the first floor and a number of hotel rooms on the upper floors. Interior will be finished in pine and redwood. There will be a hot water system but no heat. The exterior will be covered with rustic. Patent store fronts are specified. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOTEL—8 or 9 story and base, brick and steel, \$250,000. San Francisco. Architects, Cunningham & Pollette, First National Bank Bldg., S. F. Owners, Lachman Estate. A lease will shortly be made on a building which is to be erected by the Lachman Estate at the corner of Mason and Sutter streets. The property has three frontages and covers a large area. The proposed building will be seven or eight stories high and of Class A construction. A preliminary estimate places the cost of construction at about \$200,000. Cunningham & Pollette, First National Bank Building, will probably be commissioned to prepare plans and specifications. Further details will be given in these columns later.

HOTEL—5 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, A. F. and C. M. Rousseau, Monadnock Bldg., S. F. Owner, Florentina Wankowsky. The building is to be erected on the north line of Geary street west of Jones. There will be a store and the hotel lobby and offices on the first floor and a large number of single rooms on the upper floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Many of the rooms will have connecting baths. Interior finish will be of pine and hardwood. Some ornamental plaster will be used in the lobby. Marble and tile are to be used in the en-

rance. A hot water plant will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and a contract will be awarded at once.

HOTEL—4 story and base, brick and steel. Cost not stated. San Francisco. Architect, William Knowles. Icarus Bldg., S. F. Owners, Hind Estate. The building is to be erected on the southeast corner of 5th and Minna streets, the lot having a frontage of 80 feet on 5th street and 147 feet 10 inches on Minna. The entire building has been leased for a term of ten years to N. V. Doran and A. E. Baldwin through the offices of Kern-Sellon Co. Plans provide for five stores on the first floor besides a large and attractive office and lobby. Upper floors will contain about 180 rooms besides a number of baths and toilets. There will be steam heat, elevator service, a hot water system and vacuum cleaning. Interior will be finished in pine and some hardwood. Tile and marble will be used in the lobby and entrance. The exterior of the building will probably be faced with pressed brick. Plans are complete and figures are to be taken shortly.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, W. G. Hinds, 46 Kearny St. F. Owner, J. Deming. The building is to be erected on Hyde street between Vallejo and Green streets, and will have a street frontage of 25 feet and a depth of 87½ feet. Four plans have been arranged for four apartments of three rooms and bath each. Interior will be finished in pine with some elm panels and hardwood floors. There will be gas radiators. Tile will be used in the baths. All suites will be equipped with wall beds. Entrance vestibule will be finished in marble. The exterior of the building will be covered with shingles. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, W. K. Hinds, 46 Kearny St., S. F. Owner, Mrs. Picard. The house will be erected on the east side of Taylor street between Pacific and Broadway. Interior will be arranged to contain six apartments of four rooms and bath. All suites will have wall beds. The interior will be finished in pine and elm with hardwood floors in the principal rooms. Gas radiators will be installed. The entrance vestibule will be finished in marble and tile. Tile will also be used in the bath rooms. The exterior of the building will be covered with brick veneer. Plans are just started for this work. Bids will be called for on the various parts of the work within a month.

BRIDGE—Steel bascule type. Cost not stated. Engineer, Engineering Department Atchison, Topeka and Santa Fe R. Co., S. F. Owners, Atchison, Topeka and Santa Fe Co. The Board of Public Works have approved plans and specifications for a new bascule bridge which is to be erected by the Atchison, Topeka and Santa Fe Company over Isals Creek at Kentucky street. With the construction of this bridge 1500 additional feet of dockage will be opened up along Isals Creek channel. Bids will be called for shortly. Working drawings are now being made.

RAILROAD CONSTRUCTION—Cost not stated. San Francisco, Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans have been completed and approved for the completion of the Geary Street Municipal Road from 33rd avenue west to the ocean. The line will traverse 33rd avenue, Balboa street, 42nd and 45th avenues to the Great Highway. Plans have been called for by the Board of Public Works and will be opened on April 16th. Complete plans and specifications and full particulars of construction can be secured from the City Department of Engineering.

ACADEMIC BUILDING—Polytechnic group, 2 story and base. Class A construction. Cost not stated. San Francisco. Architect, Architectural Department City and County of San Francisco, Temporary City Hall, S. F. Owners, City and County of San Francisco. Plans are complete and figures will be opened on April 30th for the finishing construction of this building. The building is one of the most important of the polytechnic group and will be from 80 to 160 feet in width and 360 feet long. Construction is to be of the class A type throughout. Excavation, foundation work and steel frame are now complete. Bids for the remainder of the work are being taken separately as follows: (a) for the general construction, including fire proofing, masonry, carpentry and mill work; (b) plumbing and gas fitting; (c) heating and ventilating; (d) furnishing and installing boilers and boiler auxiliaries, and (e) for the electric work. The official proposal appears in another column of this issue. Plans and specifications can be obtained from the Department of Architecture, Temporary City Hall.

SCHOOL—2 story and base, frame, \$80,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. The following were low on the various parts of the work for the Le Conte School, bids for which were opened on April 2nd by the Board of Public Works: General construction, J. W. Carr, \$52,842 and \$52,123; lathing and plastering, Bradley & O'Riley, \$5,900; plumbing and gas fitting, J. E. O'Mara, \$1,634; electric work, Standard Electric Construction Co., \$1,944, and water heating system, John G. Sutton Co., \$2,790. A complete list of all figures submitted for the work appears under the heading of San Francisco in this issue.

PIPE LAYING—\$20,000. San Francisco. Engineer, City Department of Engineering, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids were opened on April 2nd by the Board of Public Works for laying pipe in Van Ness avenue, Bay street, Fort Mason, etc. Nine figures were submitted. The lowest bid came from E. Mallory and is for \$18,000. No contract has been awarded. A complete list of all figures appears in this issue under San Francisco, City Bids Opened.

OFFICE BUILDING—12 story. Class A construction, \$1,200,000. San Francisco. Architect's name withheld for the present. Owners, British and French capital, local representation. Definite announcement is made for the first time in the Daily Pacific Builder of another million dollar commercial

structure which is shortly to be erected in this city. A site has been secured on the south side of Pine street between Montgomery and Sansome streets and construction will be undertaken this year. The site has a frontage on Pine street of 145 feet and extends back 120 feet to a rear street. The local representatives of the owners has been interviewed and states that a local architect has prepared sketches and estimates for the building. The announcement of the project makes the fifth large commercial structure which is to be erected in San Francisco during the coming year, the four other buildings of this nature previously mentioned in these columns being: 25 story class A office for John D. Spreckels, Reid Bros., Architects, cost, \$1,200,000; 12 story class A office for the Hobart Estate, Willis Polk, Architect, cost, \$1,000,000; Meyer and Liebes offices, 10 story, class A, Havens & Toepke, Architects, cost, \$500,000; and 10 or 12 story class A building at Second and Market streets, architect not selected, \$500,000.

STORES AND OFFICES—2 story and base, brick and steel, \$52,000. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Macdonough Estate. The building is to be erected on the north side of Bush street east of Grant avenue, and will have a frontage of 53 feet 9 inches by a depth of 107½ feet. The first floor will be arranged for handsomely finished retail stores and upper floors for offices. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. Metal window frames and sash are to be used. There will be sidewalk doors and light. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES—1 story and base, brick, \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners, Water Front Realty Co. The building is to be erected at the northwest corner of Washington and East streets and will cover an area of 80x75 feet. The structure will be carried on a pile foundation. Plans provide for six stores with pine trim large display windows and patent store fronts. Mexican onyx will be used. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

STORE ADDITION—1 story and base. Class C, \$3,000. San Francisco. Architect, John Baur, Clunie Bldg., S. F. Owner, H. N. Cauwet. This work will include raising the present building and constructing the additional story on the street grade. This story will be finished for stores. Interior trim will be of pine. There will be plate glass display windows and patent fronts. Exterior will be faced with pressed brick. An ornamental marquee will be erected. Plans are being prepared.

FIRE HOUSES—3, 1 story, frame. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of three fire houses, which are to be erected on the Exposition grounds at Harbor View, have been completed and are now out for figures. Bids will close on April 22nd. Plans can be secured from the Director of Works. Official proposal appears in another column of this issue.

EXPOSITION BUILDING—2 story, frame, \$220,000. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened for the construction of the Pure Foods Building, and show Neil A. McLean low on the general construction at \$219,000. John G. Sutton low on the plumbing at \$16,350. A complete list of all figures received appears under San Francisco in this issue.

Contracts Awarded.

TRACK SPECIALS—Cost not stated. San Francisco. Engineer, Assistant State Engineer, Ferry Bldg., S. F. Owners, State of California. The following awards have been made by the State Board of Harbor Commissioners under bids opened Thursday, April 3, 1913:

Switch stands to United States Steel, \$287.50.

Brace tie plates to United States Steel, \$2,255.

5x11 tie plates to Pennsylvania Steel, \$3,630.

6x9 tie plates, 7.16 size, Eccles & Smith, \$4,350.

Compromise joints, award reset for meeting of April 10th.

65 T rails and splices, United States Steel, \$21,842.50.

Guard rails, Pennsylvania Steel, \$67,000, subject to terms of bid.

Rail joints, H. B. Green, \$5.65 each.

T rail frogs, Pennsylvania Steel, \$3,474.75.

Switches, United States Steel, \$862.50.

Guard rail, United States Steel, \$675.50.

PILE FOUNDATIONS—Cost not not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Pile foundation for Agricultural Building awarded to Mercer-Frazer Co. at 24¢ per lineal foot, and the contract for the pile foundation for the Manufacturers' Building was awarded to Contra Costa Construction Co. at 25 cents per lineal foot.

Local Architects To Open Fresno Office.

Smith, Stewart & Glass Will Enter Southern Field with Mr. Glass in Charge at Fresno.

Mr. Edward Glass, of the firm of Smith, Stewart & Glass, architects, 244 Kearny street, has just received his certificate from the California State Board of Architecture entitling him to practice his profession in any part of the State.

The above mentioned firm will open up offices in Fresno with Mr. Glass personally conducting the business in that city.

Mr. Glass has had a wide experience as draftsman both in San Francisco and in the East. In company with Mr. Stewart he spent considerable time in New York studying the apartment house and hotel problem. These two gentlemen also made a thorough study of country homes in and around Philadelphia.

Mr. Smith, the senior member of the firm has had a long experience in local practice and was for years identified

with the United States Lighthouse Service in the Eighteenth District directing much of the heavy construction work for the service on this coast.

In order that the firm may have a duplication of trade catalogues in their Fresno office as quickly as possible, building supply houses are invited to send such literature to their temporary address P. O. Box 1311, Fresno, Cal.

Bids For Big Food Products Building.

Exposition Company Open Figures For Another Exhibit Palace to be Erected at Once.

Bids were opened Tuesday by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for the construction of the Food Products Building, which is to be erected in the Exhibit Building section of the Harbor View site. Separate figures were taken for the general construction and for the plumbing, water and sewer pipes. Neil A. McLean submitted the lowest figure for the general construction at \$216,000. John G. Sutton Co. were low on the plumbing, water and sewer pipes at \$16,350. No contracts have been awarded but the two low men will probably be given the work. A complete list of all figures follows:

General Construction.

Comnary-Peterson Co.....	\$256,600
Strehlow, Freese & Peterson	233,900
J. Monk	276,647
Lang & Bergstrom	235,655
Reese & Rountree.....	239,900
F. Rolandi	279,000
McLeran & Peterson.....	241,000
Neil A. McLean.....	219,900
James L. Brown	290,000
D. B. Farquharson.....	390,000

Plumbing.

Herman Lawson	\$16,414
Frederick Snook & Co.....	16,926
Frank Lyman	16,575
J. E. O'Mara	19,250
Frank J. Klimm	17,213
Peterson-James Co.....	19,900
Kiernan & O'Brien	18,662
Robert Dalziel Jr.....	17,735
John G. Sutton Co.....	16,350
Alexander Coleman	16,600
Burnham Plumbing Co.....	16,827
The Turner Co.....	16,881

Kern-Neilan Co., Inc. Report Large Lease.

Property South of Market Street to be Improved With Large Hotel. Rent Totals \$124,500.

For the account of Hind Estate Co. the Kern-Neilan Co. reports a lease made to N. V. Doran and A. E. Baldwin of a building to be erected on the property belonging to the Hind Estate Co., situate on the southeast corner of 5th and Minna streets. The lot has a frontage of 80 feet on Fifth street and a uniform depth of 147-10 feet on Minna street. The grading has already commenced or the erection of a four-story "Class C" structure which will contain 180 rooms upstairs and five stores and a spacious lobby on the ground floor.

The plans have been drawn by Architect William Knowles and the hotel will be one of the most modern structures of its time. The term of the lease was for a period of ten years from completion of building and the amount of rental to be paid totals, \$124,500. The tenants, Doran & Baldwin, are experienced hotel people and have taken a lease on the entire building.

Hind & Co., real estate agents, acted for the owners, The Hind Estate Co., and Kern-Neilan Co. represented the tenants

Harbor Board Awards Number Of Contracts.

United States Steel and Pennsylvania Steel Get Greater Portion of Contracts for Specials.

The following awards have been made by the State Board of Harbor Commissioners under bids opened on Thursday, April 3rd.

Switch stands to United States Steel \$287.50.

Brace tie plates to United States Steel, \$2,255.

6x11 tie plates to Pennsylvania Steel, \$3,630.

6x9 tie plates 7.16 size, Eccles & Smith, \$4,350.

Compromise joints, award reset for meeting of April 10th.

65 T rails and splices United States Steel, \$21,842.50.

Guard rails Pennsylvania Steel, \$87,000 subject to terms of bid.

Rail joints, H. B. Green, \$5.65 each.

T rail frogs, Pennsylvania Steel, \$3,474.75.

Switches, United States Steel, \$862.50.

Guard rail, United States Steel, \$676.50.

MONTHLY REPORT OF THE BUREAU OF BUILDING INSPECTION.

MARCH.

Class	No. of Bldgs.	Amount
Class "B"	2.....	\$141,000
Class "C"	15.....	361,567
Frames	263.....	948,010
Alterations	291.....	148,390
Total	571.....	\$1,599,967

FEBRUARY.

Class	No. of Bldgs.	Amount
Class "B"	2.....	\$135,000
Class "C"	12.....	414,630
Frames	196.....	643,440
Alterations	244.....	105,380
Total	454.....	\$1,298,450

City Bids Opened.

Board of Public Works Consider Many Figures for City and County Construction Enterprises.

Bids were opened at Wednesday's session of the Board of Public Works for the construction of the Le Conte School, a two-story and basement frame and plaster structure; bids being taken separately for the general construction, lathing and plastering, plumbing, electric work and heating system. Bids were also opened at the same meeting for the construction of Engine House No. 24, for the laying of pipe in Van Ness avenue, Fort Mason, Bay street

etc., also for the equipment of the Oil House for the Geary Street Car Barns and for a large amount of street paving and sewer work. The following list contains all figures for the work on the Le Conte School, Engine House No. 24 and laying of pipe and equipment of Oil House:

General Construction Le Conte School.

Commary-Peterson Co.....\$55,576

Heckenroth & Schell.....\$59,841

Ward & Goodwin.....\$63,246

B. T. Owsley.....\$62,827

J. W. Carr.....\$52,842

W. A. Newsom.....\$54,734

Monson Bros.....\$53,235

Wold & Kohn.....\$56,762

McSheehy Bros.....\$57,592

.....\$56,842

Lathing and Plastering Le Conte School

Bradley & O'Riely.....\$5,900

J. J. Connelley & Son.....6,600

Charles Campbell.....5,980

Smith & Johnson.....5,995

M. J. Terranova.....5,990

Plumbing, Le Conte School.

Wittman-Lyman Co.....\$5,431

Alex. Coleman.....5,998

Kiernan & O'Brien.....4,915

Turner Co.....2,325

S. W. Snook & Co.....5,984

J. Looney & Co.....5,103

H. Lawson.....5,296

J. E. O'Mara.....4,634

John G. Sutton Co.....4,890

Electric Work, Le Conte School.

Standard Elec. Constr. Co.....\$1,944

Pacific Fire Ext. Co.....2,100

Turner & Co.....2,325

Butte Eng. & Elec. Co.....2,390

General Elec. Co.....2,274

McFell Elec. Co.....2,745

National Elec. Co.....2,250

Water Heating System, Le Conte School

Wittman-Lyman Co.....\$3,391

Pacific Fire Ext. Co.....3,921

Turner Co.....3,370

Atlas Heating & Vent Co.....3,790

J. E. O'Mara.....3,642

John G. Sutton.....2,790

General Constr. Engine House No. 24.

Nelson & Bauer.....\$36,993

O. C. Holt.....33,930

Commary-Peterson Co.....33,262

Heckenroth & Schell.....33,973

J. W. Carr.....34,874

Wold & Kohn.....34,469

E. W. Elliott.....35,824

Monson Bros.....33,423

Laying Pipe in Van Ness Avenue, Fort Mason, Bay Street, Etc.

F. E. Hilmer.....\$23,975

Contra Costa Constr. Co.....23,800

Ralsch Improvement Co.....23,400

M. Murphy.....26,000

R. C. Storrie & Co.....18,500

E. Mallory.....18,000

Healy-Thibblits Constr. Co.....21,590

P. Rolandi.....26,150

Correll Bros.....24,250

One bid only was received for furnishing equipment for the oil house at the Geary Street Car Barns. That was presented by S. F. Bowser Co., and was for \$1,233.25.

BUILDING PERMITS ISSUED FOR MARCH 21 TO MARCH 28 AS REPORTED BY THE BUREAU OF BUILDING INSPECTION.

Class	No. of Bldgs.	Amount
Class "C".....	4.....	\$ 96,000
Frames.....	61.....	215,107
Alterations.....	59.....	35,353
Total.....	124.....	\$346,492

Pile Foundations For Exhibit Buildings.

Panama-Pacific International Exposition Awarded Two Pile Foundation Contracts Yesterday.

Bids were opened Thursday, April 3rd, by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for the pile foundations of the Manufactures' Building and for the pile foundation of the Agriculture Building, both of which are to be erected in the exhibit section of the Harbor View site. Bids were taken on the basis of so much per lineal foot. Mercer-Fraser Co. were awarded the foundation work for the Agriculture Building and the Contra Costa Construction Co. the work for the Manufactures Building.

Pile Foundation, Agriculture Building
Pacific Construction Co., .29½ per foot
Healy-Thibblits Constr. Co., .25 6-10 per foot.

Contra Costa Constr. Co., .26 per foot.
Foster-Vogt Co., .32 3-10 per foot.
J. Monk, .27 per foot.
Mercer-Fraser Co., .24½ per foot.
State Constr. Co., .27 per foot.

Pile Foundation, Manufactures' Bldg.
Hyde-Harjes & Co., Inc., .29 4-10 per foot.

Mercer-Fraser Co., .29½ per foot.
Thompson Bridge Co., .28 14-100 per foot.

Foster-Vogt Co., .33 per foot.
Contra Costa Constr. Co., .25 per foot.
Healy-Thibblits Constr. Co., .31 3-10 per foot.

J. Monk, .26½ per foot.
Pacific Constr. Co., .28 per foot.
State Constr. Co., .27 per foot.

The Original Cement Wash Tray.

In 1885 Chas. Wesley, of Chicago, took out a patent for a Cement Laundry Tray, and from date, Cement Laundry Trays have been a household word.

No house is now complete without a Cement Laundry Tray.

Later, in 1888, additional patents were taken out by Mr. Wesley and from that time the Wesley Cement Laundry Tray has been a popular and

E. H. Williams

Chalmers Munday

Munday & Williams

Attorneys-at-Law

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steady seller all over the United States.

About five years ago John Wesley, son of the inventor, came to the Coast and started the manufacture of Cement Laundry Trays with C. J. Walsh as a partner.

Their success was assured from the start. The trays are now made under the personal supervision of Mr. C. J. Walsh, who is a practical workman. The address of the factory is 126 Stillman street, formerly Silver street, bet. 3rd and 4th, Harrison and Bryant streets Tel. Douglas 3773.

BUILDING SUPERINTENDENT.

Glacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded**San Francisco.**

1192	Bank of Italy.....	Lange	35106
1193	Shean.....	Murray	4638
1194	Capelli.....	Heaphy	3094
1195	Heskins.....	Camp	2150
1196	Same.....	Munster	23200
1197	Murphy.....	Kronick	5150
1198	Torrero.....	Brunswick	400
1199	Fletcher.....	Fletcher	1800
1200	Petersen.....	Petersen	1900
1201	Atkinson.....	Leiter	25500
1202	Trollman.....	Trollman	1900
1203	Johnson.....	Johnson	1900
1204	Am Ori Oil.....	Koschnitzki	400
1205	Pearson.....	Pearson	500
1206	Hageman.....	McKillop	500
1207	Lyon.....	Lyon	3000
1208	Demming.....	Giltzene	1000
1209	Case.....	Case	400
1210	Pegel.....	Pegel	4600
1211	Poim.....	Welsing	500
1212	Howe.....	Howe	3000
1213	Walter.....	Walter	450
1214	Moneta.....	Braham	1900
1215	Same.....	Same	1900
1216	Huntington.....	Lindsay	6450
1217	San Christina Inv.....	Hannah	9506
0527	unaj jayhnyd.....	nosopud	8121

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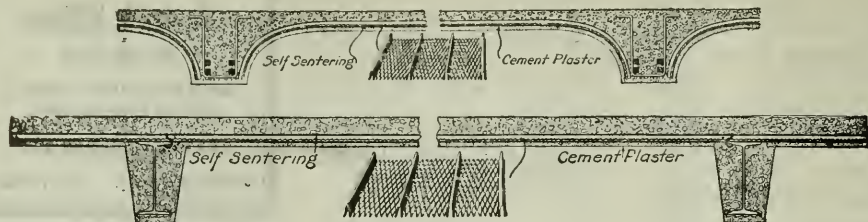
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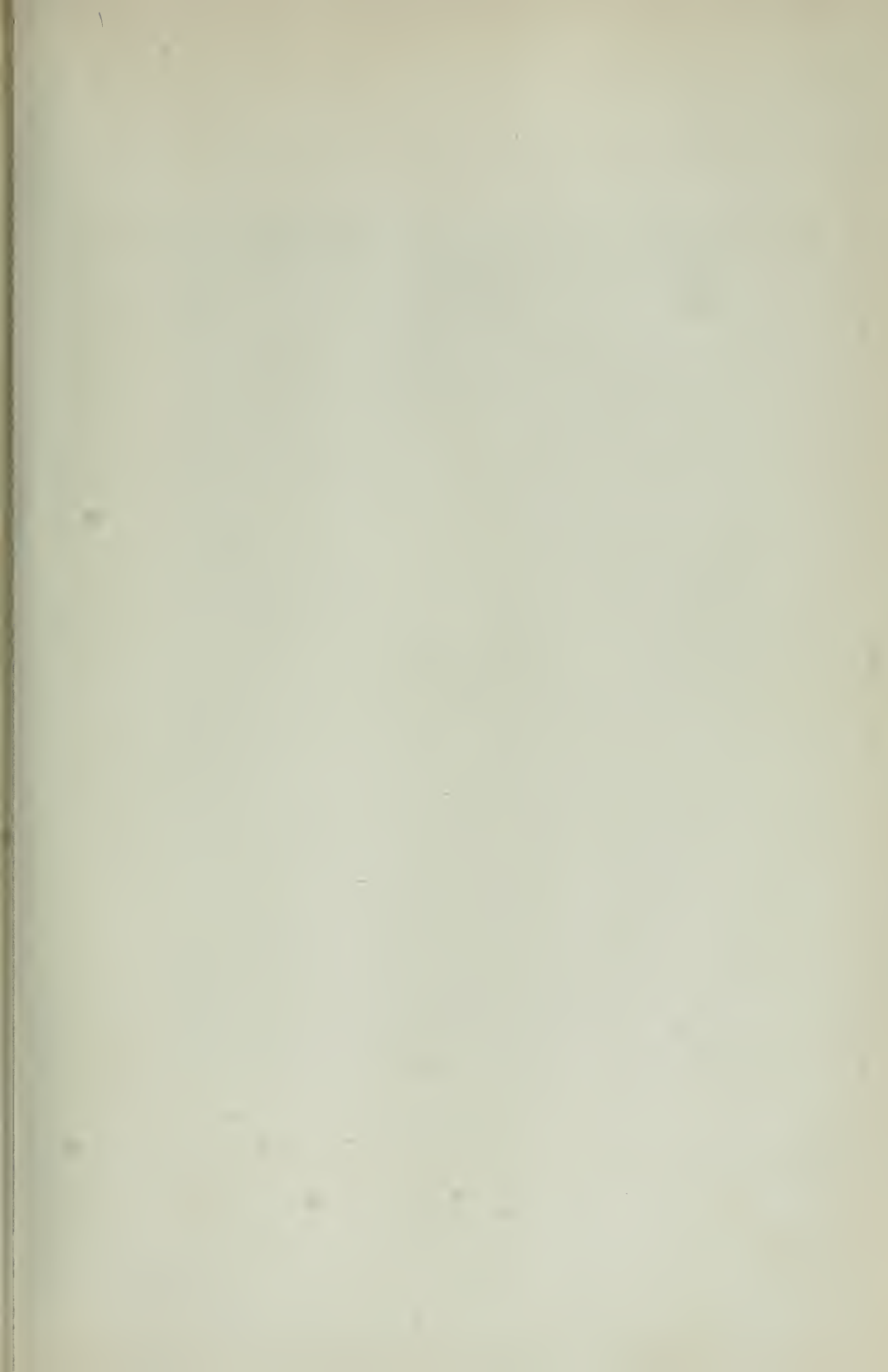
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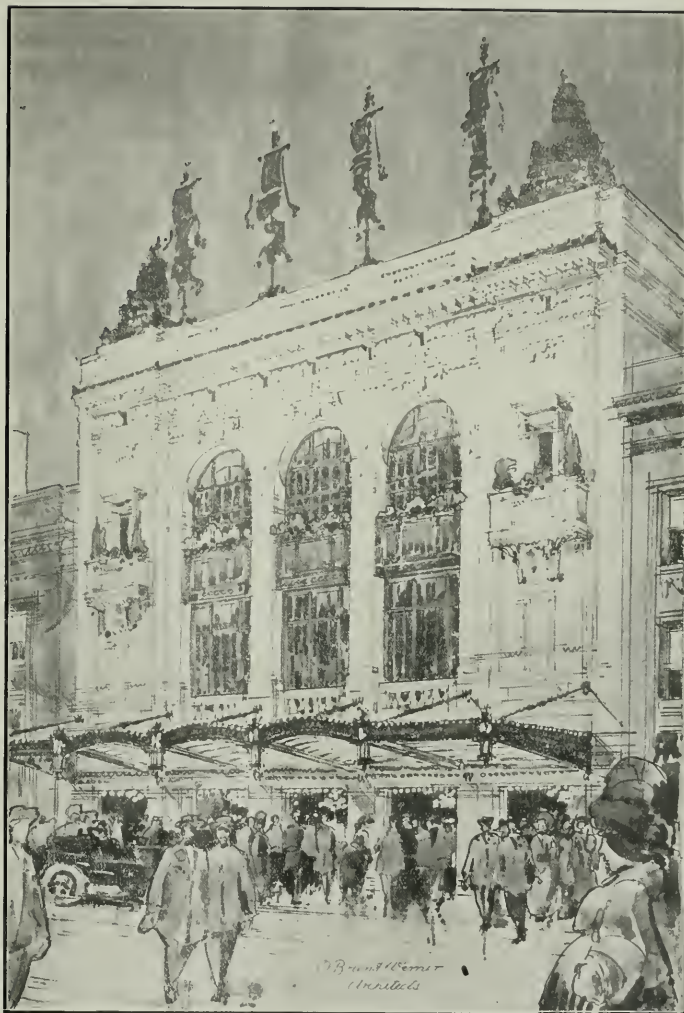
SAN FRANCISCO





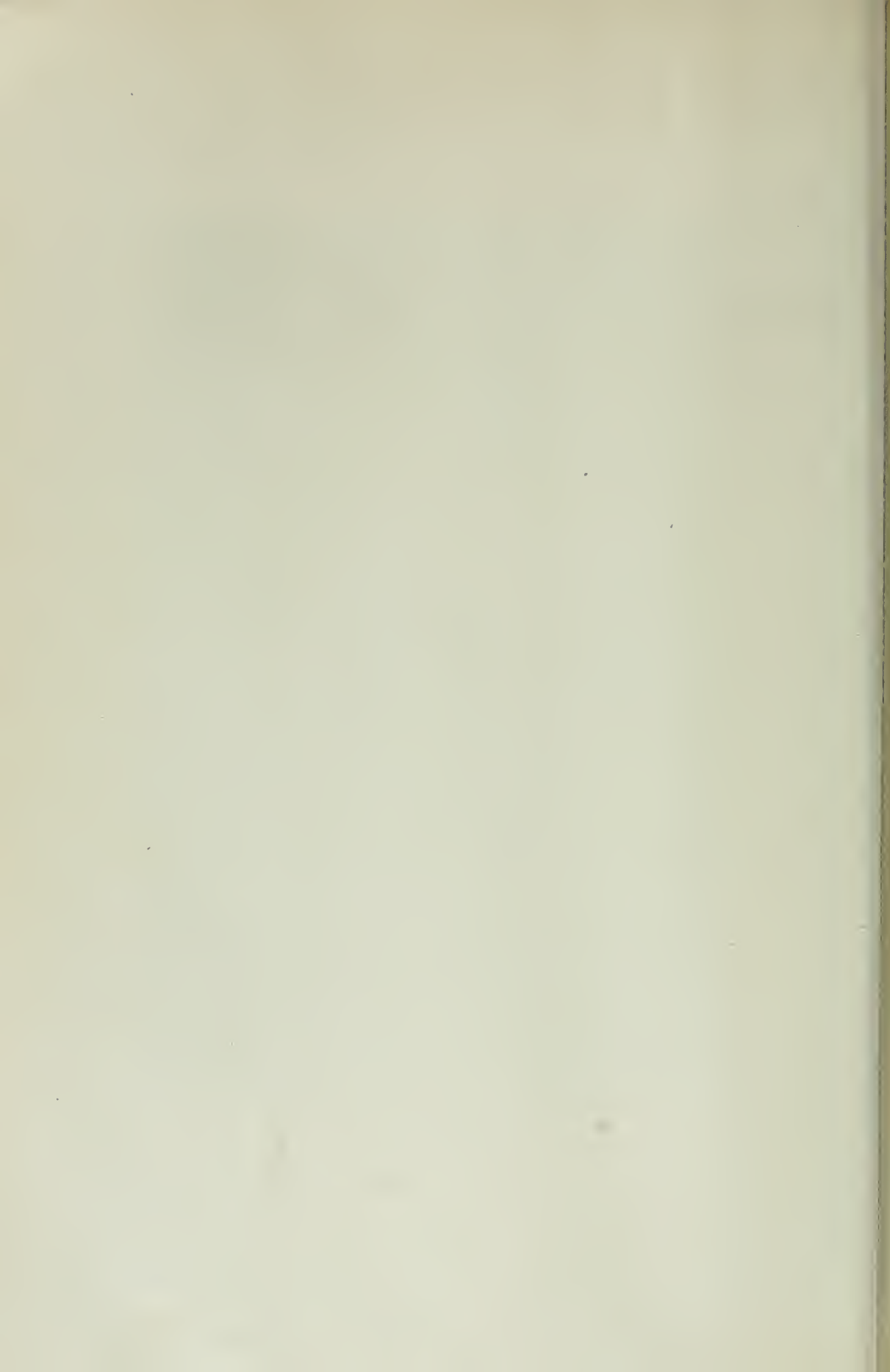
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Carpenter and Builder

Phone Mission 5126



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San Francisco

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1219 Buehn	Dulfer	2700	1278 Dvnnigan	Demarals	2000	Owner.....D. D. Shean, 2403 Clement,
1220 Gaffney	Denke	1690	1279 Van Bargaen	Schmidt	400	San Francisco.
1221 P F I Exp	Turner	14775	1280 Campbell	Campbell	16000	Architect...T. Rop Murray.
1222 Same	Lange	200240	1281 Shaprio	Loehr	400	Contractor...T. Roy Murray, 116 10th
1223 Makowski	Grahn	1400	1282 Fassio	Fassio	7500	Ave., San Francisco.
1224 Welsh	Welsh	3000	1283 Gunst	Levi	400	Filed Mar. 31, '13. Dated Mar. 19, '13.
1225 Bjorkman	Swanson	2000	1284 Heyman	Heyman	1750	Frame up
1226 Christen	Wilhelm	3000	1285 Jones	Lubbe	15000	Rough plaster on.....
1227 Pacific G & E	Graham	3000	1286 Gish	Gish	3200	Completed
1228 Schomberg	Hamerton	4250	1287 Losquutoff	Losquutoff	450	Usual 35 days.....
1229 Levy	Mowat	1400	1288 Real Ppty	Larsen	450	TOTAL COST, \$4638 50
1230 Cereghino	Brueck	1045	1289 Patzel	Truit	500	Bond, \$2300. Sureties, Elizabeth Murray
1231 Jacobs	Allen	1500	1290 Dennison	Metter	450	and A. J. Stevens. Limit, 90 days. For-
1232 Ulmer	Stephenson	1300	1291 Weber	Weber	500	feit, none. Plans and specifications filed
1233 Fisher	Born	12000	1292 Anderson	Anderson	850	
1234 Gianni	Laydon	4000	1293 Siebrecht	Glaser	750	(1194) NW FILBERT AND GOUGH N
1235 Mechanics Bank	Green	3009	1294 Thompson	Pearson	400	105xW 30 Grading, concrete, car-
1236 Bothin	Bothin	40000	1295 Neil	Neil	400	penter mill, lath, plaster and brick
1237 Crowley	Hicks & Folte	1999	1296 Besson	Guillon	400	work for alterations and additions for
1238 Schnaittacher	Wilhelm	31712	1297 West Coast Iron	Dyer	5350	three-story frame residence.
1239 Same	Brandon	4588	1298 Same	Mortenson	4050	Owner.....David F. and Mary J. or
1240 Same	Spencer	5400	1299 Same	Iron&Stl Constr	1893	Mary G. Capelli, NW Fil-
1241 Mt. Zion	Grassl	8175	1300 Weinstock	Woodlridge	780	bert and Gough, S. F.
1242 Same	Sutton	2480				Architect...John J. Foley, 46 Kearny,
1243 Same	Zelinsky	8280				San Francisco.
1244 Rity & Rebld	MacDonald	153900				Contractor...J. J. Heaphy, '721 Lom-
1245 Linden	Skelly	1220	(1182) S CLAY 50 E Montgomery E 30			hard, San Francisco.
1246 White	White	3000	xS 59-6. Excavation, concrete, steel,			Filed Mar. 31, '13. Dated Mar. 22, '13.
1247 Mattsson	Mattson	1500	iron, granite, brick, metal furring,			Frame up
1248 Hart	Hart	3400	lath, plaster, marble, tiling, carpentry,			Brown coated
1249 Ware	Elvin	450	ornamental iron, bronze, glazing,			Completed and accepted.....
1250 Donahue	Smith	400	painting, galvanized iron, roofing,			Usual 35 days.....
1251 McGrath	McGrath	1000	electric work, plumbing, etc., for two-			TOTAL COST, \$3000
1252 Curley	Curley	650	story Class "A" bank building.			Bond, \$1500. Sureties, A. F. Mahony
1253 Ciravallo	Ciravallo	600	Owner.....The Bank of Italy, SE Clay			and Chas. Van Damme. Limit, 45 days.
1254 Wing Lee	Wing Lee	500	and Montgomery, S. F.			Forfeit, none. Plans and specifications
1255 McGilfine	Brueck	300	Architect...W. D. Shea, 244 Kearny,			filed.
1256 San Mateo Diary	Berg	750	San Francisco.			
1257 Hagan	Hagan	2700	Contractor...Lange & Bergstrom, Shar-			
1258 Foley	Cole	5378	on Bldg., San Francisco.			
1259 Kaiser	Rugg	4600	Filed Mar. 31, '13. Dated Mar. 29, '13.			
1260 Westgate	Glasry	1754	On list of each month.....			
1261 Margaretis	Hamill	1875	Usual 35 days.....			
1262 Rovere	Cuneo	5850	TOTAL COST, \$35,106			
1263 McGilfine	Kinn	7032	Bond, none. Limit, 150 days. Forfeit,			
1264 Wiencke	Hawb	1895	none. Plans and specifications filed.			
1265 Same	McMullin	8875				
1266 Richman	Richman	500	(1193) SW TWENTY-FIFTH AVE &			
1267 Petersen	Petersen	1250	Clement. All work except shades for			
1268 Prizolara	Prizolara	1800	two-story frame building (store and			
1269 Schrader	Schrader	850	flats.)			
1270 Scheid	Healing	400				
1271 Schira	Nimmo	406				
1272 Sullivan	Sullivan	400				
1273 Wilson	Dewar	400				
1274 Weinberg	Cohen	1800				
1275 P F I Exp	Healy	49815				
1276 Speckels	Grussell	8494				
1277 Lankershim	MacDonald	200000				

Two-story and basement frame residence.
Owner.....C. Howe, 110 Ord, S. F.
Architect...None.
Day's work. COST, \$3000

(1213) NO. 686 PARIS. Raise dwelling and build concrete foundation and floor.
Owner.....F. C. Walter, Premises.
Architect...None.
Day's work. COST, \$450

(1214) S STAPLES 100 E Genesee. One-story and basement frame residence.
Owner.....Moneta Investment Co., 918 Crocker Bldg., S. F.
Architect...None.
Contractor...Oscar Braham, 470 Mangels Ave., San Francisco.
COST, \$1500

(1215) S STAPLES 125 E Genesee. One-story and basement frame residence.
Owner.....Moneta Investment Co., 918 Crocker Bldg., S. F.
Architect...None.
Contractor...Oscar Braham, 470 Mangels Ave., San Francisco.
COST, \$1900

(1216) S MISSION 91-8 E Main E 45-10xS 137-6. All work for one-story brick building (plating works.)
Owner.....Mrs. E. N. Huntington, 1905 Ashby Ave., Berkeley.
Architect...W. H. Wharff, 1801 Milvia, Berkeley.
Contractor...Frank Lindsay, 110 Jessie, San Francisco.
Filed Apr. 1, '13. Dated Apr. 1, '13.
Brick walls up.....\$1612.50
Roof completed.....1612.50
Completed and accepted.....1612.50
Usual 35 days.....1612.50
TOTAL COST, \$6450.00

Bond, \$1625. Sureties, Chas. M. and Edith B. Lindsay. Limit, 30 days. Forfeit, none. Plans and specifications filed

(1217) SE MARKET 225-1½ NE 7th SE 100xNE 50-2. All work for one-story brick store building.
Owner.....San Christina Investment Co., 1st National Bank Bldg San Francisco.
Architect...Miller & Colmesnil, Lick Bldg., San Francisco.
Contractor...J. D. Hannah, Monadnock Bldg., San Francisco.
Filed April 1, '13. Dated Mar. 26, '13.
Payments monthly of.....75%
Usual 35 days.....25%
TOTAL COST, \$3500

Bond, \$5000. Sureties, J. S. Hannah and G. W. Cushing. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1218) N O'FARRELL 137-6 E Powell E 87-6xN 137-6. Structural steel and iron, cast iron and wrought iron and erection of same for steel frame and reinforced concrete Class "A" theatre building.
Owner.....G. M. Anderson, St. Francis Hotel, San Francisco.
Architect...O'Brien & Werner, Foxcroft Bldg., San Francisco.
Contractor...Central Iron Works, 651 Florida, San Francisco.
Filed April 1, '13. Dated Mar. 27, '13.
Payments 1st of each month of 75%
Usual 35 days.....25%
TOTAL COST, \$27,250

Bond, \$13,625. Sureties, George S.

Owner.....J. W. Atkinson, Alaska Commercial Bldg., S. F.
Architect...E. A. Mathews, Phelan Bldg., San Francisco.
Contractor...E. T. Leiter, 180 Jessie, San Francisco.
COST, \$28,500

(1202) W LIEBIG, bet. Mission and San Jose Ave. Two-story and basement frame residence.
Owner.....John Trollman, 20 Liebig, San Francisco.
Architect...None.
Day's work. COST, \$1000

(1203) NW ANDERSON & JEFFERSON Two-story and basement frame dwlg.
Owner.....Emil Johnson, 105-A Fair Oaks, San Francisco.
Architect...None.
Day's work. COST, \$1000

(1204) SW EIGHTEENTH & ILLINOIS Erect fence and wall for tank.
Owner.....American Oriental Oil Co., 263 California, S. F.
Architect...None.
Contractor...J. Koschnitzki, 1321 12th Ave., San Francisco.
COST, \$400

(1205) NO. 1819 CASTRO. Add two rooms.
Owner.....Gust Pearson, Premises.
Architect...None.
Day's work. COST, \$500

(1206) E ELEVENTH AVE 175 S Clement. Raise, add two rooms and concrete foundation for dwelling.
Owner.....Mr. Hageman, 483 6th Ave., San Francisco.
Architect...None.
Contractor...McKillop & Ragdale, 540 Anza, San Francisco.
COST, \$500

(1207) N CARMEL 125 E Cole. One and one-half-story and basement frame residence.
Owner.....Andrew Lyon, 182 Liberty, San Francisco.
Architect...None.
Day's work. COST, \$3000

(1208) S HILL 178-2½ E Sanchez. One and one-half-story and basement frame dwelling.
Owner.....Geo. T. Demming, 970 Valencia, San Francisco.
Architect...None.
Contractor...C. Goltzene, 3 Vickshurg, San Francisco.
COST, \$1000

(1209) SE FIFTEENTH & KANSAS. Erect steel signs.
Owner.....J. I. Case T. M. Co.
Architect...C. M. Adams, Racine, Wis.
Day's work. COST, \$400

(1210) N GEARY 90 E Palm Ave. Two story and basement frame residence.
Owner.....Frank Pegel, 366 10th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4600

(1211) NO. 777 HOWARD. Erect brick foundation and repair saloon.
Owner.....Eritz Pohn, Premises.
Architect...None.
Contractor...John W. Welsing, 825 Howard, San Francisco.
COST, \$500

(1212) E FOURTH AVE 60 S Balboa.

Owner.....B. Hersch and E. Heskins, 1363 Fillmore, S. F.
Architect...Philipp Schwerdt Co., Phelan Bldg., San Francisco.
Contractor...Camp & Carillon, 4075 17th, San Francisco.

Filed Mar. 31, '13. Dated Mar. 29, '13.
Foundation and basement walls done.....\$1050
Completed.....550
Usual 35 days.....550

TOTAL COST, \$2150
Bond, \$1200. Sureties, Val Franz and Jno. Cassaretto. Limit, 30 days. Forfeit, none. Plans and specifications filed

(1196) BRICK, CARPENTER, GLAZING, plaster, etc., on above.
Contractor...Munster & Bornholdt.
Filed Mar. 31, '13. Dated Mar. 29, '13.
Brick walls up to 6th floor level, \$3480
Brick work and roofing done, all blind floors laid, bay windows framed and -60% of galvanized iron work done.....3480
Brown coated and sheet metal work done.....\$3480
Standing finish done.....3480
Completed and accepted.....3480
Usual 35 days.....5800

TOTAL COST, \$23,200
Bond, \$12,000. Sureties, Chas. A. Carillon and Henry Peters, Limit, 120 days after structural steel set. Forfeit, \$10. Plans and specifications filed.

(1197) W THIRTY-SECOND AVE 565 N California N 5 N 31-2½ W 113-9½ S 35 E 120 Lot 64 Lyon & Hoags Sub. Bakers Beach Land Co.; also S line Lot 65 Bakers Beach Land Co map Lyon & Hoags Sub 113-9½ W 32d Ave and 600 N California W 20-5 6-8 S 3 deg 02 min E 203-3 N 202-2½ Lot 76 above map. All work except lath and plaster, concrete floor work for two-story frame residence and one-story frame garage.
Owner.....Jno. T. Murphy.
Architect...John T. Carter, 243 Balboa Bldg., San Francisco.
Contractor...Kronnick Bros, 1656 O'Farrell, San Francisco.

Filed Mar. 31, '13. Dated Mar. 29, '13.
As work progresses.....75%
Usual 35 days, 25%.....\$1287.50
TOTAL COST, \$5150.00

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(1198) SE FOURTH AND HOWARD. Erect enclosures.
Owner.....Joe Torrero.
Architect...None.
Contractor...Brunswick-Balke-Collender, 20th and Harrison, San Francisco.
COST, \$400

(1199) N SANTA YSABEL 150 E San Jose. One and one-half-story and basement frame residence.
Owner.....James P. Fletcher, 210 Lick Bldg., San Francisco.
Architect...None.
Day's work. COST, \$1800

(1200) N REVERE 200 W Kelth. One story and basement frame residence.
Owner.....P. Petersen, 1461 20th Ave., San Francisco.
Architect...None.
Contractor...A. Petersen, 1180 Dolores, San Francisco.
COST, \$1900

(1201) N JACKSON 80 W Spruce. Two story and basement and attic brick dwelling.

Green and Natale Olivotti. Limit, July 1, 1913. Forfeit, \$100. Plans and specifications filed.

(1219) LOT 11 BLK "E" French and Gilman Tract on S Richland Ave 250 W Mission. All work for one and one-half-story frame cottage.

Owner.....Frank Buehn, 377 London, San Francisco.

Architect...None.

Contractor...W. F. Dulfer, 519 15th Ave San Francisco.

Filed April 1, '13. Dated Mar. 31, '13.

Roof rafters in place..... 1/4

Brown coated 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$2700

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed

(1220) SE BRODERICK & WASHINGTON S 30 E 29 N 1 E 40-9 N 29 N 69-9. All work for alterations and additions to frame building.

Owner.....George and Mrs. G. Gaffney 2998 Washington, S. F.

Architect...E. H. Denke, 1317 Hyde, San Francisco.

Contractor...F. G. Denke, Baker and Grove, San Francisco.

Filed April 1, '13. Dated April 1, '13.

Rear porch work in dining room

done\$632.50

Completed and accepted..... 632.50

Usual 35 days..... 425.00

TOTAL COST, \$1690.00

Bond, none. Limit, 90 days. Forfeit, \$1. Specifications only filed.

(1221) EXPOSITION GROUNDS. Sewers plumbing and water pipes for Education Building.

Owner.....Panama-Pacific International Exposition Co.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor...The Turner Co, 278 Natoma San Francisco.

Filed April 1, '13. Dated Mar. 21, '13.

As work progresses..... 75%

Usual 35 days..... 25%

TOTAL COST, \$14,779

Bond, \$8000. Surety, New England Casualty Co. Limit, 200 days. Forfeit, \$10. Plans and specifications filed.

(1222) ALL WORK EXCEPT PILE work and plumbing on above.

Contractor...Lange & Bergstrom, Sharon Bldg., San Francisco.

Filed April 1, '13. Dated Mar. 28, '13.

Payments same as above.....

TOTAL COST, \$200,240

Bond, \$105,000. Surety, Aetna Accident & Liability Co. Limit, 200 days. Forfeit, \$100. Plans and specifications filed

(1223) E PARIS 150 N Geneva. One-story and basement frame dwelling.

Owner.....J. B. Makowski, 2235 Bryant, San Francisco.

Architect...None.

Contractor...Wm. H. Grahn, 3008 Harrison, San Francisco.

COST, \$1400

(1224) E TWENTY-SECOND AVE 350 S Lake. Two-story and basement frame residence.

Owner.....James Welsh, 244 20th Ave. San Francisco.

Architect...O. E. Evans, 2132 Mission, San Francisco.

Day's work. COST, \$2000

(1225) W THIRTEENTH AVE 150 N Kirkham. Two-story and basement frame residence.

Owner.....John Bjorkman, 4077 23rd, San Francisco.

Architect...None.

Contractor...Oscar Swanson, 4066 18th, San Francisco.

COST, \$2000

(1226) W ORANGE ALLEY 101 S 25th. Two-story frame milk dairy.

Owner.....J. A. Christen & Sons, 1427 Valencia, San Francisco.

Architect...None.

Contractor...A. H. Wilhelm, 180 Jessie, San Francisco.

COST, \$3000

(1227) S STEVENSON 315 W Third. One-story brick garage.

Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.

Architect...General Constr. Dept., Grant Bldg., S. F.

Contractor...David Graham, 693 Mission, San Francisco.

COST, \$8000

(1228) E CHATTANOOGA 130 N 24th. Two-story and basement frame (2) flats.

Owner.....William Schomberg, 269 Chattanooga, S. F.

Architect...None.

Contractor...Wm. C. Hamerton & Son, 1301 Waller, San Francisco.

COST, \$4250

(1229) NO. 1054 HYDE. Raise and add to cottage.

Owner.....Mrs. Levy, Premises.

Architect...Kidd & Anderson, 251 Kearny, San Francisco.

Contractor...T. Mowat, 2135 Market, San Francisco.

COST, \$1400

(1230) W SAN BRUNO 68 N Sillman. Erect girder and joists.

Owner.....Creghino Estate, 2440 San Bruno, San Francisco.

Architect...None.

Contractor...M. Brueck, 600 Charter Oak Ave., San Francisco.

COST, \$1045

(1231) W NEWTON 75 S Rolph. One-story and basement frame dwelling.

Owner.....Mrs. W. M. Jacobs, 4587 Mission, San Francisco.

Architect...None.

Contractor...Allen Bros., 4525 Mission, San Francisco.

COST, \$1500

(1232) E NAPLES 175 S France. One-story and basement frame dwelling.

Owner.....W. S. Ulmer, 4829 Mission, San Francisco.

Architect...None.

Contractor...Stephenson & Parry, 222 Raymond Ave., S. F.

COST, \$1300

(1233) LOT NO. 3 WEST CLAY PARK Tract. Three-story and basement frame residence.

Owner.....B. Fisher, 660 Market, S. F.

Architect...None.

Contractor...Geo. A. Born, 660 Market, S. F.

COST, \$12,000

(1234) SE DAVIDSON & LANE AVE. Pile foundation and hog corral.

Owner.....G. Gianni, Colma.

Architect...None.

Contractor...Darby Laydon, 1522 Golden Gate Ave., San Francisco.

COST, \$4000

(1235) NE MARKET AND MASON.

Erect electric sign (metal).

Owner.....Mechanics' Bank Bldg., Cr. Baldwin & Howell, S. F.

Architect...None.

Contractor...J. Chas. Green, 275 Valencia, San Francisco.

COST, \$3000

(1236) SE POLK AND GREEN. Four story brick and concrete stores and apartments.

Owner.....Bothin Real Estate Co., 604 Mission, San Francisco.

Architect...J. A. Ettler, 604 Mission, San Francisco.

Day's work. COST, \$40,000

(1237) SE BUSII & CHELSEA PLACE E 39-6xS 82-6. Electrical work for six-story and basement Class "C" apartment building.

Owner.....Dr. T. J. Crowley and H. P. Stoltzenberg, 665 Fillmore, San Francisco.

Architect...Righetti & Headman, Phelan Bldg., San Francisco.

Contractor...Hicks & Folte, 320 Market, San Francisco.

Filed April 2, '13. Dated Mar. 17, '13.

Roughed in\$749.50

Completed and accepted..... 749.50

Usual 35 days..... 500.00

TOTAL COST, \$1999.00

Bond, \$499.75, owner; \$499.75 material men. Surety, National Surety Co. Limit, May 4, 1913. Forfeit, \$20. Plans and specifications filed.

(1238) SE CALIFORNIA & GOUGH E 72xS 100- Carpenter, sheet metal, glazing, marble, plaster, etc., for three-story and basement Class "C" building (hotel).

Owner.....Sylvain Schnalttacher, 1st National Bank Bldg., S. F.

Architect...Owner.

Contractor...A. H. Wilhelm, 180 Jessie, San Francisco.

Filed April 2, '13. Dated Mar. 25, '13.

Roof on\$5951

Brown coated 5952

Standing finish on..... 5951

Completed and accepted..... 5952

Usual 35 days..... 7936

TOTAL COST, \$31,742

Bond, \$15,871. Sureties, Henry Wilson and A. B. Johnson. Limit, 150 days. Forfeit, \$25. Plans and specifications filed.

(1239) MASON WORK ON ABOVE.

Contractor...Brandon & Lawson, 180 Jessie, San Francisco.

Filed April 2, '13. Dated Mar. 25, '13.

On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$4588

Bond, \$2294. Sureties, F. J. W. Anderson and Vincent J. Donovan. Limit, as fast as required. Forfeit, \$25. Plans and specifications filed.

(1240) PLUMBING, SEWERING AND gas fitting on above.

Contractor...Spencer Plumbing Co., 251 Stevenson, San Francisco.

Filed April 2, '13. Dated Mar. 25, '13.

Payments same as above.....

TOTAL COST, \$5400

Bond, \$2700. Surety, The Aetna Accident & Liability Co. Limit, as fast as required. Forfeit, \$25. Plans and specifications filed.

(1241) NW POST AND SCOTT N 165 W 192-6 S 55 E 55 S 110 E 137-6.

Terrazzo flooring, steps base, border, cross border strips and wainscoting

for hospital building and separate laundry and boiler house.

Owner.....Mount Zion Hospital.
Architect...J. E. Kraft & Sons, Phelan Bldg., San Francisco.

Contractor..P. Grassl & Co., 145 Te-
hama, San Francisco.

Filed April 2, '13. Dated Mar. 18, '13.
One-third work done.....\$2000
Two-thirds work done..... 2000
Completed and accepted..... 2125
36 days after..... 2050

TOTAL COST, \$8175

Bond, \$4200. Surety, Title Guaranty &
Surety Co. Limit, Aug. 1. Forfeit, \$30
Plans and specifications filed.

(1243) CERAMIC FLOOR TILING IN
corridors on above.

Contractor..John G. Sutton Co., 243
Minna, San Francisco.

Filed April 2, '13. Dated Mar. 18, '13.
1/2 of ceramic floor tiling done.....\$900
Completed and accepted..... 960
36 days after..... 620

TOTAL COST, \$2450

Bond, \$1300. Surety, Pacific Coast
Casualty Co. Limit, Aug. 15. Forfeit,
\$30. Plans and specifications filed.

(1243) PAINTING AND WOOD FIN-
ishing, etc., on above.

Contractor..D. Zelinsky, 564 Eddy,
San Francisco.

Filed April 2, '13. Dated Mar. 18, '13.
Exterior one coat and interior
two coats except basement.....\$2200
Interior wood and metal has
final coat and plastered part has
two coats 2300
Completed and accepted..... 1710
Usual 35 days..... 2070

TOTAL COST, \$2850

Bond, \$4200. Surety, American Bonding
Co. of Baltimore. Limit, Sept. 15. For-
feit, \$30. Plans and specifications filed.

(1244) FILLMORE, bet Turk and Eddy
Modifying specifications for lath and
plaster in contract dated and filed
January 14, 1913 for erection of a 4-
story apartment building.

Owner.....Realty & Rebuilding Co.
Architect...Miller & Colmesnil, Lick
Bldg., San Francisco.

Contractor..Macdonald & Kahn, Rialto
Bldg., San Francisco.

Filed April 2, '13. Dated —
Payments as provided in original
contract

TOTAL COST not to exceed \$152,900
Bond, limit, forfeit, none. Plans and
specifications, none.

(1245) W FILLMORE, bet. Pixley and
Greenwich Plumbing for three-story
frame apartments and stores.

Owner.....Carl Maier.

Architect...Banks & Copeland, 333
Kearny, San Francisco.

Contractor..Wm. Linden, 110 Jessie,
San Francisco.

Sub-Contractor..Thos. Skelly, 660
Precita Ave., San Francisco.

Filed April 2, '13. Dated Mar. 29, '13.
Roughed in\$600

Completed and accepted..... 315
Usual 35 days..... 305

TOTAL COST, \$1220

Bond, \$610. Surety, National Surety Co.
Limit, forfeit, plans and specifications,
none.

(1246) W MISSION 52 S Leo. Two-
story and basement frame store and
flat.

Owner.....J. G. White, 475 London,
San Francisco

Architect...None.
Day's work..... COST, \$3000

(1247) W NEWTON 150 S Morse. One
story and basement frame residence.
Owner.....Albert Mattson, 3919 Fol-
son, San Francisco.

Architect...None.
Day's work..... COST, \$1500

(1248) S VERONA 186-6 E Third. Two
story and basement frame flats.
Owner.....Peter Hart, 800 Mississippi,
San Francisco.

Architect...None.
Day's work..... COST, \$3400

(1249) MARKET, DOLORES AND 14TH
Erect lumber shed.

Owner.....Ware-Hodgkins Lumber Co
2005 Howard, S. F.

Architect...None.
Contractor..F. Elvin, 4017 18th, S. F.
COST, \$450

(1250) NO. 1215 FILLMORE. Erect
shelves and counter.

Owner.....H. Donahue, Turk and
Pierce, San Francisco.

Architect...None.
Contractor..Wm. Smith, 128 Colling-
wood, San Francisco.

Day's work..... COST, \$400

(1251) W EDINBURGH 125 N Geneva.
One-story and basement frame dwlg.
Owner.....W. D. McGrath, 2315 How-
ard, San Francisco

Architect...J. C. Brown, Foot of 7th
Ave, East Oakland.
Day's work..... COST, \$1000

(1252) NO. 641 IRVING. New front and
lower store.

Owner.....J. P. Curley, 1000 Potrero
Ave., San Francisco.

Architect...W. C. Gilligan, 1655 12th
Ave, San Francisco.

Day's work..... COST, \$650

(1253) NO. 380 UNION. Raise and re-
pair residence.

Owner.....Antonio Ciravallo, Prem.
Architect...Paul De Martin, 451 Col-
umbus Ave., San Francisco.

Day's work..... COST, \$600

(1254) NO. 13 EMERSON. Repair fire
damage.

Owner.....Wing Lee, Premises.
Architect...None.

Contractor..Fred Field.
COST, \$500

(1255) NO. 1217 HOWARD. Brick
foundation and remove floor
Owner.....Mrs. McGiffine, 908 Steiner,
San Francisco.

Architect...None.
Contractor..Michael Brueck, 600 Chart-
er Oak, San Francisco.

Day's work..... COST, \$400

(1256) E NATOMA 100 S 14th. Repair
stable and shed.

Owner.....August Berg & San Mateo
Meeto County Dairy, 1813
Howard, San Francisco.

Architect...None.
Day's work..... COST, \$750

(1257) S CUMBERLAND 105 E Noe.
Two-story and basement frame resi-
dence.

Owner.....Nils N. Hagan, 377 Cum-
berland, San Francisco.

Architect...None.
Day's work..... COST, \$2700

(1258) S LINCOLN WAY 45 E 12th Ave
S 100xW 45 OL 662. All work except
painting for two-story frame build-
ing (store and dwelling.)

Owner.....Daniel and Mary V. Foley.
Architect...Welsh & Carey, Merchants'
National Bank Bldg., S. F.

Contractor..P. J. Cole, 1364 12th Ave.,
San Francisco.

Filed April 3, '13. Dated Mar. 27, '13.

Frame up and enclosed.....\$1000
Brown coated 1250

Inside and outside plaster done 750
Completed and accepted..... 1033

Usual 35 days..... 1345

TOTAL COST, \$5375

Bond, \$2689. Surety, The Title Guar-
anty & Surety Co. Limit, 100 days.
Forfeit, \$10. Plans and specifications
filed.

(1259) S SEVENTEENTH 200 E Do-
lores 25x100. All work except exca-
vating for two-story frame flats.

Owner.....Margaret A. Kaiser.
Architect...None.

Contractor..Ruegg Bros., Pacific Bldg.,
San Francisco.

Filed April 3, '13. Dated Mar. 26, '13.

Frame up and enclosed.....\$1150
Brown coated 1150

Completed and accepted..... 1150
Usual 35 days..... 1150

TOTAL COST, \$4600

Bond, none. Limit, 70 days. Forfeit,
\$5. Plans and specifications filed.

(1260) ST. FRANCIS WOOD. All work
for the Circle Fountain.

Owner.....Westgate Park Company.
Architect...John Galen Howard, 604
Mission, San Francisco.

Contractor..Gass Bros.
Filed April 3, '13. Dated April 2, '13.

Monthly installments of..... 75%

36 days after..... 25%

TOTAL COST, \$1754

Bond, \$877. Surety, National Surety Co.
Limit, 60 days after street work ready.
Forfeit, \$10. Plans and specifications
filed.

(1261) NO. 277 TWENTY-FIFTH AVE.
All work for alterations and ad-
ditions of a frame building into 2 flats.

Owner.....George Margaretis, Prem.
Architect...None.

Contractor..Thos. Hamill, 268 25th
Ave., San Francisco.

Filed April 3, '13. Dated Mar. 26, '13.

House raised and ready for lath-
ing\$468 75

Brown mortar on..... 468 75

Completed 468 75

Usual 35 days..... 468 75

TOTAL COST, \$1875 00

Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1262) E JONES 75 S Chestnut S 25x
E 137-6. All work except painting,
shades, mantels and gas fitting for
three-story and basement frame flats.

Owner.....Victor Rovere, 2342 Jones,
San Francisco.

Architect...None.
Contractor..Wm. J. Cuneo, 686 Capp,
San Francisco.

Filed April 3, '13. Dated Mar. 25, '13.

Rough frame up\$1462

Brown coated 1462
Completed and accepted..... 1462

Usual 35 days..... 1462
TOTAL COST, \$5850
 Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1263) NW TAYLOR AND POST W 60 xN 30. Plumbing, sewerage and gas fitting for eight-story reinforced brick building.

Owner.....B. Hersch & B. Heskins, 1363 Fillmore, S. F.
 Architect...Philipp Schwerdt Co., Phe-lan Bldg., San Francisco.
 Contractor..Frank J. Klimm, 221 Oak, San Francisco.

Filed April 3, '13. Dated April 3, '13.
 Roughing in done.....\$3500
 Completed and accepted..... 1766
 Usual 35 days..... 1766
TOTAL COST, \$7032

Bond, \$4000. Sureties, Jeremiah Donovan and David Lyons. Limit, without delay. Forfeit, \$15. Plans and specifications filed.

(1265) S OAK 156-3 W Clayton W 50x S 137-6. Plumbing, sewerage, gas and water piping, service connections, cleaning old fixtures for alterations and additions to three-story and basement frame apartment building.

Owner.....Robt. Wieneke, 1655 Oak, San Francisco.
 Architect...L. M. Weismann & Son, Pacific Bldg., S. F.
 Contractor..George Haub, 1945 Union, San Francisco.

Filed April 3, '13. Dated Mar. —, '13.
 Plumbing roughed in.....\$946
 Plumbing completed and ac-
 cepted..... 473
 Usual 35 days..... 473
TOTAL COST, \$1893

Bond, \$946. Sureties, Antone Zietlich & Chas. Schlesinger. Limit, forfeit, none. Plans and specifications filed.

(1266) ALL WORK EXCEPT PLUMB-
 ing, etc., on above.
 Contractor..C. E. McMullin & Co., 534 Cole, San Francisco

Filed April 3, '13. Dated Mar. 6, '13.
 Ready for plaster.....\$1600
 Brown coated..... 1100
 White coated..... 1000
 Standing finish on..... 1255
 Completed and accepted..... 1700
 Usual 35 days..... 2220
TOTAL COST, \$5875

Bond, \$4438. Sureties, J. W. Schouten and J. H. McCallum Limit, 70 days after March 10. Forfeit, none. Plans and specifications filed.

NOTE:—First report March 27, No. 1145

(1266) NO. 971 KANSAS. Alter and repair dwelling.
 Owner.....P. Richman, Premises.
 Architect...None.
 Day's work..... **COST, \$500**

(1267) N REVERE 200 W Keith. One-story and basement frame dwelling.
 Owner.....P. Petersen, 1461 20th Ave., San Francisco.

Architect...None.
 Day's work..... **COST, \$1250**

(1268) E WETMORE 112-6 S Wash-
 ington. One-story and basement
 frame residence.

Owner.....A. L. Brizzolara, San An-
 selmo, Marin County.
 Architect...None.
 Day's work..... **COST, \$1800**

(1269) NOS. 3119 TO 3123-A JACKSON
 Alter flats.
 Owner.....John Schraeder, 1148 Shot-

Architect...E. A. Newmarkel, 948 Mar-
 ket, San Francisco.
 well, San Francisco.
 Day's work..... **COST, \$850**

(1270) NO. 1908 BROADWAY. Repair
 front and roof.
 Owner.....O. Schield, Premises.
 Architect...None.

Contractor..G. Healing, 3665 Sacra-
 mento, San Francisco.
COST, \$400

(1271) NO. 560 PACIFIC. Alter dance
 hall.
 Owner.....Frank Schiva, Premises.
 Architect...None.

Contractor..Geo. Nimmo, 634 Clay,
 San Francisco.
COST, \$400

(1272) NO. 634 NAPLES. Finishing
 residence.
 Owner.....John Sullivan, Premises.
 Architect...None.

Day's work..... **COST, \$850**

(1273) N POST 30 E Kearny. Repair
 saloon.
 Owner.....J. J. Wilson, Premises.
 Architect...None.

Contractor..R. W. Dewar & Son, 180
 Jessie, San Francisco.
COST, \$400

(1274) S SILLIMAN 30 W Bowdin.
 Two-story frame store and flat.
 Owner.....W. Weinberg, 703 Silliman,
 San Francisco.

Architect...R. W. Caryon, 513 Fulton,
 San Francisco.
 Contractor..Frank Cohen.
COST, \$1800

(1275) EXPOSITION GROUNDS. File
 foundation for Transportation Bldg.
 Owner.....Panama-Pacific Interna-
 tional Exposition Co.

Architect...None.
 Contractor..Healy-Tibbitts Constr. Co.,
 9 Main, San Francisco.

Filed April 4, '13. Dated Mar. 31, '13.
 Payments as work progresses.. 75%
 Usual 35 days..... 25%
TOTAL COST, \$49,815

Bond, \$27,500. Surety, Globe Indemnity
 Co. of New York. Limit, 90 days. For-
 feit, \$50. Plans and specifications filed.

(1276) N VALLEJO 99 W Laguna W
 106xN 137-6. All work for alterations
 and additions to two residences.

Owner.....Mrs. Alma Spreckels, 2100
 Vallejo, San Francisco.
 Architect...G. A. Applegarth, Call Bldg
 San Francisco.

Contractor..Herman Grussel, 110 Jessie,
 San Francisco.

Filed April 4, '13. Dated Mar. 27, '13.
 When W house completed.....\$2287
 Usual 35 days..... 2287
 When E house completed..... 1940
 Usual 35 days..... 1980
TOTAL COST, \$8494

Bond, none. Limit, W house 65 days
 after April 1; E house 65 days after set
 on lot. Forfeit, none. Plans and specifi-
 cations filed.

(1277) N FIFTH AND JESSIE NW 75
 xNE 175. All work for seven-story
 Class "B" reinforced concrete hotel.

Owner.....Jas. Lankershim.
 Architect...Reid Bros., Cal-Pacific Bldg
 San Francisco.

Contractor..Macdonald & Kahn, Rialto
 Bldg., San Francisco.
 Filed April 4, '13. Dated Mar. 31, '13.
 On 10th of each month..... 75%

Usual 35 days..... 25%
COST not to exceed \$200,000 including
 5% for contractor.

Bond, \$150,000. Surety, Massachusetts
 Bonding & Insurance Co. Limit, Dec.
 31, 1913. Forfeit, \$100. Plans and specifi-
 cations filed.

(1278) SE MISSOURI & TWENTHETH
 E 25xS 100. Move present building
 back and erection of one-story frame
 building except excavation, cement
 foundation and floors.

Owner.....T. J. and Mary Dunnigan,
 1505 29th, San Francisco.

Architect...None.
 Contractor..B. W. Demarais, 732 Page,
 San Francisco.

Filed April 4, '13. Dated Mar. 20, '13.
 Roof on.....\$500
 Brown coated..... 500
 Standing trim up..... 500
 Usual 35 days..... 500
TOTAL COST, \$2000

Bond, none. Limit, 60 days after April
 1, 1913. Forfeit, none. Plans and specifi-
 cations filed.

(1279) NE CLAY AND SPRUCE. Erect
 elevator batch.

Owner.....Mrs. R. Van Bargaen, Prem.
 Architect...Ross & Burgren, California
 and Battery, S. F.

Contractor..L. Schmidt, 448 Jessie,
 San Francisco.
COST, \$100

(1280) S CALIFORNIA 80 E Hyde.
 Three-story and basement frame (18)
 apartments.

Owner.....J. V. Campbell, 1040 Bryant
 San Francisco.
 Architect...None.

Day's work..... **COST, \$16,000**

(1281) NO. 970 MARKET. Install
 window.

Owner.....Shapiro Bros., Premises.
 Architect...None.
 Contractor..Frank Locher, 115 Turk,
 S. F.
COST, \$400

(1282) S LOMBARD 110 W Baker.
 Three-story & basement frame hotel.
 Owner.....G. Fassio, 863 Vallejo,
 San Francisco.

Architect...None.
 Day's work..... **COST, \$7500**

(1283) SW THIRD AND MISSION.
 Alter front.

Owner.....M. A. Gunst & Co., Inc.,
 California and Front, S. F.
 Architect...None.

Contractor..S. Levi Fixture Shop, 146
 6th, San Francisco.
COST, \$100

(1284) NW HURON 100 SW Sicksles.
 One and one-half-story frame resi-
 dence.

Owner.....Oscar Heyman & Bro., 742
 Market, San Francisco.

Architect...None.
 Day's work..... **COST, \$1750**

(1285) NE BUSH AND TAYLOR. One-
 story brick garage.

Owner.....Jones & Lubbe, 175 18th
 Ave., San Francisco.
 Architect...O. D. Fairfield, 525 41st
 Ave., San Francisco.

Day's work..... **COST, \$15,000**

(1286) N WALBRIDGE 400 E County
 line. Three-story and basement frame
 electric plant.

(1287) C. H. Gish, 257 Falcon Ave.
Ave., San Francisco.
Architect...None.
Day's work. COST, \$3200

(1288) NO. 1035 DE HARO. Finish
basement and erect joists.
Owner...Fred Losquott, Premises.
Architect...None.
Day's work. COST, \$150

(1288) NO. 58 POST. Erect partition
and install door.
Owner...Real Property Invest. Co.,
1st National Bank, S. F.
Architect...None.
Contractor...Larsen & Larsen, 616-617
Crocker Bldg., S. F.
COST, \$450

(1289) E CAPITOL 100 S Holloway.
One-story and basement frame dwlg.
Owner...M. E. Pastel, 1046 Capitol
Ave., San Francisco.
Architect...None.
Contractor...J. H. Truitt, 174 Brighton
Ave., San Francisco.
COST, \$500

(1290) NOS. 8 AND 10 TREMONT AVE
Add one room.
Owner...A. L. Dennison, Vallejo,
California.
Architect...Oliver Everett, 1940 Web-
ster, San Francisco.
Contractor...L. Metter, 151 Albion Ave.,
S. F.
COST, \$450

(1291) W MATTICK 25 S Chenery.
One-story and basement frame resi-
dence.
Owner...H. Weber, 218 Miramar
Ave., San Francisco.
Architect...A. Weber, 218 Miramar
Ave., San Francisco.
Contractor...A. H. Weber, 218 Miramar
Ave., San Francisco.
COST, \$500

(1292) E GATES 165 S Courtland. One
story frame residence.
Owner...Edw. Anderson, 400 Banks,
San Francisco.
Architect...None.
Day's work. COST, \$850

(1293) SE ELLIS AND JONES. Install
brick oven.
Owner...A. Siebrecht, 167 7th Ave.,
San Francisco.
Architect...None.
Contractor...J. P. Glaser & Co., 2070
Union, San Francisco.
COST, \$750

(1294) NO. 2239 FILLMORE. Under-
pin residence.
Owner...Miss R. A. Thompson, 2561
Washington, S. F.
Architect...None.
Contractor...E. K. Pearson, 2362 Bryant,
San Francisco.
COST, \$400

(1295) NO. 846 RAIL ROAD AVE. Re-
pair damage to residence and store.
Owner...Dr. J. G. Neil, Premises.
Architect...None.
Day's work. COST, \$400

(1296) NO. 212 PINLEY. Add two
rooms and repair.
Owner...A. Besson, Premises.
Architect...None.
Contractor...Frank Guillon, 58 John,
San Francisco.
COST, \$400

(1297) COR SIXTEENTH AND RHODE
Island. Structural steel and cast iron
for furnace at plant.
Owner...The West Coast Iron Co.
Architect...None.
Contractor...Dyer Bros. Golden West
Iron Works, 17th and Kan-
sas, San Francisco.
Filed April 5, '13. Dated Mar. 10, '13.
When erected complete...\$3350
TOTAL COST, \$3350
Bond, limit, forfeit, none. Plans and
specifications filed.

(1298) STRUCTURAL STEEL AND
iron work for iron furnace shed on
above.
Contractor...Mortenson Constr. Co., 19th
and Indiana, San Francisco
Filed April 5, '13. Dated Mar. 4, '13.
On completion...75%
Usual 35 days...25%
TOTAL COST, \$4050
Bond, none. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

(1299) ONE STEEL SMOKE STACK,
anchor bolts, base plate, etc., on
above.
Contractor...The Iron & Steel Contract-
ing Co., 201 San Bruno Ave.
San Francisco.
Filed April 5, '13. Dated Mar. 10, '13.
Work completed...\$1893
TOTAL COST, \$1893
Bond, none. Limit, April 30. Forfeit,
none. Plans and specifications filed.

(1300) SW SIXTH AVE AND CALI-
fornia. Alterations to store room and
rooms.
Owner...Harris Weinstock, 538 Golden
Gate Ave., San Francisco.
Architect...None.
Contractor...L. C. Woolbridge, 315 28th
Ave., San Francisco.
Filed April 5, '13. Dated April 6, '13.
Grading and brick work done...\$390
Completed and accepted...390
TOTAL COST, \$780
Bond, limit, forfeit, none. Specifica-
tions only filed.

COMPLETION NOTICES.

San Francisco.

Mar. 28, 1913—N FIFTEENTH 203-3
E Dolores E 25 by a uniform depth
of 177-6. Patrick J & Ellen Burke
to Wm F Dreyer...Mar. 26, 1913
Mar. 29, 1913—E VAN NESS 125 N
Green N 47x E 185. Frederick Heine
to Louis Lee...Mar. 29, 1913
Mar. 29, 1913—SW NIAGARA 241.58
NW Mission 25x80-10. John B
Woolfrey and Louis J Roberts to
whom it may concern...Mar. 28, 1913
Mar. 29, 1913—SW NIAGARA AVE
266.58 NW — 25x80-10. John
B Woolfrey and Louis J Roberts to
whom it may concern...Mar. 28, 1913
Mar. 29, 1913—N ALVARADO 230 E
Noe E 25xN 114. Theodore Gibson
to whom it may concern...Mar. 28, '13
Mar. 29, 1913—N ALVARADO 205 E
Noe E 25xN 114. Theodore Gibson
to whom it may concern...Mar. 28, '13
Mar. 29, 1913—W DEVISADERO 82-6
N Grove 55x137-6. Henry & Pauline
Northrup to Isaac Penny...Mar. 24, '13
Mar. 31, 1913—E OCTAVIA 33-2 S
Lombard S 25xE 100. Guisepe Di
Resta to T Sciochetti & Co and G
D Volpatti...Mar. 27, 1913
Mar. 31, 1913—S CASSELLA AVE 81
SW Moss Alley SW 26xSE 75 Bik 11

Market St. Hd. Chas Danberg to
Chas Danberg...Mar. 31, 1913
Mar. 29, 1913—NE CALIFORNIA &
Leldesdorff E 30xN 124. The Liver-
pool & London & Globe Inc Co Ltd
to The Clinton Fireproofing Co...
Mar. 26, 1913
April 1, 1913—S WASHINGTON 175
W Taylor W 32-9x137-6. Metrop-
olis Investment Co to whom it
may concern...Mar. 31, 1913
April 1, 1913—N BROADWAY 65 W
Broderick W 60xN 137-6. Samuel
H Boardman to Butcher & Hadley
...Mar. 28, 1913
Mar. 31, 1913—E SEVENTH AVE 75
N Balboa 25x57-6. C C Martin to
M P Kempton...Mar. 22, 1913
April 1, 1913—NW BAY & COLUMBUS
Ave 63-8 on Bay and 99-7 on
Columbus Ave. Thos Q Swortfiguer
to J J McCleod and Graham & Jen-
sen...Mar. 5, 1913
April 1, 1913—N VALLEJO 60 E Ma-
son E 38-3 1/2 N 60 E 39-2 1/2 N 77-6
W 137-6 S 20 E 60 S 41-2 1/2 W 60 S
19-9 1/4 E 60 S 56-6. Thos Q Swort-
figuer to J J McCleod and Graham
& Jensen...Mar. 29, 1913
April 1, 1913—W WEBSTER 75 N
Sutter N 66-8xW100. Mathilde
Propfe to Ware-Hodgkins Co...
Mar. 29, 1913
April 1, 1913—N ANZA "A" 26-8 E
21st Ave E 26-8xN 100. S J Sterner
to whom it may concern...April 1, 1913
April 1, 1913—COMG. 75 S FAIR AVE
and 149 E Mission S 75xE 73; also
known as E Peters Ave 75 S FAIR
Ave. Joseph C Stromswold to whom
it may concern...Mar. 18, 1913
April 1, 1913—S SAN JOSE AVE 75 E
Tingley 25x120. Jos and Emella
Toboni to T Sciochetti & Co...
Mar. 31, 1913
April 3, 1913—SE GEARY & JONES
E 28-9xS 68-9. I Mensor to Central
Iron Works...Mar. 28, 1913
April 3, 1913—S BLUXOME 100 W 5th
W 80xS 250. Kaspar Pischel to
Pacific Fire Extinguisher Co...
Mar. 31, 1913
April 3, 1913—E OCTAVIA 56-3 S
Lombard S 25xE 100. P F and
Elizabeth Kane to E J Montgomery
...Mar. 31, 1913
April 3, 1913—NW GOLDEN GATE
Ave and Jones N 137-6xW 137-6. W
H Taylor Co to Martin Peterson...
April 1, 1913
April 3, 1913—N ELIZABETH 225 W
Hoffman Ave 25x114. John Hobbs
to Chas A Salter...April 3, 1913
April 3, 1913—S EIGHTEENTH 45 E
York 25x95. David De Marlino to
Antonio Perreccio & Co...April 3, 1913
April 1, 1913—N VALLEJO 60 E Ma-
son E 38-3 1/2 N 60 E 39-2 1/2 N 77-6
W 137-6 S 20 E 60 S 41-2 1/2 W 60 S
19-9 1/4 E 60 S 56-6. Thos Q Swort-
figuer to Graham & Jensen...
Mar. 29, 1913
April 3, 1913—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to B A Stewart...
Mar. 20, 1913
April 3, 1913—W NINETEENTH AVE
250 N Fulton W 120xN 25. Chas
Baubel and wife to Leigh & Schultz
April 4, 1913—S PACIFIC 137-6 W
Powell W 17xS 60. Caroline Ham-
shar to N F Nielsen...Mar. 25, 1913
April 4, 1913—N SUTTER, bet Mont-
gomery and Sansome. The Anglo &
London Paris National Bank,
lease to Williams Bros & Hender-
son...Mar. 27, 1917
April 4, 1913—N SUTTER 122-9 W

Sansome W 122-3xN 137-6. Chas Helbrook to Williams Bros & Henderson.....April 4, 1913
 April 4, 1913—S CLEMENT 57-6 W 12th Ave W 25xS 100. Lucy M and Walter A Granicher to L A Kern.....April 3, 1913
 April 4, 1913—W TWENTY-FIRST Ave 175 N Anza N 25xW 120. Wm A Speers to Byron J Hooper.....April 4, 1913
 April 4, 1913—LOT 539 Gift Map No. 3 Sven R Anderson to whom it may concern.....Mar. 29, 1913
 April 4, 1913—E NEVADA 50 N Powhattan Ave N 50 th 70 S 50 W 70 Lots 1091 and 1989 Gift Map No. 3. Joseph C Stromswold to whom it may concern.....April 4, 1913
 April 4, 1913—W MARKET & BRADY SW 75xSE 124. The Sierra Inv Co to J J Philbin.....April 4, 1913
 April 4, 1913—S JACKSON 110 W Gough W 125 S 127-8 1/4 th — N 127-8 1/4. Argo Invest Co to A Olson.....April 3, 1913
 April 4, 1913—W NINTH Ave 50 S Cabrillo S 50xW 95. Chas A Rush-ton to Chas A Rush-ton.....April 3, 1913

LIENS FILED.

San Francisco.

Mar. 28, 1913—E JONES 87-6 S Ellis S 50xSE 82-6. M J Terranova vs Bernard Altube and G Trevia and G B Pasqualetti.....\$1413.50
 Mar. 31, 1913—S JACKSON 107-6 W Montgomery W 50-6 S 9-3 SE 78-11 N 69-10 1/2. Western Iron Works vs Charles Magendle and F A Born.....\$1618.25
 April 1, 1913—SE MARKET 150-1 1/4 NE 7th SE 165-1xNE 75. C J Hillard Co vs Boston & SF Amusement Co and Jacob Stern.....\$2472.32
 April 1, 1913—S TWENTY-FOURTH and Noe S 57xW 80. T W Simmie vs The William Nichol Co and M A Little.....\$430
 April 1, 1913—N BROAD 170 E Capitol E 50xN 125. D W Ross vs I Imbeck.....\$42
 April 2, 1913—SE NATOMA & SIXTH. L V Roberts vs Hind & Co. Hind Estate Co, Edw C Hind and Braun-ton Bros.....\$514.70
 April 2, 1913—S JACKSON 6713 E Columbus Ave E 50-6 S 69-10 1/4 NW 78-11 N 9-3. McKee Bros vs F Born and G M Magendle.....\$150
 April 3, 1913—S JACKSON 6713 E Columbus Ave E 50-6 S 69-10 1/4 NE 78-11 N 9-3. Condon & Band vs Chas M Magendle and F A Born.....\$1210.60
 April 3, 1913—SW PINE & LAGUNA S 25xW 87-6 (Re-recorded). J H Kruse vs George Burich and R A Crothers.....\$234.64
 April 3, 1913—W FIFTEENTH Ave 175 N Balboa N 25xW 127-6. Chas Duthie vs J A Bowers, Walter J Fann as Bowers & Fann and Jessie W Sheehan.....\$64.70
 April 4, 1913—SW PINE & LAGUNA W 87-6xS 25. G H Oakley and Oakley Lumbar Co vs Geo Burich and R A Crothers.....\$235.96
 April 1, 1913—NW TWENTY-FIFTH and Castro N 89xW 80. Edw Daly, \$217; John Ferritor, \$1160 vs Chas E Reinhardt, Christiansen & Smith and Ayres Bros.....

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Roger Coit, 1522 Broadway. The dwelling will be similar to a great many other houses recently erected by Mr. Coit, and is to be erected on Grand avenue. The house will contain seven rooms and bath. Interior finish will be largely of pine with some elm panels in the dining and living rooms. There will be hardwood floors in the principal rooms. Furnace heat and open fire places will be used. Mantel will be of brick. Tile will be used in the bath and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, H. S. Butler, 63rd and Shattuck Ave., Oakland. The dwelling will be arranged for seven rooms, bath and sleeping porch. Interior will be finished in pine and some hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

RESIDENCE — 2 story and base, frame, \$6,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, A. B. Stephens. The dwelling has been mentioned in these columns before when plans were first prepared. The house has been designed to contain eight rooms, baths and sleeping porch. A garage will be erected in the rear. Interior finish will be of pine and hardwood with hardwood floors throughout. Two baths will be finished in tile. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the dwelling will be covered with rustic. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$2,000. Oakland, Cal. Architect, Al. J. Mazurette, 1522 Broadway, Oakland. Owner, Peter Lindblad. The house will contain seven rooms and bath. Interior will be finished in pine and elm with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. There will be tile wainscot in the bath and kitchen. Exterior will be finished with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

RESIDENCE — 2 story and base, frame, \$4,500. Oakland, Cal. Architect, Charles E. J. Rogers, 24 California St., S. F. Owner, D. A. O'Brien. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Furnace heat and open fire places will be installed. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater is to be specified.

The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE — 2 story and base, frame, \$3,300. Piedmont, Alameda Co., Cal. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The house has been designed for a seven-room dwelling with bath and sleeping porch. Interior will be finished in pine and hardwood veneer. Oak floors will be used in the living and dining rooms and reception hall. There will be tile wainscot in the bath room. Furnace heat and open fire places are to be used. Mantels will be of brick. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

RESIDENCE — 2 story and base, frame, \$4,950. Oakland, Cal. Architect, none. Owner, H. N. Turrell, 156 Jean St., Oakland. The dwelling will contain six rooms, baths and sleeping porch. Interior finish will be largely of hardwood. Oak floors will be used throughout, except in the bath rooms, which will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the kitchen. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, R. H. Madden. The dwelling is to be erected in Berkeley Square Park and will contain seven rooms and bath. Interior finish will be of pine and some oak veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOWS—5, 1 and 1 1/2 story and base, frame, \$2,500 each. Berkeley, Alameda Co., Cal. Architect, none. Owners, F. R. Peake Co., 2127 University Ave., Berkeley. These houses will be erected in the Grove M. Berryman Tract, and each is arranged for six rooms and bath. Interior finish will be entirely of pine with some oak floors. There will be a large open fire place in the living room and an attractive tile or brick mantel. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are complete and in the hands of the owners who will do the work by Day Labor. They are now in the market for various materials.

RESIDENCE — 2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, F. R. Peake Co., 2127 University Ave., Berkeley. The house will contain eight rooms and bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open

fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,000. Piedmont, Alameda Co., Cal. Architect, Joseph. Cahen, 45 Kearny St., S. F. Owner, S. Greenhood. The dwelling has been mentioned in these columns before when plans were first prepared. The dwelling will contain in the neighborhood of 8 rooms, sleeping porch and baths. Interior will be finished in pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. There will be an automatic water heater installed. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architect, J. Cather Newsum, 1424 Broadway, Oakland. Owner, George T. Dunlap. The building will be erected at 1st avenue and 16th street. The work will include moving the present building to the rear of the lot and completely altering the same. Front portion of the lot will be covered by the new structure. Apartments will be arranged in suites of two and three rooms each. All apartments will have connecting baths and wall beds. Interior will be finished in pine. Some hardwood floors will be used. Bath rooms will have tile wainscot. There will be a central heating system and hot water supply. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the architect is taking sub-figures on all parts of the work.

BANK—2 story and base, brick and steel, \$12,000. Oakdale, Stanislaus Co., Cal. Architect, Ralph P. Morrill, Odd Fellows' Bldg., Stockton. Owners, Commercial Bank. The building will be erected at one of the principal business corners in Oakdale and will cover an area of 25x75 feet. The first floor is to be fitted for the exclusive use of the bank and will be finished in hardwood and tile. There will be coin and safety deposit vaults. Considerable ornamental iron and bronze will be used. The upper floor will be arranged for a number of modern offices. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

FLATS—Alteration and addition, frame construction, \$3,000. Oakland, Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, P. F. Lint. The work will consist of raising the present two-story frame dwelling and adding another story underneath. Floor plans provide for a number of three and four room apartments with baths. Interior finish will be of pine and some hardwood. Oak floors will be used in the principal rooms. There will be gas grates and brick mantels. Wall beds are specified. The exterior of the building will be covered with rustic. Plans are complete and figures are being taken for the work.

RESIDENCE—3 story and base, frame, \$11,000. Piedmont, Alameda Co., Cal. Architects, Newsum, Dickson & Meeker, 812 Broadway, Oakland. Own-

er, Mrs. Henshaw. The dwelling is to be erected in Walla Vista and is unique in its design. Interior will be arranged for nine or ten rooms, including several baths, sleeping porch and laundry. Interior finish will be of pine and hardwoods with oak floors in the main living room, dining room and reception hall. There will be steam heat and open fire places. Mantels will be of tile. Tile will also be used in the bath rooms and kitchen. An automatic water heater and vacuum cleaning system are to be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BUNGALOW—1 story and base, frame, \$3,000. Oakland, Cal. Architects, Newsum, & Dixon, 812 Broadway, Oakland. Owner, Mr. Carrigan. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling is to be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of the architects. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,000. Piedmont, Alameda Co., Cal. Architects, Newsum & Dixon, 812 Broadway, Oakland. Owner, M. B. Cooley. The house will be erected on Hillside avenue, and has been designed to contain seven rooms, bath and sleeping porch. All interior finish will be of pine or elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken for various parts of the work. The dwelling will be erected by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, Louis Johnson, 1732 Ward St., Berkeley. The house has been designed for a seven-room dwelling with all modern conveniences. Interior will be finished in pine with hardwood floors and some hardwood wainscot. Bath rooms will have tile wainscot and some tile will be used in the kitchen. There will be furnace heat and open fire places. Mantels will be of brick or tile. The exterior of the dwelling will be covered with shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased by Mr. Johnson.

SCHOOL—1 and 2 story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect, J. J. Donovan. Security Bank Bldg., Oakland. Owner, City of Oakland. Bids will be opened on April 21st for the construction of the Commercial High School, which is to be erected on Broadway between 41st and 45th streets. The work has been previously described in these columns. The following list contains the names of firms who had applied for plans and specifications up to April 13th:

STORES AND OFFICES—10 or 12 story and base. Class A construction. Cost not stated. Oakland, Cal. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners, Hesseman and Hoff. This building is to be erected at the corner of 15th and San Pablo avenue. Only preliminary plans have been prepared and details of the construction cannot be published at this time. The preliminary sketches show a high-class office building, of fireproof construction and containing in the neighborhood of 200 modern offices. Several stories will occupy the first floor. The owners state that construction will probably be undertaken this year. Further particulars will be given in these columns as the plans progress.

STORES, OFFICES AND AUDITORIUM—6 story and base, reinforced concrete, \$180,000. Oakland, Cal. Architect, William H. Judson, Albany Bldg., Oakland. Owner's name withheld for the present. This building, which is to be known as the Arts and Crafts Building, will be erected on Harrison street. Besides the stores and offices the structure will contain an auditorium with a seating capacity of 350 people. Construction will be fireproof throughout. There will be reinforced concrete walls faced with artificial stone. Interior partitions will be of hollow tile and metal lath and plaster. Plans include elevator service, steam heat, a vacuum cleaning system, some metal trim and metal window frames and sash. Interior finish will be of pine, hardwood, metal and marble or tile wainscot. The site is 80x100 feet and the building will occupy the entire lot. Plans are now being prepared. Further announcement will be made here when plans are ready for figures.

Building Contracts Awarded Oakland.

1004	Carter	.....	Carter	1800
1005	Pallen	.....	Pallen	2500
1006	Jensen	.....	Jensen	1750
1007	Jensen	.....	Jensen	1750
1008	Bacon	.....	Bacon	4800
1009	McMahon	.....	Neikien	1500
1011	Webb	.....	Porter	3000
1012	Piedmont Bldg.	.....	Mattison	2464
1013	Locke	.....	Gustafson	2650
1014	Leahy	.....	Nederberg	500
1015	Oliver	.....	Woodward	3000
1019	Hough	.....	Littlon	400
1020	Neilsen	.....	Graf	500
1021	Peane	.....	Lee	400
1023	Hansen	.....	Hansen	700
1024	Massion	.....	Massion	500
1025	Wurts	.....	Cook	1000
1026	Olander	.....	Nelson	1000
1027	Elesing	.....	Elesing	500
1028	Souther	.....	Vaidon	1669
1029	McDonald	.....	McDonald	1500
1032	Peterson	.....	Peterson	1500
1034	Hofcroft	.....	Hofcroft	1800
1035	Peterson	.....	Wickersham	4800
1036	Storz	.....	Burlock	1580
1037	McHenry	.....	Jones	1856
1038	United Bldrs	.....	Owner	3300
1042	Baker	.....	Rubenstein	400
1044	Wright	.....	Wright	450
1045	Slattery	.....	Baughman	400
1046	Adams	.....	Adams	400
1047	Hogan	.....	Hogan	500
1048	Turrell	.....	Turrell	4000
1049	Hogan	.....	Hogan	2000
1050	Hogan	.....	Hogan	2000
1051	Nery	.....	Nery	1500
1052	Oliver	.....	Rice	1235
1053	Hogan	.....	Hogan	1000
1054	Oltman	.....	Oltman	1050
1055	Francis	.....	Francis	400
1056	Atterison	.....	Atterison	2000
1057	Pac Fuel	.....	Whnlin	1700
1058	Svdes	.....	Svdes	2100
1059	Young	.....	Young	1750
1060	Gachinger	.....	Bradhoff	1500
1061	Rennell	.....	Palmer	700
1062	Wicks	.....	Griffin	2900
1063	Colt	.....	Colt	2500
1064	Colt	.....	Colt	2000
1066	Coward	.....	Coward	2300
1067	Pearle	.....	Pearle	450

1068 Windmuller .....Chase	600	Contractor, Alfred Gustafson, 1028	1069 Z Southern, 1052 32nd, Okd.
1070 Belchee .....Rich	2500	Linden, Oakland.	Ar. ....None
1071 Derosier .....Fletcher	1250	(COST, \$2550	Contractor, J. A. Valadon, 934 Adeline,
1073 Gordon .....Inter-Chies	2175		Oakland.
1074 W O W .....Kings	2450	(1014) S THIRTY-NINTH 359 W Mar-	Filed Mar. 31 '13. Dated Mar. 19, '13.
1081 O'Neill .....O'Neill	1600	ket, Oakland. One-story 5-room dwlg	Frame up .....\$150
1082 Nutting .....Nutting	2000	Owner.....S. B. Wehrly.	1st coat plaster on.....450
1083 Morris .....Morris	550	Architect.....None.	Plastered .....450
1084 29 Christ Scientist, Nixon	400	Contractor, Cederborg & Anderson,	Usual 35 days.....319
1085 Passovitch .....Bay	500	1033 Poplar, Oakland.	TOTAL COST, \$1669
1086 Antioch .....Sherwood	450	(	Bond, none. Limit, 65 days. Forfeit,
1087 Vermer .....Corbett	500	(1015) W BEAUMONT AVE 200 S 13th	none. Plans and specifications filed.
1088 Young .....Young	2000	Ave., Oakland. One and one-half-	(1029) E SALINGER 160 N E-23rd,
1089 Turnhill .....McKay	1800	story 7-room dwelling.	Oakland. One-story 5-room dwlg.
1090 Jansson .....Jansson	2450	Owner.....A. W. Oliver, Alameda.	Owner.....Alex McDonald.
1091 Johnson .....Johnson	3000	Architect.....None.	Ar. ....None
(1004) SE FIFTY-THIRD & DOVER,		Contractor, E. W. Woodward, 1540	Day's work.....
Oakland. One-story 5-room dwelling		Broadway, Oakland.	(COST, \$1500
with store.		(COST, \$3000	(1023) N TITASK AVE 40 E Monticello
Owner.....H. M. Carter, 3647 Grove,		(1019) NO. 3018 E-FIFTEENTH, Oak-	Ave., Oakland. One-story 5-room
Oakland.		land. Addition.	dwelling.
Architect...None.		Owner.....Ed. S. Hough, Premises.	Owner.....Peterson & Peterson, 1603
Day's work.....	COST, \$1800	Architect.....None.	Golden Gate Ave., S. F.
(1005) W JAMES AVE 243 N Clifton,		Contractor, Roy B. Litton, 2326 26th	Architect...None.
Oakland. One-story 5-room dwlg.		Ave., Oakland.	Day's work.....
Owner.....A. H. Pallen, 868 61st, Okd.		(COST, \$400	(COST, \$1500
Architect...None.		(1020) N HOPKINS 100 E Fruitvale	(1034) N BOULEVARD AVE 69 E
Day's work.....	COST, \$2500	Ave., Oakland. Coal shed.	Austin, Oakland. One-story five-room
(1006) SE ALCATRAZ AVE & COLBY,		Owner.....Neilsen & Anderson, 2218	dwelling.
Oakland. One-story 4-room dwlg.		Hopkins, Oakland.	Owner.....H. W. Hoferoft, 2910 Boule-
Owner.....R. C. Jensen, 5569 Taft Ave.		Architect.....None.	vard, Oakland.
Oakland.		Contractor, W. H. Graf, 2218 Hopkins,	Architect...None.
Architect...None.		Oakland.	Day's work.....
Day's work.....	COST, \$1750	(COST, \$500	(COT, \$1600
(1007) E COLBY 50 S Alcatraz Ave.,		(1021) NE FIFTEENTH AND MARKET	(1035) S THIRTY-THIRD 398 W Tele-
Oakland. One-story 4-room dwlg.		Oakland. Laundry.	graph Ave., Oakland. All work for
Owner.....R. C. Jensen, 5569 Taft Ave		Owner.....A. Peane, Premises.	two-story flat building.
Oakland.		Architect.....None.	Owner.....J. C. and Laura Petersen.
Architect...None.		Contractor, W. A. Lee, 547 Filbert,	Architect...None.
Day's work.....	COST, \$1750	Oakland.	Contractor, B. B. Wickersham, 82
(1008) TWELFTH & WASHINGTON,		(COST, \$400	Harriet, San Francisco.
Oakland. Fire repairs.		(1022) W FIFTY-FOURTH AVE 730	Filed April 1, '13. Dated
Owner.....Bacon & Soule, Premises.		N E-14th, Oakland. One-story 4-room	Roof on 1/4
Architect...None.		dwelling.	Brown coated 1/4
Day's work.....	COST, \$4800	Owner.....F. Hansen, 1605 54th Ave.,	Completed and accepted..... 1/4
(1009) W BROWN AVE 500 N Kansas,		Oakland.	Usual 35 days..... 1/4
Oakland. One-story 4-room dwlg.		Architect...None.	TOTAL COST, \$1800
Owner.....McMahon & Nethken, 3755		Day's work.....	Bond, \$2400. Surety J. W. Schauten.
Brown Ave., Oakland.		(COST, \$700	Limit, 90 days. Forfeit, none. Plans
Architect...None.		(1024) NW EIGHTY-SEVENTH AVE	and specifications filed.
Day's work.....	COST, \$1500	and "A." Oakland. One-story four-	(1036) E-FOURTEENTH AVE, bet E-
(1011) E HAWTHORNE TERRACE 70		room dwelling.	32nd and E-33rd being Lot 10 Blk "M"
N Cedar. Two-story 6-room dwlg.		Owner.....C. Massion.	Oakland. All work for two-story
Owner.....Earl H. Webb, 1525 Haw-		Architect...None.	store and dwelling.
thorne Terrace, Bkly.		Day's work.....	Owner.....Emil Storz, San Leandro.
Architect...None.		(COST, \$500	Architect...Robt. Morgener, 1644 Tele-
Contractor, H. H. Porter, 2616 Cedar,		(1025) N E-THIRTY-THIRD 210 E	graph Ave., Oakland.
Berkeley.		14th Ave., Oakland. One-story four-	Contractor, Joseph Burlock, Oakland.
(COST, \$3000		room dwelling.	Filed April 1, '13. Dated Mar. 28, '13.
(1012) W DOLORES AVE 600 N El		Owner.....M. L. Wurts, Commercial	Frame completed .....\$395
Centro being Lot 16 Blk 5 Map Fourth		Bldg., Oakland.	Plastering completed .....395
Ave Heights, Oakland. All work for		Architect...None.	Completed .....395
two-story frame dwelling.		Contractor, L. T. Cook, 543 30th, Okd.	Usual 35 days.....395
Owner.....Piedmont Heights Bldg, Co		Oakland.	TOTAL COST, \$1580
Oakland Bank of Svcs, Okd		(COST, \$1000	Bond, none. Limit, 90 days. Forfeit,
Architect...A. W. Smith, 1010 Broad-		(1026) NO. 1249 E-TWELFTH, Oak-	none. Plans and specifications, none.
way, Oakland.		land. Alterations.	(1037) LOT 22 BLK "E" Map Kenwood
Contractor, Jesse V. Mattison, 2708		Owner.....Olander Estate, Premises.	Park, Oakland. All work for one-
Sunset Ave., Oakland.		Architect...Dixon & Newsom, 812	story 5-room and sleeping porch dwlg
Filed Mar. 31, '13. Dated Mar. 25, '13.		Broadway, Oakland.	Owner.....R. S. McHenry and Ralph
Frame up 1/4		Contractor, H. Nelson, 2018 13th Ave.,	L. Kaiser, 1756 Broadway,
Brown coated 1/4		Oakland.	Oakland.
Completed and accepted..... 1/4		(COST, \$1000	Architect...Ivan C. Satterlee, 470 13th,
Usual 35 days..... 1/4		(1027) 120 S 26 CLEVELAND, Oakland	Oakland.
COST, \$2464		Alterations.	Contractor, Jesse Walton Jones, Okd.
Bond, \$1232. Surety, American Bonding		Owner.....C. Blessing, Premises.	Filed April 1, '13. Dated Mar. 31, '13.
Co. Limit, 80 days. Forfeit, \$5. Plans		Architect...None.	Frame up, roof boards and ex-
and specifications filed.		Day's work.....	terior sheathing on.....\$450
(1013) VICKSBURG AND FIFTIETH		(COST, \$500	Interior and exterior plastering
Ave., Oakland. Two-story 7-room		(1028) S MILLS 100 W Baker, being	completed .....450
dwelling.		ptn Lot 19 Map J Levi, Sr, Tract,	Completed and accepted.....450
Owner.....Mrs. Frank Locke, 1739		Oakland. All work for one-story 4-	notice filed .....500
12th, Oakland.		room dwelling.	Usual 35 days.....500
Architect...None.			TOTAL COST, \$1850
			Bond, none. Limit, 60 days. Forfeit,
			none. Plans and specifications filed.

(1011) W KINGSTON AVE 238 S Greenbank, Piedmont. Two-story 7-room residence.
Owner.....United Home Builders, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3300

(1043) SE SIXTH AND BRUSH, Oakland. Addition and reshingling.
Owner.....P. Baker, 714 32nd, Oakland
Architect...None.
Contractor...K. Rubenstein, 668 6th, Oakland. COST, \$400

(1044) NO. 1449 FIFTY-SECOND AVE. Oakland. Addition.
Owner.....O. O. and S. H. Wright, Premises
Architect...None.
Contractor...O. O. Wright, Premises. COST, \$450

(1045) NO. 1546 FIFTH AVE., Oakland Alterations and repairs.
Owner.....Jas. Slattery, Premises.
Architect...None.
Contractor...J. W. Baughman, 1627 5th Oakland. COST, \$400

(1046) NO. 1915 EIGHTY-FOURTH AVE, Oakland. Addition.
Owner.....A. E. Adams, Premises
Architect...None.
Day's work. COST, \$400

(1047) SE SECOND AND HARRISON, Oakland. Alterations.
Owner.....Hogan Lumber Co., First and Alice, Oakland.
Architect...None.
Day's work. COST, \$500

(1048) W WALKER AVE 50 S Davidson Way, Oakland. Two-story six-room dwelling.
Owner.....H. N. Turrell, 456 Jean, Oakland.
Architect...None.
Day's work. COST, \$4000

(1049) W ALICE 26 S Second, Oakland Alterations.
Owner.....Hogan Lumber Co., First & Alice, Oakland.
Architect...None.
Day's work. COST, \$2000

(1050) COR. FIRST AND ALICE, Oakland. Alterations.
Owner.....Hogan Lumber Co., Prem.
Architect...None.
Day's work. COST, \$2000

(1051) N FIFTY-EIGHTH 175 E Canning, Oakland. One-story 5-room dwelling.
Owner.....Wm. F. Neary, 1512 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(1052) NE MILLS 100 NW Baker Ave NW 70 NE 236½ SE 70.67 SW 239.8, Oakland. All work for alterations.
Owner.....J. H. Oliver, Oakland.
Architect...None.
Contractor...Geo. F. Rice, 5527 Foothill Boulevard, Oakland.
Filed April 2, '13. Dated ———
Frame up ¼
Brown coated ¼
Completed ¼
Usual 35 days ¼
TOTAL COST, \$1235
Bond, none. Limit, 16 days. Forfeit, none. Plans and specifications filed.

(1053) COR. FIRST & HARRISON, Oakland. Alterations.
Owner.....Hogan Lumber Co., First and Alice, Oakland.
Architect...None.
Day's work. COST, \$1000

(1054) NE HIGHLAND AVE AND E-25th, Oakland. One-story 5-room dwelling.
Owner.....H. Oltman, 2602 Highland Ave., Oakland.
Architect...None.
Day's work. COST, \$1050

(1055) W EIGHTY-FOURTH AVE 260 S Blanch, Oakland. Shed.
Owner.....Francis Bros., 2037 24th Ave., Oakland.
Architect...None.
Contractor...E. D. Francis, 2037 24th Ave., Oakland. COST, \$400

(1056) E LEISE AVE 100 N Allendale Ave., Oakland. Nickelodeon.
Owner.....R. Albertson, 1801 Woolsey, Oakland.
Architect...None.
Day's work. COST, \$1000

(1057) WATER, Bet. Broadway and Franklin, Oakland. Alterations.
Owner.....Pacific Fuel Co., Premises.
Architect...None.
Contractor...Whallin Bros., 269 Bacon Blk., Oakland. COST, \$1700

(1058) W ROSEDALE AVE 200 N Carrington, Oakland. One-story 5-room dwelling.
Owner.....P. K. Sydes, 1951 42nd Ave., Oakland.
Architect...None.
Day's work. COST, \$2100

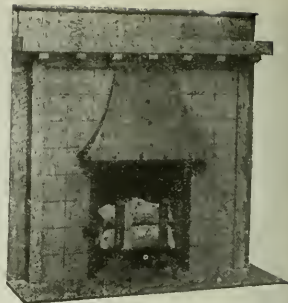
(1059) S SIXTY-THIRD 231 W Telegraph Ave., Oakland. One-story six-room dwelling.
Owner.....W. S. Young, 702 Alleen, Oakland.
Architect...None.
Day's work. COST, \$1750

(1060) W ORANGE 150 S Perry, Oakland. Addition.
Owner.....Miss Marie Gaehring.
Architect...None.
Contractor...C. O. Bradhoff, 5502 Market Oakland. COST, \$1500

(1061) NO. 590 THIRTIETH, Oakland. One-story 4-room dwelling.
Owner.....J. H. Rennell, Premises.
Architect...None.
Contractor...A. P. Palmer, 1812 Market, Oakland. COST, \$700

(1062) NO 721 MADISON being N 25 of S 50 of Lot 14 Blk 82 Kellersberger's Map of Oakland. All work for alterations and additions.
Owner.....Harry Wicks, 579 27th, Okd
Architect...None.
Contractor...C. M. Griffin.
Filed April 3, '13. Dated April 3, '13.
As work progresses..... 75%
30 days after..... 25%
TOTAL COST, \$2900
Bond, none. Limit, 90 days from April 4. Forfeit, \$10. Plans and specifications filed.

(1064) W MANILA 70 N 51st, Oakland. One-story 5-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager

Mantels, Grates and Tiles. Fire Sets, Andirons
Portable Baskets and Grates, Floor and
Wall Tiling in Original Designs.
1727 TELEGRAPH AVE.
OAKLAND, CAL.
Phone Oakland 121
Residence Phone, Oakland 8622

Architect...A. J. Mazurette, 1522 Broadway, Oakland.
Contractor...Roger Coit, 1522 Broadway Oakland. COST, \$2500

(1065) W MANILA AVE 35 N 51st, Oakland. One-story 5-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect...Al. J. Mazurette, 1522 Broadway, Oakland.
Contractor...Roger Coit, 1522 Broadway, Oakland. COST, \$2000

(1066) S SHAFTER AVE 277 W Pryal, Oakland. One-story 6-room dwelling
Owner.....J. Coward, 4144 24th, S. F.
Architect...None.
Day's work. COST, \$2300

(1067) NO. 476 FIFTY-FIRST, Oakland Work shop.
Owner.....E. La Pearle, Premises.
Architect...None.
Day's work. COST, \$450

(1068) NO. 5380 COLLEGE AVE., Oakland. Addition.
Owner.....H. Windmuller, Premises.
Architect...None.
Contractor...A. B. Chase, 5310 Dover, Oakland. COST, \$600

(1070) NW 100TH AVE & HOLLY, Oakland. One-story 5-room dwlg.
Owner.....Bellchee, 1924 90th Ave., Oakland.
Architect...None.
Contractor...Jas. Rich, 3902 Lusk, Okd. COST, \$2500

(1071) NO. 2840 BROADWAY, Oakland Alterations.
Owner.....J. N. Derosier.
Architect...None.
Contractor...Winlund & Fletter, 1721 Telegraph Ave., Oakland. COST, \$1250

(1073) S E-EIGHTEENTH 200 W Fruitvale Ave. being Lot 27 Derby Tract, Oakland. All work for one-story dwelling.
Owner.....Arthur R. and Susan C. Gordon, 1059 62nd, Oakland.
Architect...None.

Contractor..Inter-Cities Home Bldgs., Inc., Bacon Bldg., Oakland.
Filed April 4, '13. Dated Mar. 26, '13.
Frame up and boarded in..... ¼
Plastered inside and out..... ¼
Trimmed, plumbing done, doors hung and 1st coat paint on..... ¼
Completed and satisfactory evidence no liens, or usual 35 days. ¼
TOTAL COST, \$2175
Bond, none. Limit, 70 days after Mar. 14. Forfeit, \$1. Plans and specifications filed.

(1074) NW SIXTEENTH & JEFFERSON W along 16th 150 N 85 E 50 N 15 E 100 S 100, Oakland. Electric wiring and hanging of fixtures for five-story and basement brick, concrete and steel building.

Owner.....Woodmen of World Bldg. Association of Oakland.
Architect...F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor...Kings Elec. Co., 1771 Broadway, Oakland.

Filed April 4, '13. Dated Mar. 26, '13.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2450
Bond, \$1225. Surety, Fidelity & Deposit Co. Limit, as rapid as required by architect. Forfeit, none. Plans and specifications filed.

(1081) E FAIRFAX 845 N Ygnacio, Oakland. One-story 5-room dwlg.
Owner.....Edgar O'Neill, 5048 Fairfax Ave., Oakland.
Architect...None.
Day's work. COST, \$1600

(1082) W MINNA AVE 30 N Dale Place, Oakland. One-story 6-room dwlg.
Owner.....John Nutting, 2907 Minna Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

(1083) N WILBUR 45 E Lincoln Ave., Oakland. One-story three-room dwlg.
Owner.....J. A. Morris, San Francisco.
Architect...None.
Day's work. COST, \$550

(1084) THIRTY-FOURTH AND ELM, Oakland. Alterations and repairs.
Owner.....Second Christian Science Church, Premises.
Architect...None.
Contractor...R. B. Nixon, 487 43rd, Okd.
COST, \$400

(1085) NO. 533 FOURTEENTH, Oakland. Alterations.
Owner.....L. Passowith, Premises.
Architect...None.
Contractor...Bay City Cabinet Co., 1080 5th, Oakland.
COST, \$500

(1086) NE FORTIETH AND SHAFTER Ave., Oakland. Shed.
Owner.....Antioch Rail Road.
Architect...None.
Contractor...S. P. Sherwood, 463 60th, Oakland.
COST, \$450

(1087) NO. 422 ELEVENTH, Oakland. Alterations.
Owner.....Dick Wermer, Premises.
Architect...None.
Contractor...Corbett & Bayless, 1110 Franklin, Oakland.
COST, \$500

(1088) N ALLEEN 99 W Dover, Oakland. One-story 6-room dwelling.
Owner.....J. H. Young, 702 Alleen, Oakland.
Architect...None.
Day's work. COST, \$2000

(1089) E THIRTY-FOURTH AVE 178 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....Robert Turnbull, 3463 E-14th, Oakland.
Architect...None.
Contractor...D. McKay, San Leandro.

COST, \$1800
(1090) S SIXTY-THIRD 440 W Colby, Oakland. One-story 5-room dwlg.
Owner.....G. Jansson, 554 63rd, Okd.
Architect...None.
Day's work. COST, \$2450

(1091) N GREENBANK 220 E Grand Ave., Piedmont. Two-story 9-room residence.
Owner.....Lonis Johnson, 1732 Ward, Berkeley.
Architect...None.
Day's work. COST, \$3000

Building Contracts Awarded.

Berkeley.

1002	Peake	3000
1003	Aldeen	1800
1010	Sorrick	Peake
1016	Friskie	Sommarstrom
1018	Weiss	Widmer
1022	Benred	Bender
1030	Sisterna	Am Machine
1031	Reynolds	Atkin
1032	Marquise	Marquise
1042	Nichols	Fallon
1063	Richert	Werner
1069	Sterne	Sterne
1072	Sheridan	Sheridan

(1002) E MARIPOSA 50 S Terrace Walk, Berkeley. Two-story 8-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$3000

(1003) E SHORT 100 N Hearst Ave., Berkeley. One-story 7-room dwlg.
Owner.....Car Aldeen, 1428 Hearst Ave, Berkeley.
Architect...None.
Day's work. COST, \$1800

(1010) NE JOSEPHINE AND BERRYman, Berkeley. One-story 6-room dwelling.
Owner.....Ira Sorrick, 2127 University Ave., Berkeley.
Architect...None.
Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.
COST, \$2500

(1016) N HILLCREST ROAD 125 S Uplands, Berkeley. One and one-half story 6-room dwelling.
Owner.....Mabel L. Friskie, 2747 Stuart, Berkeley.
Architect...None.
Contractor...Sommarstrom Bros., 4415 Grove, Berkeley.
COST, \$3500

(1018) LOTS 32 AND 33 BLK 2 Map Cragmont, Berkeley. All work for one and one-half-story and basement frame dwelling.
Owner.....Arthur Weiss, 1354 Vallejo, San Francisco.
Architect...Harris Allen, 2514 Hille-gass Ave., Berkeley.
Contractor...J. J. Widmer, Stege, Cal.

Filed Mar. 31, '13. Dated Mar. 31, '13.
Frame up\$1206 50
1st coat plaster on..... 1206 50
Completed and accepted & notice filed 1206 50
Usual 35 days 1206 50
TOTAL COST, \$4826 00

Bond, \$2400. Sureties, W. H. Johnston and H. F. Davis, Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1022) NO. 1835 CEDAR, Berkeley. Addition.
Owner.....Richard Bender, Premises.
Architect...None.
Day's work. COST, \$450

(1030) E FIFTH 160 S University Ave Berkeley. Two-story frame factory.
Owner.....P. R. Sisterna, 800 University Ave, Berkeley.
Architect...None.
Contractor...American Machine Works, 425 4th, Oakland.
COST, \$1500

(1031) S CARLTON 200 W Grove, Berkeley. Addition.
Owner.....Mrs. Adeline De Walt Reynolds, Premises.
Architect...None.
Contractor...James T. Atkin, 1145 Regent, Alameda.
COST, \$400

(1032) SW DUNCAN & WEBSTER, Berkeley. Two-story 6-room dwlg.
Owner.....E. M. Marquis, 2827 Russell Berkeley.
Architect...None.
Day's work. COST, \$1800

(1042) W HOLLY 208 S Rose, Berkeley One and one-half-story 6-room dwlg.
Owner.....Elmer E. Nichols.
Architect...None.
Contractor...Geo. W. Patton, 2126 Emerson, Berkeley.
COST, \$2000

(1063) E DOHR 355 S Ward, Berkeley. One-story 4-room dwelling.
Owner.....Chas. Richert, 920 Pardee, Berkeley.
Architect...None.
Contractor...Chas. A. Werner, 2416 10th, Berkeley.
COST, \$1250

(1069) N WARD 40 W Baker, Berkeley One-story 5-room dwelling.
Owner.....G. H. Sterne, 1304 Alice, Oakland.
Architect...None.
Day's work. COST, \$1300

(1072) E FIFTY-FIRST 100 S Ygnacio Berkeley. One-story 5-room dwlg.
Owner.....K. M. Sheridan, 1020 Broadway, Berkeley.
Architect...None.
Day's work. COST, \$2000

Building Contracts Awarded

Alameda.

1017	Enclinal Yacht	Altchison	3391
1038	Strang	Strang	2400
1039	Strang	Strang	2000
1040	Noble	Noble	1800
1075	Potter	Schneblly	4800
1076	Strang	Strang	2000
1077	West End Bldg.	Mehrtens	1300
1078	Hillen	Hillen	3900
1079	Masonic Home	Day	8000
1080	Same	Datziel	20265

(1017) S END GRAND approximately 1000 from shore line, Alameda.

Tearing out, reframing, carpenter work, mill work, glazing, plumbing, electric wiring, roofing, setting hardware brick work, patent chimney, shades and hardwood flooring including finish for alterations and additions to Encinal Yacht Club premises. Owner.....Encinal Yacht Club, Foot of Grand, Alameda.

Architect...Hamilton Murdock & Wm. H. Crim, 425 Kearny, S. F.
Contractor..Altchison & Sons, 543 Santa Clara Ave., Alameda.

Filed Mar. 31, '13. Dated Mar. 29, '13.
Frame up and roof on.....\$1695 50
Completed and accepted.....\$47 75
Usual 35 days.....\$47 75

TOTAL COST \$2391 00
Bond, \$1700. Sureties, John G. Lubben and Geo. W. Johnston. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1038) NO. 1323 EIGHTH, Alameda.
One and one-half story dwelling.
Owner.....V. N. Strang, 2015 13th Ave Oakland.

Architect...None.
Day's work.....COST, \$3400

(1039) NO. 1343 BURBANK, Alameda.
One-story dwelling.
Owner.....V. N. Strang, 2015 13th Ave Oakland.

Architect...None.
Day's work.....COST, \$2000

(1040) NO. 1105 PARK, Alameda. One story dwelling.
Owner.....Geo. H. Noble, 2416 Webb Ave., Alameda.

Architect...None.
Day's work.....COST, \$1800

(1075) BAY AND SAN ANTONIO AVE. Alameda. Alterations.
Owner.....Frances L. Potter, Prem.
Architect...None.
Contractor..Schnebley, Hostrawser & Pedgrift, 1943 Broadway, Oakland.

COST, \$4804

(1076) NO. 1322 BURBANK, Alameda.
One-story dwelling.
Owner.....E. H. Strang, 1116 Santa Clara Ave., Alameda.

Architect...None.
Day's work.....COST, \$2000

(1077) NO. 1509 LINCOLN AVE., Alameda. One-story dwelling.
Owner.....West End Bldg. Association, 1600 Webster, Ala.

Architect...None.
Contractor..H. G. Mehrrens, 1600 Webster, Alameda

COST, \$1300

(1078) NO. 1604 FERNSIDE BOULEVARD, Alameda. Two-story dwlg.
Owner.....R. C. Hillen, Fernside and Liberty Ave., Alameda.

Architect...None.
Day's work.....COST, \$3000

(1079) PLOT 12 and Ptn Plot 10 Boardman's Map of Rancho Arroyo de la Alameda, Washington Tp. All work for power house and laundry, deep well pump house, cold storage building and reinforced concrete tank.
Owner.....Board of Trustees Masonic Homes of California.

Architect...James H. Humphreys, Wells Fargo Bldg., S. F.
Contractor..Thos. H. Day's Sons, Mo-nadnock Bldg., S. F.

Filed April 5, '13. Dated Mar. 25, '13.

Last day of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$3800

Bond, \$4900. Surety, National Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1080) STEAM POWER PLANT, steam heating and hot water systems deep well pump and pipe lines for water supply system on above.
Contractor..Robert Dalziel Jr., 218 1st, San Francisco.

Filed April 5, '13. Dated Mar. 25, '13.

15th of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$20,265

Bond, \$15,000. Surety, U. S. Fidelity & Deposit Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

Completion Notices.

Alameda.

Mar. 31, 1913—LOT 10 BLK "B" Map Park Tract, Ala. F N Strang to whom it may concern...Mar. 22 1913

Mar. 31, 1913—NE SANTA CLARA Ave 133½ SE Broadway NE 100x NW 37, Ala. Louis Johnson to whom it may concern...Mar. 29, 1913

Mar. 31, 1913—SE PIEDMONT AVE 122 S Wecho Ave SW 90 SE 90 NE 90 NV 90, Okd. Geo W Peckham to E A Janssen.....Mar. 22, 1913

Mar. 31, 1913—LOT 29 University Hill Bkly. Oliver M Washburn to Junk-Piddell Invest Co.....Mar. 26, 1913

April 1, 1913—PTN PLOT 73 Vincente and Domingo Peralta Rancho and ptn Lot "O" Map Eucalyptus Hill, Okd. Claremont Home Bldg & Realty Co to whom it may concern.....Mar. 31, 1913

April 1, 1913—E 50 LOTS 11 AND 12 Blk 24 Daley's Scenic Park, Bkly. Bessie Gallagher to Wm Livingston.....April 1, 1913

April 1, 1913—E CALIFORNIA 45 N Ashby Ave N 45x E 100, Bkly. Wm T Hale to Frank A Ernsberger and Verne Dildine.....Mar. 31, 1913

April 2, 1913—S E-THIRTY-FIRST 99 ft. 11 in. E-14th Ave th SW 35 to pt of beg SW 33 W 109 1-3 NE 33 SE 104 ft. 7½ ln. Okd. C E Charleston to whom it may concern.....April 2, 1913

April 2, 1913—LOTS 1 AND 2, Oak Park Tract, Okd. Magnus Smith to George W Eliassen.....Mar. 31, 1913

April 3, 1913—W TWELFTH or Marshall 24½ N 55th N 27½xW 100, Okd. W R Emery to W H Judson.....April 2, 1913

April 3, 1913—LOT 7 BLK 10, Northbrae NW Cor, Sonoma and Colusa Aves, Bkly. L A Rally to Peake-Munro Co.....Mar. 29, 1913

April 3, 1913—PTN LOT 52 BLK "C" Map of a part of Berkeley Pty, Bkly. Bertha Newell to Junk-Riddell Co.....April 2, 1913

LIENS FILED.

Alameda.

Mar. 22, 1913—W SPRUCE 320 S Cedar S 50xW 150, Bkly. W Hostler vs Charles R McNulty and Giles M Briggs.....\$25

Mar. 29, 1913—W PTN LOT 9 and E ptn Lot 8 Blk 3 May Oak Lawn, Okd. Berkeley Lumber Co vs Minnie and Anthony Beck & C J

Peterson.....\$504.20

April 1, 1913—LOT 31 BLK "J" Map

4th Ave Terrace, Okd. Maxwell

Hardware Co vs Lolke Zwall and

Jane Doe Zwall.....\$55.70

April 4, 1913—S LAKE 140 E Madison

E 50xS 100, Okd. Pacific Mfg Co vs

Laura Johnson.....\$593.25

April 4, 1913—EIGHTY-SEVENTH

Ave No. 1215 35x100, Okd. A G Lock-

hart vs Joseph Camazzil.....\$62

SAN JOSE AND THE SANTA CLARA VALLEY.

CULVERTS AND WALLS—Iron and concrete. Colma, San Mateo Co. Cal. Engineer, County Surveyor James V. Neuman, Redwood City. Owners, San Mateo County. Plans are complete and figures will be opened on April 21st by the Board of Supervisors for the construction of culverts and end walls over San Bruno avenue at Colma. The work includes corrugated iron pipe and concrete end walls. Plans and specifications can be secured from Engineer Neuman, Redwood City.

Building Contracts.

SANTA CLARA COUNTY.

LOTS 1 AND 2 BLK 13 Hanchett Park Tract, San Jose. All work for two-story plastered residence.

Owner.....E. P. Hayes.

Designer...Andrew P. Hill, Jr.

Contractor..P. J. Schmidt, 1222 Delmas Ave., San Jose.

Filed Mar. 31, '13. Dated Mar. 29, '13.

2nd story cutting joists on.....\$1645

Roof on & rough plumbing done 1635

50% interior finish done.....1635

Contract finished.....1635

Usual 35 days.....2185

TOTAL COST, \$8735

Bond, \$4368. Sureties, W. M. Stalker and V. Serman. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BLK 4 SARATOGA PARK TRACT, Saratoga. All work for one-story frame building (2 stores).

Owner.....E. M. Holmes, Saratoga.

Architect...F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor..John Rodonli, Saratoga.

Filed Mar. 29, '13. Dated Mar. 26, '13.

Frame up.....\$960.75

1st coat of plaster on.....960.75

Building accepted.....960.75

Usual 35 days.....960.75

TOTAL COST, \$3543.00

Bond, \$1921.50. Sureties, J. A. Kerr and R. L. Hogg. Limit, 50 days. Forfeit, \$5. Plans and specifications filed.

COR STEVENS CREEK ROAD North and San Salvador, south, Race Street east and Meridian road on west. Re-modeling north wing of O'Connor's Sanitarium.

Owner.....Mrs. A. M. O'Connor (for O'Connor's Sanitarium) Premises.

Architect...L. T. Lenzen, 110 S-Second St., San Jose.

Contractor..Shottenhamer Bros, 401 S-Market St., San Jose.

Filed Mar. 31, '13. Dated Mar. 31, '13.

75% of material and labor performed.....

50% upon material delivery upon the grounds.....25%

Usual 35 days remaining.....25%

TOTAL COST, \$3448.50

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

BRYANT between Hawthorne Ave and Roe, Palo Alto. Part of contract for metal lathed and plastered dwelling house (wood frame).
Owner.....Clarence H. Jordan, Palo Alto, California.

Designer.....Roy Heald.
Contractor.....A. N. Mills, Palo Alto, Cal.
Filed April 3, '13. Dated April 1, '13.
1st of each month.....75%
30 days after.....25%

TOTAL COST, \$3422
Bond, \$2711. Sureties, D. J. Farris and Jno. Dudfield. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ON TWELFTH near Jackson, being E side S of Jackson, San Jose. All work for one-story and basement frame cottage.

Owner.....L. Tealman, Spokane, Washington.

Architect.....W. Klinkert, Ryland Bldg., San Jose.

Contractor.....P. T. Jorgensen, 575 W-San Carlos, San Jose.

Filed Mar. 31, '13. Dated Mar. 31, '13.

Frame up and rustic on.....\$1000
1st coat plaster on.....1000
When completed.....1000
Usual 25 days.....1000

TOTAL COST, \$4000
Bond, \$2000. Sureties, A. L. Hubbard and Chris Pallesen. Limit, 70 days. Forfeit, none. Plans and specifications filed.

SE PALM AND VIRGINIA, San Jose. One-story bungalow.

Owner.....S. Marchese, 806 Orchard, San Jose.

Architect.....F. D. Woolfe, National Bank Bldg., San Jose.

Contractor.....V. Magglo, 386 N-Fifth, San Jose.

COST, \$3000

N ACACIA, bet San Pedro and Popular Aves, San Jose. Five-room cottage.
Owner.....S. Lundberg, 174 Hobson, San Jose.

Architect.....None.

Day's work.....COST, \$2000

S COLUMBIA AVE near Bird Ave, San Jose. Two-room cottage.

Owner.....Curce Vincent, Premises.

Architect.....None.

Day's work.....COST, \$600

E FOURTH, 2nd Lot S of Margaret, San Jose. One-story warehouse.

Owner.....Hyde, Shaw Co, Premises.

Architect.....None.

Day's work.....COST, \$2000

NO. 324 S-ELEVENTH, San Jose. Six-room cottage.

Owner.....J. F. Clark, 308 S-11th, S. J.

Architect.....None.

Day's work.....COST, \$2000

NO. 521 N-TWELFTH, San Jose. Remodel residence.

Owner.....P. Baluna, Premises.

Architect.....None.

Day's work.....COST, \$100

N ASBURY, 2nd Lot W of Miller, San Jose. Four-room cottage.

Owner.....T. H. Anadel, Premises.

Architect.....None.

Contractor.....C. C. Lewis, Mountain View.

COST, \$1600

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED
Mar. 24, 1913—LOTS 7, 8, 9 BLK "C"
Spaulding Sub Town of Sunnyvale.
L H Vishoot to whom it may concern.....Mar. 21, 1913
Mar. 25, 1913—NW FIFTH & EGGLE-
bury, Gilroy. Howard Willey to E L Morris.....Mar. 24, 1913
Mar. 25, 1913—SAN CARLOS AND
Eleventh, San Jose. T E Smith to whom it may concern—Feb. 15, 1913
Mar. 28, 1913—LOT 9 of J A Morton
Sub, San Jose. Aksel Skrydstrup to whom it may concern.....Jan. 10, 1913
Mar. 28, 1913—NORTH NELSON WAY
Lot 4 of Knok Hill Tract, San Jose.
Fred Rumpf to S G Pelton.....
.....Mar. 26, 1913

Liens Filed.

SANTA CLARA COUNTY.

RECORDED AMOUNT
Mar. 25, 1913—NW CASTRO & VILLA
Mountain View Cal. S Petrina vs
Odell & Jurian and H A Spreen.....\$40
Mar. 28, 1913—NW CASTRO & VILLA,
Mountain View, Cal. J L Spencer,
\$105.60; R L Graybill, \$103.20; E J
McDonald, \$110 vs Odell & Jurian
and H A Spreen.....
April 1, 1913—NEAR COR FIFTH &
Eiglebury, Gilroy. Harry Wicker
vs E L Morris, Gilroy (Howard
Willey, owner).....\$277
April 1, 1913—NEAR COR CAPITOL
Ave and Hostetter Road near Town
of Berryessa. F D Sanders vs Daisy
L Masters.....\$64.89
Mar. 27, 1913—COR FIFTH & EIGLE-
berry, Gilroy. The Robinson Hard-
ware Co, vs E L Morris.....\$266.20
April 1, 1913—CASTRO AND VILLA,
Mountain View. G J Guth, \$356;
Dudfield Lumber Co, \$65; Fred L
Peterson, \$130 vs G W Odell, A
Jurian and H C Spreen.....
Mar. 29, 1913—CASTRO AND VILLA,
Mountain View. Alonzo-Rease, \$6.10
G W Tully, \$61.87½; L A Over-
house, \$62.52½; Thos F Taylor,
\$22.75; John Conti, \$8; R A Judson,
\$7.30; P M Peterson, \$47.02½; W A
Ayres, \$128.05; J M McDermott,
\$41.25 vs G W Odell, A Jurian and
H A Spreen.....

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE — 2 story and base,
frame, \$6,500. San Pablo, Contra Costa
Co., Cal. Architects, Newsom & Dixon,
812 Broadway, Oakland. Owner, Mr.
Gooddale. The house has been de-
signed for an eight-room dwelling with
all modern conveniences. Interior will
be finished in pine with some hard-
wood. Oak floors will be used in the
living room, dining room and reception
hall. There will be furnace heat and
open fire places. Mantels will be of
brick. Tile wainscot will be used in
the bath room and kitchen. There will
be an automatic water heater. Exterior
of the house will be covered with
shingles. Plans are being prepared
and when complete a contract will be
let through the architects' offices.

Building Contracts.

MARIN COUNTY.

PTN. LOT 34 SUB NO. 3 Gardner Tract
Addition to Eastland, Mill Valley. All
work for one-story frame dwelling.
Owner.....Walter W. Derr, Mill
Valley.

Plans by...P. Christensen.
Contractor.....Peter Johnson, Mill Valley.
Filed April 1, '13. Dated Mar. 31, '13.

Frame up.....\$690
Enclosed and ready for lathing.. 690
Completed and accepted.....690
Usual 35 days.....690

TOTAL COST, \$2760
Plans and specifications filed.

LOT 1 AND N 10 FEET LOT 2, Osgood
Tract, San Anselmo. All work except
painting and finishing for one-story
brick building.

Owner.....Mark Sherwin.
Architect.....Harris Osborn, Hearst Bldg
San Francisco.

Contractor.....Le Corneec & Warden.
Filed Mar. 31, '13. Dated Mar. 28, '13.

Brick walls up.....\$1408.75
Roof on and brown mortar in
and plumbing roughed in.... 1408.75
Finished and accepted.....1408.57
Usual 35 days.....1408.75

TOTAL COST, \$5635.00
Bond, \$2817.50. Surety, American Bonding
Co. of Baltimore. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

MOUNT TAMALPAIS CEMETERY.
Granite, marble, reinforcing rods,
plastering, asphaltting and concrete
gutter for mausoleum.

Owner.....S. H. Cheda, San Rafael.

Architect.....Joseph Parder.

Contractor.....J. L. Delano & Sons, Rock-
lin, California.

Filed Mar. 13, '13. Dated Mar. 10, '13.

½ granite set in place.....\$600
All granite set in place.....600
Completed and accepted.....600
Usual 35 days.....885

TOTAL COST, \$2685
Bond, \$700. Sureties, Thos. J. Campbell
and O E. Brady. Limit, 150 days from
March 10. Forfeit, \$5 Plans and specifi-
cations filed.

Building Contracts.

CONTRA COSTA COUNTY.

LOT 15 BLK 16 Richmond Boulevard
Tract. All work for four-room cot-
tage.

Owner.....Max Knittl, Alameda.

Architect.....Theo. Victor, Alameda.

Contractor.....George Kneppeler, Alameda

Filed Mar. 29, '13. Dated Mar. 6, '13.

Frame erected.....\$400
House plastered.....400
Building completed.....500

TOTAL COST, \$1300
Bond, none. Limit, 60 days. Forfeit,
none. Plans only filed.

LOT 17 BLK 35, City of Richmond. All
work for two-story frame store and
apartment building.

Owner.....Ray W. Farley and W. S.
Farley, Richmond.

Architect.....J. S. Osborn, Richmond.
Contractor.....Pedersen & Overa.

Filed Mar. 29, '13. Dated Mar. 25, '13.

Frame up.....\$680 00

Enclosed and roof on..... 680 00
Brown coat plaster on..... 650 00
Building completed..... 682 50
Usual 35 days..... 907 50
TOTAL COST, \$2630 00
Bond, \$1815. Surety, Southwestern
Surety Ins. Co. of Oklahoma. Limit, 90
days. Forfeit, none. Plans and specifi-
cations filed.

LOT 28 and part Lot 27 Blk 29, City of
Richmond. All work for garage.
Owner..... Frank T. Large, Richmond.
Architect..... None.
Contractor..... J. T. Kershner, Richmond.
Filed Mar. 31, '13. Dated Mar. 28, '13.
Frame up..... \$550
Building enclosed..... 550
Building completed..... 550
Usual 35 days..... 550
TOTAL COST, \$2200
Bond, \$1100. Sureties, W. H. Conn and
Geo. E. Knight. Limit, before May 1.
Forfeit, none. Plans and specifications
filed.

NEAR AVON, Contra Costa Co. All
work for refinery plant.
Owner..... Associated Oil Company.
Engineer..... A. F. L. Bell.
Contractor..... MacDonald & Kahn, S. F.
Filed Mar. 31, '13. Dated Mar. 14, '13.
Construction of shops and store
room..... \$4829
Construction of drum shed..... 4640
Construction of boiler house..... 5120
Construction of pump house..... 4900
As work progresses..... 75%
Work completed..... 25%
TOTAL COST, \$21,489

Bond, \$9750 to be furnished. Surety,
Massachusetts Bonding & Insurance Co.
Limit, forfeit, none. Plans and specifi-
cations filed.

LOT 14 BLK 48, City of Richmond. All
work for one-story frame residence.
Owner..... J. O. and Nellie B. Siegel,
Richmond.
Architect..... J. B. Ogborn, Richmond.
Contractor..... C. H. McCausland, Rich-
mond.
Filed Mar. 31, '13. Dated Mar. 27, '13.
Frame up..... \$296
Building enclosed..... 296
Plastering done..... 296
Building completed..... 297
Usual 35 days..... 395
TOTAL COST, \$1580

Bond, \$790. Sureties, W. H. Conn and
T. G. Conn. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED
Mar. 27, 1913—LOT 4 BLK 98, City of
Richmond. Michael Iversen to Paul
Glaser..... Mar. 27, 1913
April 1, 1913—LOTS 1 TO 18 INC and
25 to 32, Inc, on Canal Subdivn School
Add'n, Richmond. Richmond School
District to Stockholm & Alyn.....
.....Feb. 25, 1913
April 1, 1913—LOTS 22 AND 23 BLK
25, City of Richmond. Mary S.
Bertwell to J F Croll and Daniel
Barton..... Mar. 27, 1913
April 1, 1913—LOTS 14 AND 15 BLK
29, City of Richmond. Richmond
Elks' Hall Association, Inc to
Marshall-Doty Co..... Mar. 3, 1913

Liens Filed.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
Mar. 29, 1913—LOT 1 BLK 55, City of
Richmond. H L Penry vs M J
Kelly and J W Kelly..... \$1550
Mar. 29, 1913—LOT 1 BLK 55, City of
Richmond. Sam Fanal vs M J
Kelly and J W Kelly..... \$20.25

Liens Filed.

MARIN COUNTY.

RECORDED AMOUNT
March 31, 1913—YOLANDA COURT,
San Anselmo. C H Greaves vs T
Coughlin, G S Rice and C F Lodge
..... \$23.50

Completion Notices.

MARIN COUNTY.

RECORDED ACCEPTED
Mar. 20, 1913—SW FOURTH & Cljos
S 105xW 62. W I Thayer to Jos P
Williams..... Mar. 27, 1913
Mar. 22, 1913—PTN LOT 391 Tamal-
pais Land & Water Co Map No. 5.
W D and Enna E Brooks to whom
it may concern..... Mar. 11, 1913
Mar. 14, 1913—NE BOLINAS AVE &
Richmond Road, San Anselmo. E
Maggini to H H Jepson..... Mar. 12, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE ALTERA-
TION AND ADDITION—\$3,000. Stock-
ton, San Joaquin Co., Cal. Architect,
Walter King, Elks' Bldg., Stockton.
Owner, Mrs. Blanchard. A frame build-
ing which now occupies the site will be
raised and an addition of considerable
size will be added. Interior finish will
be of pine and some hardwood with
oak floors in the principal rooms.
Suites will consist of two and three
rooms. All apartments will have wall
beds and private bath rooms. Open
fire places and brick mantels are spec-
ified. The work will include new plum-
bing, plastering, painting and mill work.
The exterior of the building will be
covered with rustic. Plans are being
prepared.

BUNGALOW—1 story and base,
frame, \$3,500. Ripon, San Joaquin Co.,
Cal. Architect, Walter King, Elks'
Bldg., Stockton. Owner, H. L. Dickey.
The dwelling will be erected on Mr.
Dickey's ranch and will contain seven
rooms and bath. Interior finish will
be of pine throughout. Some hardwood
floors will be used. There will be fur-
nace heat and open fire places. Man-
tels will be of brick. Brick chimneys
are to be used. Tile will be used in the
bath room and kitchen. The exterior
of the house will be covered with rus-
tic. Plans are now being prepared
and bids will be called for shortly.

Building Contracts.

SACRAMENTO COUNTY.

NE FIFTH AND JAY, Sacramento.
Painting and decorating building.
Owner..... Young Men's Christian As-
sociation.
Architect..... E. C. Hemmings, 1005 K
St., Sacramento.

Contractor..... Horace W. Tyrrell.
Filed April 2, '13. Dated Mar. 25, '13.
COST, \$4665

W 1/2 OF 3, D, E, 27TH AND 28TH STS.,
Sacramento. One-story 6-room and
unfinished basement frame dwlg.
Owner..... James Buchanan.
Architect..... None.
Contractor..... Carl Koch, 3330 Cornell St.,
Sacramento.
COST, \$2650

FRESNO, MODESTO, STANIS- LAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base,
frame, \$4,500. Modesto, Stanislaus Co.,
Cal. Architect, Ralph P. Morrell, Odd
Fellows' Bldg., Stockton. Owner, G. C.
Nelson. The house has been designed
for a seven-room dwelling with bath
and sleeping porch. Interior will be
finished in pine with oak floors in the
principal rooms. There will be fur-
nace heat and open fire places. Man-
tels will be of brick or tile. Tile will
also be used in the bath room and
kitchen. The exterior of the dwelling
will be covered with pressed brick ve-
neer, rustic and cedar shakes. Plans
are being prepared.

THEATRE AND STORES—3 story
and base. Class A construction, \$150,-
000. Fresno, Fresno Co., Cal. Archi-
tects, Starbuck & Clark, Fresno. Own-
ers, J. B. Whitmore and associates.
Plans have been prepared for a build-
ing covering an area of 75x150 feet
and which is to be erected at the cor-
ner of Kern and K streets. Provision
has been made for a number of stores
on the first floor besides the theatre
proper. The main auditorium will have
a seating capacity of 1,600 people.
Upper floors of the building, not oc-
cupied by the theatre will be arranged
for modern offices. Construction will
be fireproof throughout. The theatre
will be handsomely decorated. Exterior
of the building will probably be faced
with pressed brick. Working drawings
have not been prepared. Further de-
tails will be given as the plans pro-
gress.

SCHOOL—1 story and base, brick,
\$35,000. Corcoran, Kings Co., Cal. Ar-
chitect, George M. Easton, Los Ange-
les Investment Bldg., L. A. Owners,
Corcoran School District. The building
will contain five standard class rooms,
auditorium, lecture room, two com-
mercial rooms, drawing room and prin-
cipal's office. Interior will be finished
in pine. There will be a central heat-
ing system. Exterior of the building
will be faced with cement plaster.
Plans are being prepared.

STORES AND OFFICES—14 story
and base. Class A construction. Cost
not stated. Fresno, Fresno Co., Cal.
Architect, Edward T. Foulkes, Crocker
Bldg., S. F. Owner, H. H. Brix. Only
preliminary plans for this work have
been prepared. The structure is to be
erected on J street, adjoining the
Griffith-McKenzie Building, and will
have a street frontage of 100 feet and
a depth of 150 feet. The first three
floors and the basement will be oc-
cupied by a large department store.
Upper floors will be subdivided into
modern offices. Construction will be
fireproof throughout. Further de-
tails will be given as the plans pro-
gress.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick and frame, \$40,000. Long Beach, Los Angeles Co., Cal. Architect, A. Burnside Sturges, Story Bldg., L. A. Owner, Dallas M. Cate. The building has been designed in the shape of a letter U and will cover an area of 125x96 feet. Interior has been arranged for 108 rooms which are to be divided into two, three and four room apartments. All suites will have connecting baths and wall beds. A central heating system, hot water supply, vacuum cleaning and elevators will be installed. Interior finish will be of pine. The exterior of the building will be covered with veneer brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick, \$40,000. Los Angeles, Cal. Architect, A. W. Riewe, California Bldg., L. A. Owner, A. S. O'Neill. The building will be 50x132 feet and will contain 75 rooms which are to be arranged in two and three room suites with wall beds and private baths. Interior will be finished in pine and some hardwood. Bath floors will be of cement. There will be steam heat, automatic elevator and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

GARAGE—2 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, R. E. Young & Son, Lankershim Bldg., L. A. Owner, Charles E. Anthony. The building will cover an area of 50x165 feet and is to be designed for a commercial garage. The front portion of the first floor will be arranged for offices and will be handsomely finished. The balance of the building will be given over to storage space and machine shops. Reinforced concrete construction will be used throughout. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are ready for figures.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, R. D. King and Edward C. Taylor, Consolidated Realty Bldg., L. A. Owner, Mark G. Jones. The building is being designed for a commercial garage. There will be a concrete floor, metal window frames and sash and special gasoline storage tanks. The exterior of the building will be faced with pressed brick. Plans are being prepared.

GARAGE—2 story and base, brick, \$12,000. Los Angeles, Cal. Architect, A. W. Riewe, California Bldg., L. A. Owner, P. V. St. Clair and A. E. Gordon. The building will be 45x145 feet and is to be used for storage purposes only. Interior finish will be of pine. There will be metal window frames and sash. The exterior of the building will be faced with cement plaster. Plans are being prepared.

CAR BARN—1 story and base, concrete and brick. Cost not stated. Los Angeles, Cal. Architect, M. C. Halsey, Pacific Electric Bldg., L. A. Owners, Pacific Electric Railway Co. The building, which will cover an area of 210x256 feet, will be erected in three sections, each 67x256 feet. There will be concrete floor and work pits, steel

room trusses and asbestos roof. The exterior of the building will be faced with cement plaster or stock brick. Plans are being prepared.

HOTEL—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichi. The building will cover an area of 50x150 feet, and will be arranged for stores on the first floor. Upper floors will contain about 63 guest rooms and a number of baths. Interior finish will be of pine and some hardwood. There will be steam heat and elevator service and a hot water system. The exterior will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOTEL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, T. J. Douglass, Jr., Grant Bldg., L. A. The building will cover an area of 50x100 feet, and is to be arranged with stores and the hotel lobby on the first floor. Upper floors will contain a number of baths besides the guest rooms. Plans include steam heat, elevator service and a hot water supply system. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

LIBRARY—1 story and base, brick, \$12,000. Glendale, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, City of Glendale. Plans for a Carnegie Library have just been approved. The building will cover an area of 36x70 feet and will contain general and children's reading rooms. Librarian's office, reference room and lobby. There will be a central heating system. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LIBRARIES—2, 2 story and base, concrete and brick, \$35,000 each. Seattle Wash. Architect, W. Marbury Somerville, White Bldg., Seattle. Owners, City of Seattle. Plans for both of these buildings, which have been designed for branch city libraries, will be completed shortly and bids will be called. Both buildings will be fireproof throughout. Exteriors will be faced with cement plaster. Interior finish will be of pine and hardwood. There will be central heating systems.

STORES AND LOFTS—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, J. Burton. The building will cover an area of 50x140 feet. The first floor will contain two stores and upper floor a large loft. Interior will be finished in pine. There will be patent store fronts and metal window sash and frames. The exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND LOFTS—5 story and base, reinforced concrete, \$120,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichi. The building will be erected on Los Angeles street and will cover an area of 116x140 feet. Construction will be fireproof. There will be metal window frames and sash. Four elevators and a steam heating system will be installed. The exterior of the building will be faced with cement plaster.

Plans are complete and figures are being taken.

OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, J. Martyn Haenke, Story Bldg., L. A. Owner, William H. Hearst. This project was mentioned in a recent issue. The property on which the new building is to be erected covers and area of 360x110 feet. The structure will contain the offices and plant of the Los Angeles Examiner and about 300 modern business offices. Further details will be given as the plans progress.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, brick, \$70,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Sidney Goldman. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price \$70,000.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, E. J. Borgmeyer, Stimson Bldg., L. A. Owner, Julius P. Smith, Contractor, C. S. Blodgett, 336 North Burlington Ave., L. A. Contract price not stated.

WAREHOUSE—3 story and base. Class A construction, \$100,000. Los Angeles, Cal. Architects, Hudson & Munsell, Stimson Bldg., L. A. Owners, John A. Roebeling Sons Co. Contractors, Alta Planing Mill, 830 McGarry St., L. A., general construction, \$60,000; Baker Iron Works, structural steel, \$38,200; Thomas H. Hogan, plumbing, \$1,500; Southern California Electric Co., electric work, \$1,504.

FACTORY ADDITION—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, J. E. Kunst, Higgins Bldg., L. A. Owners, Buffalo Baking Co. Contractor, J. M. Connors, Builders' Exchange, L. A. Contract price not stated.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, C. E. Bergin. Contractors, Davidson Construction Co., 16th and Tennessee Sts., L. A. Contract price not stated.

HOSPITAL—3 story and base, reinforced concrete, \$45,000. Los Angeles, Cal. Architect, Frank L. Stiff, Grosse Bldg., L. A. Owners, Westlake Hospital Association. Contractor, Weymouth Crowell, Story Bldg., L. A. general construction, \$35,200; Thomas Haverly Co., 517 So. Los Angeles St., L. A., plumbing and heating, \$7,800.

HOTEL—4 story and base, brick. Cost not stated. Ocean Park, Los Angeles Co., Cal. Architect, W. S. Garrett, Currier Bldg., L. A. Owners, Edward and John Newell, Contractor, E. P. Chapman, 724 Maple Ave., L. A. Note: This contract has been awarded on the percentage basis.

RESIDENCE—2 story and base, brick and frame, \$22,000. Pasadena, Los Angeles Co., Cal. Architect, Frederick L. Roehrig, American Bank Bldg., L. A. Owner, Mrs. Elizabeth Reighard, Contractor, L. P. Pomeroy, 488 So. Madison Ave., L. A. general construction, \$18,263.60. Separate contracts have been awarded for the plumbing and painting.

STORES AND LOFTS—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, none. Owner, Jotham Bixby, Contractor, V. P. Gilbert, 524 Douglas Bldg., L. A. Contract price not stated.

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Thirteenth Year, No. 15.

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
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Successor to:

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Industrial News of Alameda Co.
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—== THIS WEEK'S ILLUSTRATIONS: ==—

Complete Floor Plans, The Two Elevations
And Sectional Drawing Of The First Of
Sacramento's New School Buildings From
The Drawings of Shea & Lofquist, Architects,
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TUESDAY, APRIL 15, 1913.

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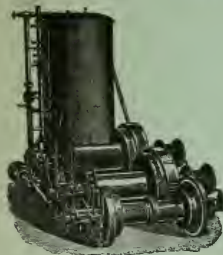


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Thirteenth Year No. 15

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ASSOCIATION OF CALIFORNIA.

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Editorial Comment.

Building operations for the month of March, as reported to the American Contractor, show a loss in the aggregate of about 4 per cent as compared with the same month last year. Considering the unprecedented storms and floods that have devastated many of the building centers in the middle west and has materially affected all building in the eastern states the loss is not unexpected or even as great as one would suppose. Reports from some forty-five cities throughout the country show the following figures:

	March, 1913. Cost.	March, 1912. Cost.
Akron	\$ 235,060	\$ 190,710
Baltimore	814,874	561,375
Buffalo	1,694,743	507,000
Cedar Rapids	151,000	124,000
Chicago	7,690,600	4,743,600
Columbus	307,328	458,966
Denver	322,400	591,650
Duluth	1,797,205	114,125
Fort Wayne	209,672	293,000
Grand Rapids	184,750	123,780
Harrisburg	141,555	99,075
Hartford	453,505	830,100
Indianapolis	754,305	558,780
Kansas City	911,260	1,166,730
Los Angeles	3,024,213	1,687,780
Manchester	91,480	73,801
Memphis	573,321	499,000
Milwaukee	655,389	430,987
Minneapolis	755,885	1,272,215
Nashville	186,654	75,163
Newark	1,173,888	790,234
New Haven	289,482	806,455
New Orleans	553,301	772,790

Manhattan	9,287,233	17,142,599
Brooklyn	3,018,295	4,686,495
Bronx	3,290,178	3,400,245
New York	15,595,706	25,229,339
Norfolk	378,177	556,740
Oakland	812,394	673,146
Omaha	265,575	254,400
Petersen	137,187	311,245
Philadelphia	6,206,600	3,691,895
Pittsburg	716,817	1,517,452
Portland	868,760	1,782,441
Rochester	732,941	1,506,838
San Francisco	2,171,583	2,146,011
St. Joseph	1,063,236	22,083
San Antonio	192,830	455,014
Scranton	86,306	221,360
Seattle	768,850	55,950
Sioux City	155,335	848,985
South Bend	32,802	72,145
Toledo	382,235	35,700
Wilkes-Barre	167,311	417,271
Worcester	469,812	101,776

Total

Total	\$54,266,864	\$55,587,308
-------------	--------------	--------------

Oakland, San Francisco and Los Angeles have shown gains for the past month while Portland and Seattle show

a slight depression. Insofar as the money market and business generally has shown inactivity and there is some uncertainty as to the tariff situation, the general building situation is just about as could be expected under the circumstances.

For getting into the newspapers with family troubles and scandals generally the architectural profession seems to be in a class by itself.

More limestone 's produced in the United States than any other kind of stone, not excepting granite, and its value is also greater.

The value of the limestone output in 1911, according to the United States Geological Survey, was \$33,897,362, a decrease of \$706,316 from the figures for 1910. The decrease in value was chiefly in limestone used for fluxing. These figures do not include the value of most of the stone that is burned into lime, nor a large quantity of limestone used in the manufacture of Portland cement.

The principal states that produced limestone in 1911 were, in rank of value, Pennsylvania, Ohio, Indiana, Illinois, New York and Missouri, each having an output of more than \$2,000,000.

The approval of the Chronicle and some of the improvement bodies of the compromise of the Board of Supervisors and the United States with regard to the use of the lower Market Street tracks seems to cast suspicion upon the measure. It is not all probable that the railroad is losing any thing or is not in fact gaining a great deal by the compromise.

The recommendation of Mr. Arnold as to a forty year extension of the railroad franchises also meets with their approval. It is a pretty safe bet that if the people turn down the whole proposition they will be doing themselves a favor at the coming election.

The Chronicle sees grave danger in the upbuilding of a political machine by the workmen's compensation bill. It is too bad that the Southern Pacific machine or the United Railroads machine never inspired the Chronicle with any degree of apprehension. If the compensation bill is wrong in principle go up to the public hearing and fight it out in the open. If the poor unfortunate employer is to be pursued beyond the grave he certainly ought to have a chance to be heard. So that some of the tears that splash over the editorial page of the Chronicle may be saved for the public and the harrowing tales of future woes may be tossed in public forum and affect the proposed perpetrators of this deadly act.

Canadian Architecture. Its Development And Surroundings.

(Reprinted from Construction.)

The paper read before the Royal Institute of British Architects, London, January 20, by F. S. Baker, P. R. I. R. A., was listened to with unusual interest. The members were agreeably surprised at the rapid progress of architecture as depicted by the speaker. Mr. Baker gave his subject life in showing the various types of commercial and domestic buildings by means of lantern slides and photographs. It has given us a better value of the artistic character which is permeating every branch of construction throughout the Provinces, and we feel that the basic principles of true art are being applied in a thoroughly wholesome and practical manner.

The former part of Mr. Baker's address dealt with the general conditions which surround the architectural profession in Canada. The following extracts, taken from the paper, may be of interest to the readers of "Construction" as a summary of many phases already appreciated, but many which may never have been considered in their vital importance to the future development of the Dominion's commercial growth.

After an expression of appreciation for the honor bestowed upon him by the Institute, Mr. Baker said: As in England, the system of "pupillage," but without fees, is the most common commencement for the would-be-architect. In four of the Provinces—Quebec, Manitoba, Saskatchewan, and Alberta—the title architect is protected by law, and no one may call himself and architect unless he has complied with the law, and qualified by passing certain examinations prescribed by the Act. A fifth Province—Ontario—also has an Act, but, owing to the insertion of the word "Registered" before "architect" by the Government of the day, it has no effect, and anyone who pleases may call himself "architect." The remaining Provinces are all organizing with a view to obtaining legislation similar to that in force in the four Provinces above named. In all of these four Provinces the degree of Associate R. I. B. A. is accepted as a satisfactory qualification for admission to membership at present, and here I may say that the Royal Institute of British Architects is held in very high esteem throughout the Dominion. The universities of these Provinces, including Ontario, have special courses in architecture, and issue degrees.

Owing to the fact that in Canada the builder takes out his own quantities, drawings have to be made very complete, and this has tended to raise the quality of draughtsmanship throughout the country, and, incidentally, gives the student a chance to learn details of the work which an English student does not come in contact with. If this is a reason in favor of the lack of quantities, the opposite must be said in the difficulties occasioned the practicing architect in dealing with builders, owing to the lack of the system in vogue in England.

At present there are no travelling

scholarships in architecture, and the necessity for these is becoming more and more apparent. Private "ateliers," in which practicing architects of the younger school mostly are patrons, are available for the students in many of the larger towns during the winter.

It has been said that "the next fifty years will decide the character and type of Canadian architecture," but having regard to the extreme youth of the country, such an event would seem to be most unfortunate, and I for one would like to feel that the students of fifty years hence will have something to strive for in creating a greater excellence than the art will then have reached in Canada. It should be said, however, that the Classic orders are fairly well understood, the value of proportion appreciated, and the application of ornament and mouldings handled in a conservative way.

Mr. Baker showed how the extreme changes in the climatic conditions necessitate careful precautions in all branches of the building trades. In referring to the natural products, the vast resources of the Provinces were brought vividly to our attention and considerable emphasis was laid on the fact that Canada would soon be able to supply all her needs in this direction. The reference to marbles, stones, etc., was as follows:

Splendid marbles are now procurable, suitable for almost any purpose, and I will not be surprised if when these quarries are fully opened marbles will be found which equal any which have been produced on the continent of Europe. In the eastern part of the country very fine granite is obtained, and also in Central Ontario. Good limestones are quarried in the Eastern Province, and throughout Ontario, and the West in many parts.

The Portland cement produced in Canada is excellent; everywhere fine grit sand is obtainable, and good limes are burnt in nearly all districts. Canadian bricks are well known for their excellence, but the production of terra cotta, other than hollow blocks for fireproof construction work, is limited. Steel sections are rolled from Canadian ore in nearly all the large centers. Castings in metal of good quality are easily obtainable. Canadian woods are well known: white pine, red pine, and spruce, white and red oak, birch, maple, walnut, cherry, butternut, white-wood, and cedar are the commonest varieties. Wood of all kinds is becoming more and more difficult to obtain, and the price is advancing, with the result that what is known as "fireproof construction" is becoming more and more popular. Sheet metal, galvanized iron, and copper are almost entirely imported. Sheet lead is, of course, scarcely used for flashing purposes, owing to the large range of temperature which prevails. Paints and oils are produced on a large scale, and of excellent quality, but the high grades of glass are as yet mostly imported. Sanitary pipes and fittings, as well as fixtures, are manufactured, but a large quantity is also imported. Gas and electric pipe, fittings, and fixtures, with all

kinds of glassware, are made in most localities.

Considerable interest was shown to Mr. Baker's answer of the article on "Imperialism and Architecture." (Printed in "Construction," Nov., 1912.) He referred to the statement that the U. S. American "ideals and methods of expression" are being appropriated by Canadians and granted that the Canadian architects have been experimenting along U. S. American lines in the designs of all classes of buildings. Mr. Baker qualified this point with the following comment: "I can say definitely, however, that American ideals and methods of expression are not being adopted any more than those of any other country, except in so far as they apply more conveniently to conditions in Canada. In the matter of design, I believe I am right in saying that the British influence is much the strongest one affecting Canadian architects, who, generally speaking, are strong Imperialists." As for the fact that "in Vancouver, Toronto and Montreal, the largest and handsomest buildings are the works of American architects" it was forcibly denied. The statement brought forth the following TWO March 27 HOYT

comment: "I know of only two large buildings in Montreal which have been erected in the last twenty years under U. S. American architects. In Toronto, strange as it may seem, the Anglican Cathedral of St. Alban is the only building I know of which is in the hands of a U. S. American architect. Winnipeg has one bank and one railway terminal designed by New York architects. Vancouver may have a building which has been designed by a U. S. American architect, but I am not aware of its identity. There is no reciprocity between the architects of the United States and Canada, and both are subjected to practically prohibitive customs tariffs. In the above I do not include architects who have permanent offices in Canada as well as in New York; but if they were included, and I say it with all modesty, the works of Canadian architects far away surpass those few buildings which have been erected by foreign architects. Canadian statesmen, benefiting by past experiences of Great Britain and other nations, have taken precautions which make it practically impossible for foreigners to exploit the opportunities which Canada presents in any way except that which will most benefit Canada. Thus it is that many manufacturers of building materials residing in foreign countries and wishing to avail themselves of the Canadian market have found it desirable to establish a factory in Canada.

Reference was then made to the work already done in the field of architecture. Among other notable structures were described the Federal Government Buildings at Ottawa, and those which house the Legislatures in each Province; the Provincial buildings at Victoria, city halls, post offices, court houses, public libraries, hospitals, art galleries, churches, etc.

The following types of buildings were then taken up, which demonstrate clearly the rapid progress that is being made in the various phases of commercial life.

Canadian shops are, generally speaking, of a fairly high class, and show a good deal of skill in their planning and arrangement. In contra-distinction to the English custom, the authorities in Canada permit huge shops to be erected as one room to each floor, and the effect of this in the large stores, with their wealth of stock, is bewildering. The newest of these shops are, of course, of fireproof construction, and are fitted with automatic sprinkler installations, and every known precaution against fire is taken.

The wholesale warehouse is a very distinct type of building, and is usually a fine structure. Lately these have been built of in-proof construction, reinforced concrete, or steel frame with tile or concrete casing. Most of them are fitted with automatic sprinkler installations and every other known method of preventing fire. In this way the cost of insurance on buildings and their contents has been reduced to a nominal sum, even in the most congested districts of the large cities.

Perhaps the most ornamental buildings throughout Canada are the banks and their branches. There are some thirty chartered banks in Canada, and many of these have upwards of 300 ranches each. The designing of these banks has brought perhaps more good architecture than any other type of building in the country, as so much work of high class is involved.

The author also referred to Canadian office buildings, railway stations, hotels, houses, theatres, educational buildings, and dwellings of the people. The dwellings of the people are mostly of the bungalow type, and are mostly of brick or wood. Although Canada is a wood country, wooden houses do not predominate; they are mostly of brick or wood. Many of those which are apparently brick have a wood frame, with a brick veneering of the thickness of a half brick, and this type of house is a wholesome and satisfactory one.

This report would not be complete without the valuable discussions entered into by the members present, which are presented herewith, in which high Imperial note is evidenced.

The President, Mr. Reginald Blomfield, A. R. A., said they had had a most vivid and interesting paper from Mr. Baker, and were fortunate in having present two distinguished gentlemen whom he would call upon to propose and second a vote of thanks. One was Mr. Herbert Baker, who had a brilliant reputation in South Africa, and the other was Mr. J. G. Colmer, a very distinguished Canadian, who had done a great deal for Canada in this country. He would therefore call upon Mr. Herbert Baker to propose a vote of thanks, and Mr. Colmer to second it.

Mr. Herbert Baker (F.R.I.B.A.) replied that he had given him very great pleasure in being present to hear the most interesting lecture just delivered to them, and well as to propose a vote of thanks and namesake from across the seas.

Mr. Baker had shown most ably how very progressive Canadians were in their architecture. But this was only to be expected by those who knew how very up-to-date, energetic and progressive Canadians were, and how they had as their immediate neighbors the most energetic of all nations, who had shown, particularly in their architecture, such Titanic powers. But he was glad to hear from Mr. Baker that the Canadians had no more intention of being swallowed by these Titanic neighbors in their architecture than in their nationality. He was one of those who thought that the principle "Art for Art's sake" was a very dangerous one; it might take them along the "primrose path of dalliance," but would not carry them far up the "steep and thorny road to heaven." And that heaven or ideal before them was to interpret or give expression to the highest national feelings of their race and nationality. And if Imperial Federation should ever become a real fact—and Canada had recently shown by her great gift of Dreadnoughts how very earnestly she was striving to this end—then architects all over the Empire must be prepared by study to give expression to those ideals. If they were to have the same unity in their architecture as they hoped to have in their federation of nations, it did not mean that either in politics or architecture they must give up their separate national individuality; indeed that would be quite impossible. Climatic reasons alone forbade. He did not think that it was generally sufficiently realized in this northern climate how great the effect of climate was upon architecture. He did not think that sufficient importance had been given to it in the text books. They knew the saying of Italians that "only dogs and Englishmen walk in the sun." He thought that in the books one reads on architecture the authors had not got beyond "the walking in the sun" stage; they looked upon the sun as simply a thing of enjoyment, and did not realize that most southern nations had worshipped the mid-day sun as an evil deity. When one lived and worked under a semi-tropical sun one realized the dominant influences it had upon architecture. To his mind Gothic architecture was not developed so much as text books made out through the special characteristics or the "crusading spirit" of northern nations, although these no doubt had a large effect, but also entirely by the demand for letting sun and warmth into buildings. So that the effect of climate, particularly in the southern dominions—perhaps less in Canada—together with the special needs and individuality of the people, would give a distinctness and individuality to its architecture. The question was how best to get this Imperial unity and spirit into our architecture. He thought it could be done largely in two ways; first, through their Mother Institute, which had come to be the real mother to nurture all its children; and, secondly, through the British School at Rome. He should like Mr. Baker to take back to Canada an idea of the value of that school. Some four or five architectural students from South Africa had been receiving the advice and hospitality of the school. Any British subject who was a genuine student of art could be made a member of the school, but although there had

been four or five South African students there, there had been no Canadians; and he hoped Mr. Baker would take back this fact and explain it to his brother architects in Canada. The best way was to get at the students, and he should like to see scholars from all parts of the Empire coming to study in Europe—they must often come to the Old World—under the direction of the Mother Institute and of the allied British Schools at Rome and Athens. And it would be good for all architects, young and old, to pay a pilgrimage every few years to St. Paul's and then to the Pantheon, to stand under those majestic domes, so as to adjust their sense of scale. He hoped, therefore, that Mr. Baker would take back this message, and that in a few years they should hear of Canada making a present to the Mother Country of three fine young architectural student Dreadnoughts!

Mr. J. G. Colmer, C. M. G., in seconding the vote of thanks, said he had no hesitation in expressing his satisfaction at the piece of work which had been presented to them that evening by Mr. Baker. It gave a very admirable illustration of what architecture had done and was doing in Canada, and he believed it would give as much satisfaction in Canada as it had done in that room. Canada, it was true, was a very young country, but, as they had seen in Mr. Baker's illustrations, Canada had reason to be proud of its buildings. No one could go there and travel from east to west without being impressed with the character of the buildings, both public and private; they would be found to compare favorably with the buildings in towns and cities of similar size whether in the United States or in the United Kingdom, and that was saying a great deal for a country whose history was so recent as that of the Canadian Dominion. Mr. Baker had spoken of the opportunities for architects in Canada. That was a matter about which he had had some experience; he had known many young architects go from this country with letters of introduction, who had seemed to fall on their feet at once, and had not been long in making reputations for themselves and in making money, which was sometimes more favorably regarded even than reputation. What he liked in Canada was that there was no professional jealousy there. If a young architect went there he was welcomed, and given every assistance, counsel, and advice, and was regarded as an additional factor in helping the building up of the country of which the Canadians were so proud. Mr. Baker had mentioned the absence of art galleries. That, unfortunately, was true, but in a young and vigorous community like Canada, where they were busily engaged in making money and developing their country, they had not so much time to devote to what they regarded as luxuries as people in older countries. But they had art galleries, and Mr. Baker would confirm him, that both in Montreal and Toronto, as well as in some of the other cities, there were magnificent collections of pictures held by private persons. Many masterpieces were now in Canada; and he should like to think that those pictures, being there, would not only remain there, but would increase in numbers, and that they would form by and

by a splendid nucleus for a great art collection in Canada.

Mr. T. H. Mawson (Hon. A.): In the matter of work I may claim to be as much Canadian as an Englishman. I am therefore delighted to meet Mr. Baker on this side of the Atlantic, for I know from personal experience what a salutary influence his work, his enthusiasm, and, may I add, his personal charm exercise over the architecture of Canada. Great art, it is said, is only possible when great ideas are patent and the prevailing atmosphere. Our lecturer is a man of great ideas, and for this reason I regret that his overmastering modesty has led him to withhold views of his own work. Canada is truly a country of pulsating energy, here men of vision, the true pioneers, are ever building castles in the air, while others are laying broad foundations upon which these dreams, materialized, may firmly and safely rest. Do you remember that fervently eloquent address which Mr. Forbes Robertson delivered some time ago before the London Society in which he mentioned the Artist Cardinal who had told him that Greece developed her highest forms of architecture in her colonies? History, he said, promised to repeat itself in our colonies. I think Mr. Robertson's statement was meant as a warning and yet as a hope. So far as Canada is concerned, there is great hope, but I am bound to confess that I detected in Mr. Baker's address a disturbing element when he spoke of preference for English ideals. I wonder if I misunderstood him? Does he mean the ideals of today, or the English traditions we so easily laid aside? I am sure that every Imperialist (if he be also a patriot) would desire, above all things, that Canadian architects should go for their inspiration to that which exhibits the most consummate skill in its planning, the most scientific form of construction, the ripest scholarship, and the highest imaginative qualities rhythmically expressed. These are qualities which are not necessarily and wholly British possessions. Canadian architects are to be trusted, however, for every office of recognized standing possesses its well-selected and well-ordered library, housed in a separate room, which is the common room for principals and staff. Any office which centers round so much learning is sure to turn out excellent and inspiring work. Speaking as an onlooker and without that wide experience possessed by Mr. Baker, I should have thought the influence of the McKim and the Ecole des Beaux-Arts traditions were stronger than he seems to admit, and that the work of American architects, including the large number of railway stations designed by New York architects, and also the Gothic work of Cram and Ferguson, especially in the cathedrals at Halifax, Nova Scotia, and at Toronto, were also strong influences. I admit, however, that it was a perfect joy to me to see our Collegiate Gothic handled in such a masterly way by firms like Sprout & Ralph, of Toronto, and Brown & Valance, of Montreal, in the Universities of Toronto and Saskatoon. Also to see the fine work of the brothers Maxwell at the Regina Parliament Buildings, and the fine domestic work being done by Mr. Baker himself and others, like Mr. Meredith, of Ottawa, and Mr. McClure, of Victoria, and our friend Mr. Lawrence Goltch in Calgary.

Mr. Baker and I are mutual admirers of the strongest of all influences now operating in Canada. I mean the work of that delightful man and great artist, Mr. Frank Darling, of Toronto, one of whose banks has been shown on the screen and met with your applause. It is by the work of this high excellence that Canadian architects are wrestling commissions from American competitors; and, may I add, it is by ability to do equally good work that young English architects will find a foothold in the Dominion of Canada. Just one word about the craftsmanship of Canada. I do not say any country where one can see such perfectly beautiful brickwork or where patent stone is treated in such an honest an inoffensive way. Woodwork is most excellent; half-timber work, however, has never seemed to me to reach the quality of English work, but this is probably more the fault of the architect than the craftsman. I think metal casements are rapidly coming into use in Canada; in fact I know of one firm alone who have paid an English firm \$78,000 for casements alone during the last three years. Westmoreland slate is beginning to be used and should eventually oust the American slates. Much of the metal work is charming, both in design and craftsmanship; sanitary fittings, central heating and vacuum cleaners, and every domestic labor-saving appliance has reached a higher degree of excellence than at home. Garden design, "the greater perfection," as Lord Bacon says, is little understood; but now that Canada has grown "to the age of civility and elegance," the art of garden-making will soon take its place and give the ideal setting to many truly ideal homes. Mr. Baker says that everywhere in Canada great interest is being taken in city planning. I, together with my friends Mr. Unwin and Mr. Vivian, have had some little share in fomenting an anxiety for civic betterment, and I am, therefore, delighted to be able to confirm his statement; and let me say in this connection that the Dominion owes a great debt in this matter to the influence and active support given to the movement by the late Governor-General Earl Grey. They are also most fortunate in having H. R. H. Field-Marshal the Duke of Connaught another Governor-General who is deeply interested in city planning and everything which has to do with the development of a national and characteristic architecture. May I, in conclusion, suggest that this Institute might organize a trip to Canada. They would find true British hospitality and much to encourage them. In short, the trip would prove the most perfect mental tonic.

The President said they had had a most interesting paper from Mr. Baker, and were very grateful to him for having crossed the Atlantic to tell them about the architecture of their kinsmen beyond the seas. It was clear from his account of what was being done in Canada that their colleagues there were addressing themselves to the problem of architecture in a very practical and strenuous spirit; they were going into the essentials of the matter. In their banks, their public buildings, their hospitals, they were determined to have something which would answer the purpose, and that

after all, was what architects had to strive for, whether in the old country or in the new. He gathered from what Mr. Mawson had said that Mr. Baker was himself responsible for some beautiful buildings which his modesty prevented him from showing illustrations of. There was of course a point at which such a country as Canada, with all its splendid promises, must be, to use a vulgar phrase, "hung up" because it had not the tradition of architecture, and it was there that we of the old country might be able to help. Of course, we ourselves were rather like the Prodigal Son; we had not only no tradition, but several, and we have squandered them all. And now our business was to build up this tradition of architecture. But even though we were prodigals and bankrupts, and several other things, we could not escape the consciousness of a great historic past in architecture. It was in that consciousness that the hope of the future of architecture in this country rested; and he was sanguine enough to think that that hope was not without foundation. Mr. Baker had said many things which they had listened to with great interest, and some which they all welcomed very heartily. He told them—and Mr. Herbert Baker of South Africa had confirmed him on that point—that their Institute was regarded with very high esteem, and even affection, in those two great countries, Canada and South Africa. That was very welcome to them, because the Institute had to weather many storms, and might have to weather many more; but this loyalty of far-away countries, from those who were gone from them and were practicing architecture across the seas, was one of the most encouraging things he knew. Mr. Baker also told them that in his opinion the most predominating influence in Canadian architecture was the British influence. That, again, was very encouraging. It was very significant that both Mr. Baker and Mr. Nobbs, the professor of McGill University, should have urged the same appeal for some collections of replicas, and reproductions of the best work that had been done in this country in the past, something such as they had in the Trocadero in Paris of the great French works. That was a very important appeal. We had the architectural Museum at Tufton street, but every one would admit that it was inadequate, and he thought we should do what we could in our own way to help this appeal. Mr. Herbert Baker had pointed out the splendid patriotism and genuine feeling in Canada with regard to the Mother Country. This was more than we thought possible a few years back, but now it was a magnificent fact, and they should do what they could to help in this matter, as he hoped the appeal would not pass unheeded at Whitehall. They heard Mr. Baker throw out certain speculations as to the future of Canadian architecture during the next twenty years. He regretted to say he differed from one of the speakers; he did not think the path indicated by that speaker was one he should hope to see in the future architecture. One great member of this Empire, he thought the neighbors of the great Dominion had possibly over-reached themselves, and had fallen a little too impetuously into the net of modern French architecture, because, he now

hardly point out, modern French architecture was not the same thing as old French architecture. It was a very different thing, although he should be the last to disparage the work of his colleagues and friends across the channel, some of whom did splendid work. But the modern vernacular of French architecture was not a thing to be adopted as the basis of a great tradition. They hoped that future architecture of Canada would be founded upon an old tradition; whether French or English was for their colleagues in Canada to determine. If they followed those lines, he did not think they would have any difficulty, with their great ability and force of character and splendid possibilities, in establishing a great tradition of architecture. He did not doubt that that tradition would be perfectly elastic and adaptable to all the requirements of modern civilization. And he would draw Mr. Baker's attention once more, as Mr. Herbert Baker had done, to the Imperial aspect of the case—viz., to the new British School at Rome. It was one of the most important departures in architectural tuition in the last fifty years, because if properly handled much might come out of it, and they should hope to see some brilliant young Canadians at work there.

Mr. F. S. Baker, in reply, said: I thank you for Canada and for myself for the kind and hearty reception which you have given my paper. If I have been able to tell you anything about the country which is so far away from you, and which probably thinks more about you at home here than you have time to think of it, I shall feel very glad. I commend it to your study, because it is a large district, and there is no doubt its development will go along the lines that the people who go to live there outline for it. It has been most interesting for me tonight to meet Mr. Herbert Baker from South Africa. I am sorry I cannot claim him as a kinsman, but I feel very proud that a man of the name of Baker should be such a distinguished gentleman. He comes direct from Rome, where he has been closely in touch with the new British School of Architecture, and I shall certainly make it my duty, on going back to Canada, to bring full particulars of the scholarships and the opportunities presented by that school to the members and students of the profession in Canada. You must realize that our students are few in number, and are not well off; and it is not easy for them to contemplate the spending of a few years in Rome. Most of them are boys who are making their own way, and are not the sons of rich men. I am afraid the sons of rich men in Canada look for some easier work. What Mr. Baker said about climatic conditions is true. It would be absurd to see a delicate Spanish cornice hanging with great icicles or piled up with snow; and there are many things possible in Spain and South Africa which would not be possible in Canada. And I think that is what most impressed Mr. Richardson after his studies in France and Spain, namely, the necessity of using materials in America in a way suitable to the climate. That is why we have those unusual works which were designed by him. Mr. Maxson spoke of the McKim, Meade & White office and its effect on Canadians. But while the highest tribute must be paid to them

individually and as a firm for the wonderful buildings which they have produced, there is not in Canada a feeling that the school of McKim, Meade & White is an altogether desirable one. There is certainly there—and our president's remarks have brought it to my attention—very clearly the desire to follow the tradition that goes back beyond any result which McKim, Meade & White have attained. There is arising now in Canada a collegiate Gothic architecture—and there are some photographs amongst those I brought over which show its commencement, and I hope indicate a good future for it—which undoubtedly is based upon the sound tradition of perhaps the best period of English architecture. I think many Canadians accept the idea that not only in architecture, but in almost everything, England has experimented, and finally arrived at a conclusion which might be called a conservative conclusion, and having tried all, has adopted which seemed some good private art collections, but best to her. We have undoubtedly

they are not available for the student, and I do not hesitate to say that adequate buildings will be forthcoming when the collections can be obtained. I think we have to look to England for assistance in obtaining these collections. The Ecole des Beaux-Arts has been spoken of tonight as if Canadians were strongly influenced by it. I think it is largely owing to the work of Professor Nobbs that that school, the excellence of which is universally accepted, is not held in higher esteem in Canada in its results than is the sound training obtainable in England. It is recognized that while the old French work was magnificent, the modern French work is not so much to be admired, nor are, in my humble opinion, the modern French methods of draughtsmanship. Something straightforward, something plain and useful and sensible is what the Canadian is always looking for. If he can get the direct result in a direct way, that will convey without loss of art the correct idea to his critic, that is what he wants.

Persons desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$50,000. Architects, Falch & noll, Hearst Bldg., S. F. Owner, Miss D. Loaiza. This building will be erected at the southwest corner of Taylor and Washington streets and will cover an area of 55x137½ feet. The two first floors will contain a total of 17 large apartments, arranging from two to four rooms each. There will be steam heat, an automatic elevator and a vacuum cleaning system. Interior finish will be of pine and hardwoods. All suites will have private baths and wall beds. A hot water system will be installed. The first floor is to be fitted up for the owner's residence and will contain in the neighborhood of 15 rooms. Interior trim will be of pine, oak and mahogany. Bath rooms will be finished in tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

ALAMEDA, ALAMEDA CO., CAL.—Apartment house, 2 story and base, frame, \$15,000. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The building will be erected on a lot with two street frontages. Only preliminary plans have been prepared and details of the construction are not available. The interior will be arranged for two and three room suites. The exterior will probably be faced with cement plaster. Complete details will be given as the plans progress.

OAKLAND, CAL.—Apartment house, 1 story and base, brick and steel, \$67,000. Architect, C. W. McColl, Central Bank Bldg., Oakland. Owner, Dr. R. B. Ayres. The building will be erected at the corner of 14th and Oak streets, and will contain a large number of two and three room suites with all modern conveniences. Interior will be finished in pine and hardwoods. Plans provide

for steam heat, vacuum cleaning system and elevator service. Bath rooms will have cement floors and tile wainscot. All suites will have private bath rooms and will be equipped with wall beds. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

3 story and base, frame, \$30,000. Architects, A. F. and O. M. Rousseau, Mohadnock Bldg., S. F. Owner, Mrs. Wilhelmela Street. The upper two floors of the building will be arranged for sixteen suites of two and three rooms each with private baths and wall beds. The first floor will contain two modern stores. Interior finish will be of pine and some hardwood. Bath rooms will have tile floors and the baths and kitchens will be wainscoted with Keene's cement. There will be a central

OAKLAND, CAL.—Apartment house, heating system. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 5 story and base, brick, \$100,000. Architects, A. F. and O. M. Rousseau, Mohadnock Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Telegraph and Durant Ways, and will cover an area of 90x100 feet. Plans show a total of 100 guest rooms, which are arranged in suites of two and three rooms each with bath. Interior will be finished in pine and hardwoods. Bath rooms will have tile floors and wainscot. A unique feature of the building will be open air sleeping porches in connection with all apartments. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

PORTLAND, ORE.—Apartment house, 4 story and base, brick. Cost not stated. Architects, Claussen & Claussen, McCleay Bldg., Portland. Owner, Dr. W. L. Wood. The building

will cover an area of 62x100 feet, and will contain 35 apartments of two and three rooms each. All suites will have private bath rooms and will be equipped with wall beds. Interiors will be finished in pine and hardwood with tile, linoleum and cement floors in the bath rooms. There will be steam heat, elevator service and vacuum cleaning system. The exterior of the building will be faced with pressed brick. Segregated bids are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, William Bush. The building is to be erected on a corner and will be arranged for one store on the first floor and five apartments of two and three rooms on the upper floors. Interiors will be finished in pine and some hardwood. Tile will be used in the bath rooms and kitchens. A water heating system will be installed. The exterior of the building will be covered with cement plaster and brick veneer. All suites will have wall beds and private baths. Plans are being prepared.

SAN FRANCISCO—Apartment house, 5 story and base, Class C construction, \$50,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, P. J. Gartland. The building is to be erected on Geary street and will have a frontage of 42 feet and a depth of 120 feet. There will be two stores on the first floor besides the entrance. Upper floors will be divided into 88 rooms, which are to be arranged in two and three room suites with private baths and wall beds. There will be steam heat, elevator service and a vacuum cleaning system. Interiors will be finished in pine and hardwood. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$11,000. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Mr. Solari. The building will be erected at a corner and will contain six apartments of four rooms and bath each. Interior finish will be of pine with some hardwood. Each apartment will have a large open fire place and tile or brick mantel. A hot water system will be installed. Tile will be used in the baths. Wall beds are specified. The exterior of the building will be covered with shiplap and rustic. Plans are complete and figures will be taken shortly.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$12,000. Architect, W. H. Judson, Albany Bldg., Oakland. Owners, Davis Estate. The building will be erected on Hudson street and has been designed to contain 24 apartments of 2 rooms each with bath. Interior will be finished in pine and redwood. A central heating system will be installed. All suites will have wall beds. Tile will be used in the bath rooms. The exterior of the building will be covered with brick veneer and rustic. Plans are being prepared.

SACRAMENTO, CAL.—Apartment house, 5 story and base, reinforced concrete, \$180,000. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Dr. Paris. This building has been mentioned here a number of times be-

fore. The lot is situated on a corner and the building will contain over 200 rooms. All apartments will be provided with a sleeping porch. Mechanical plans provide for steam heat, elevator service, hot and cold running water supply, refrigerating plant, vacuum cleaning system and all other modern equipment. Suites will contain from two to five rooms each. All apartments will have connecting baths and wall beds. The exterior of the building will be faced with pressed brick and terra cotta. Plans are now out for figures.

PORTLAND, ORE.—Apartment house, 4 story and base, Class C construction, \$70,000. Architects, W. B. Bell and T. J. Wilding, Worcester Bldg., Portland. Owner, A. C. Ruby. The building will be arranged for stores on the first floor and 45 apartments of two and three rooms each on the upper floors. Plans include steam heat, elevator service and a vacuum cleaning system. All suites will have connecting baths and wall beds. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

PORTLAND, ORE.—Apartment house, 3 story and base, reinforced concrete. Cost not stated. Architects, Horand & Anderson, Worcester Bldg., Portland. Owner, A. E. Trump. The two upper floors of the building will be divided into two and three room suites with connecting baths and wall beds. First floor will be arranged for stores. There will be steam heat. Interior will be finished in pine throughout. The exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken.

REDONDO BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, Class C construction. Cost not stated. Architects, Arthur L. Ackner and Otto Janssen, Story Bldg., L. A. Owner's name withheld. The building will be erected on one of the principal corners of the city, and has been arranged to contain 53 rooms, which will be divided into two and three room suites with private baths and wall beds. Interior will be finished in pine and hardwood veneer. Some oak floors will be used. Plans provide for steam heat, hot and cold water service and an automatic elevator. The exterior of the building will be faced with cement plaster. Plans are being prepared.

OCEAN PARK, LOS ANGELES CO., CAL.—Apartment house, 3 and 4 story and base, brick, \$50,000. Architect, J. William Roberts, 2530 4th Ave., L. A. Owner, Mr. Crosby. The building will cover an area of 50x110 feet, and will be arranged in suites of two, three and four rooms each. Interior finish will be of pine and hardwood veneer. Cement floors will be used in the baths. There will be steam heat and automatic elevators. The exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 4 story and base, Class C construction. Cost not stated. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, William McCartney. The building will be erected on a corner and will cover an area of 60x160 feet. Interior has been arranged for 150 rooms which will be

divided into two and three room suites with private baths and wall beds. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwood. Tile will be used in all bath rooms. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$90,000. Architects, Union Realty Co., Realty Board Bldg., L. A. Owner, William A. Hammell. The building will contain 80 guest rooms, amusement room, large lobby and social hall. Suites will be arranged in two and three room apartments with wall beds and private baths. Interior finish will be of pine and hardwood. Bath rooms will be wainscoted with tile and will have marble floors. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, Class C construction, \$70,000. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner, M. E. Blaiser. Contractors, Los Angeles Investment Co., 8th and Broadway, L. A. Contract price, \$70,000.

BANKS.

OAKLAND, CAL.—Bank and offices, 11 story and base, Class A construction. Cost not stated. Architects, L. B. Dutton & Co., Chronicle Bldg., S. F. Owners, First Trust and Savings Bank. The building is to be erected at the southeast corner of 16th and San Pablo, and will cover a large ground area. The entire first floor and a large portion of the basement will be occupied by the bank. Construction will be fireproof throughout with a complete steel frame, exterior walls of brick faced with pressed brick and terra cotta. Interior partitions will be of hollow tile, floors of concrete. Metal trim and tile and marble wainscot will be used. There will be steam heat, elevator service, mail chutes, a vacuum cleaning system and hot water system. Interior of the bank will be finished in tile, marble, ornamental plaster and bronze. Special bank fixtures, coin and safe deposit vaults will be installed. A contract has been awarded to the Pacific Rolling Mills for the structural steel work at \$35,514. A general contract for the balance of the work will be let. Working drawings are nearly complete and bids will be called for on the general contract with a week or ten days.

BRIDGES, DAMS AND HARBOR WORK.

LONG BEACH, LOS ANGELES CO., CAL.—Pier, concrete and wooden pile, \$100,000. Engineers, Mercereau Bridge and Construction Co., Pacific Electric Bldg., L. A. Owners, City of Long Beach. Plans and specifications for a pier at the foot of American and Pine avenues have been submitted for approval to the city trustees. According to the plans the structure will be 350 feet long and 50 feet wide. Final approval will be given to the plans and specifications at the next meeting of the council.

CHURCHES.

BAKERSFIELD, KERN CO., CAL.—Church, 2 story and base, brick, \$25,000. Architect, Thomas B. Wiseman, Producers Bank Bldg., Bakersfield. Owners, First Presbyterian Church of Bakersfield. A site at the corner of 17th and H streets has been secured and preliminary plans have been prepared. These plans show a building 80x85 feet with a main auditorium seating 250 people. Interior finish will be of pine and ornamental plaster. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans have not been approved by the Building Committee.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Factory, 3 story and base, frame, \$3,200. Architect, none. Owner, C. H. Gish, 257 Falcon St., S. F. The building has been designed for an electric light plant. There will be no interior finish. The building will cover an area of 44x52 feet. Plans are complete and in the hands of the owner who will do the work by Day Labor.

TACOMA, WASH.—Warehouse, 4 story and base, brick, \$50,000. Architect, I. C. Irwin, Chamber of Commerce Bldg., Tacoma. Owners, California Wine Co. This work has been mentioned in these columns before. The structure will cover an area of 90x110 feet, and will be of the heavy mill type of construction. There will be an automatic sprinkler system, metal window frames and sash. The exterior of the building will be faced with stock brick. Plans are complete and figures will be taken at once.

Contracts Awarded.

PORTLAND, ORE.—Laundry building, 2 story and base, brick and concrete, \$75,000. Architects, Ellis F. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Troy Laundry Co. Contractors, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$75,000.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, none. Owner, J. F. Wyman, 1953 Hayes St., S. F. The building will cover an area of 25x50 feet, and is to contain six apartment flats. Interior will be finished in pine with hardwood floors and some hardwood veneer. There will be open fire places and tile mantels. Some tile will be used in the baths and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flat alteration, frame construction, \$4,000. Architect, Oliver Everett, 1940 Webster St., S. F. Owner, J. A. Bergerot. The work will consist of raising the present building and constructing and additional story underneath. The other floors will be completely rearranged and the work will require new plastering, plumbing, electric work, painting and interior finish. Exterior of the building will also undergo extensive changes. Plans are complete and figures have been taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, N. Gunee. The building has been designed to contain four modern flats of four and five rooms each. Interior finish will be of pine and redwood. Some hardwood floors will be used. Tile will be used in the baths. Exterior of the building will be covered with shiplap and rustic. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$7,000. Architect, J. C. Flueger, Crocker Bldg., S. F. Owner's name withheld. The building will be erected on 29th avenue, and has been arranged for three modern residential flats of five and six rooms each. Interiors will be handsomely finished in pine and hardwoods. Bath rooms will have tile wainscot. Tile will also be used in the kitchens. There will be open fire places and brick mantels. Oak floors are to be used in the principal rooms. Exterior of the building will be covered with brick veneer and shiplap. Plans are being prepared.

SAN FRANCISCO—Flats, 3 story and base, frame, \$6,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Paul De Martini. The building will be erected on Broadway west of Mason, and will contain three flats of four, five and six rooms. The building will have a frontage of 27½ feet and a depth of 61 feet. Interior will be finished in pine and redwood with some oak floors. There will be open fire places and brick mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with brick veneer and shiplap. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Flat, 1 story and base, frame, \$2,000. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Hume. The building will contain one flat of five rooms. Interior will be finished in pine throughout. Hardwood floors are specified in two of the rooms. Tile will be used in the bath room and kitchen. Exterior of the building will be covered with rustic. There will be an open fire place and brick mantel. Plans are being prepared.

GARAGES.

OAKLAND, CAL.—Garage, 1 story, brick. Cost not stated. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owners, Girard Investment Co. The building is to be erected at the corner of Broadway and Orchard street, and is designed for a commercial garage and sales rooms. Interior of the sales rooms will be handsomely finished in pine and hardwoods and tile. There will be large display windows and patent store fronts. The exterior of the building will be faced with cement plaster. Plans are being prepared.

GOVERNMENT WORK AND SUPPLIES.

Puget Sound, Wash., Pier Work.

The following bids were received by the chief, bureau of yards and docks, Navy Department, Washington, D. C. March 29 for the construction of pier No. 4 at the navy yard, Puget Sound, Wash.:

Item 1, pier and dredging complete. 2, pier work only; 3, price for dredging over entire area; 4, deduct from items 1 and 2 for each interior bay of 20 feet deducted from length of pier; 5, price per cubic yard for dredging between west side of pier and entrance channel to dry dock No. 2; item 6, price per cubic yard for dredging area covered by concrete section of pier to 72-foot contour.

Penn Bridge Co., Washington, D. C., Item 2, \$176,739; 4, \$10,000.

Parson Construction Co., New York Building, Seattle, Wash., item 1, \$177,228; 4, \$9,936.

International Contract Co., Central Building, Seattle, Wash., item 1, \$196,682; 2, \$184,533; 3, 60c; 4, \$9,287.60; 5 and 6, 90c.

Gar Construction Co., Seattle Wash., item 1, \$233,999 and \$175,000; 4, \$7,500.

Erickson Construction Co., Downs Building, Seattle, Wash., item 1, \$166,331.60.

Canal Work.

The director of the Reclamation Service is asking for proposals for the construction of the Pishkun reservoir supply canal, the Sun River slope canal, and tunnels No. 2 and No. 3 in connection with the Pishkun reservoir supply canal, in connection with the Sun River irrigation project, Mont. The work involves the excavation of about 2,400,000 cubic yards of material and the construction of about 3,215 linear feet of concrete-lined tunnel. It is located on the north side of Sun River, 25 to 50 miles west of Great Falls, Mont. The bids will be opened at the office of the Reclamation Service at Great Falls, Mont., on April 30.

Electric Power Shovels.

The director of the Reclamation Service is advertising for bids for furnishing five, more or less, 70-ton electric power shovels for use on the Milk River and Sun River irrigation projects, Montana. The bids will be opened at the office of the Reclamation Service at Great Falls, Mont., on April 30.

Steam Shovels.

The director of the Reclamation Service is advertising for bids for two, more or less, steam shovels for use on the Milk River irrigation project in Montana. The bids will be opened at the office of the Reclamation Service at Babb, Mont., on April 25.

Seattle, Wash., Repairs.

The contract for making general repairs and painting the old U. S. post office at Seattle, Wash., has been awarded by the supervising architect, Washington, D. C., to F. W. Leighton, Seattle, Wash., at \$4,767.

Electric Traveling Bridge Cranes.

An advertisement appears elsewhere in this issue calling for bids to be opened May 3 at the bureau of yards and docks, Navy Department, for four electric traveling bridge cranes and two electric traveling wall cranes for the general foundry, navy yard, Puget Sound, Wash. The installation will require one 20-ton, 4-motor, with 5-ton auxiliary, two 5-ton, 1-motor; one 3½-ton, 3-motor traveling bridge cranes and two 5-ton, 3-motor traveling wall cranes with trolley wires and supports complete of the following dimensions:



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20-ton crane, span, 51 feet 7 inches; height from floor to crane rails, 41 feet. 5-ton bridge crane, stand, 27 feet 8 inches, height from floor to crane rails, 18 feet 3 inches. 3½-ton bridge crane, span, 27 feet 8 inches; height from floor to crane rails, 18 feet 5 inches. 5-ton wall cranes, outside clearance, 23 feet 6 inches; trolley radius from 3 feet to 20 feet 6 inches; maximum hoist, 19 feet 6 inches; height from floor to crane rails, 20 feet 5½ inches; length of runways, 335 feet.

Pearl Harbor, General Set.

The bid of the General Electric Co., Schenectady, N. Y., \$6,249 in amount, has been accepted for furnishing one 200-K. W. motor generator set and switchboard accessories for delivery at the naval station, Pearl Harbor, H. T.

Irrigation in Oregon

Practical conservation and business-like co-operation between State and Nation is initiated by Secretary Franklin K Lane, of the Department of the Interior, in a contract approved by him March 27 between the United States and the State of Oregon. At a conference held in his office, at which were present Secretary Lane, Director F. H. Newell, of the Reclamation Service; Senator Chamberlain and John H. Lewis, State Engineer of Oregon, a formal agreement was presented which provides for co-operation between the Federal Government and the State of Oregon in the investigation of irrigation and power subjects. The Secretary agrees to withdraw the necessary land and the State Engineer agrees to hold the necessary water for the irrigation of projects under investigation. Any project or unit may be released for construction by private capital upon payment of the cost of preparing plans provided such development will be carried out in harmony with the public plan for the highest utilization of the waters of the State.

The sum of \$100,000 is now available, one-half of which is contributed by each party, and will be expended largely on the investigation of the 300,000-acre Deschutes River project, starting immediately on the Tumalo Creek unit of 35,000 acres. The State has appropriated \$150,000 for the partial construction of this unit, and Secretary Lane has agreed to allot an equal amount for the construction of the entire project in co-operation with the State.

The Oregon Legislature has submitted a constitutional amendment for the vote of the people, authorizing the issuance of bonds for the construction of irrigation and power projects. To complete the Deschutes project will re-

quire about \$8,000,000. Secretary Lane stated that he was in sympathy with the entire plan of co-operation and if the State of Oregon would put up \$4,000,000 toward the construction of this project it was his opinion that an equal amount of money could be allotted from the Reclamation fund by that time for this work in Oregon.

The joint construction of the Tumalo Creek unit will serve as an experiment in co-operation and will prove useful in perfecting an organization before taking up the larger and more important work.

Prospective Bidders.

The following firms have applied for plans and specifications of the work to be done at Pearl Harbor under the direction of the bureau of yards and docks. Bids will be opened in Washington, D. C., on the dates indicated below:

Pearl Harbor, Coal Towers, April 19.
C. W. Hunt Co., West New Brighton, S. I., N. Y.

The Hayward Co., 50 Church street, New York city.

Link Belt Co., 299 Broadway, New York city.

Brown Hoisting Machinery Co., 50 Church street, New York city.

Carnegie Steel Co., Philadelphia, Pa.
Midland Bridge Co., Midland Building, Philadelphia, Pa.

Des Moines Bridge and Iron Co., Curry Building, Pittsburg, Pa.

Exeter Machine Works, Pittston, Pa.

Wern Machinery and Engineering Co., 30 Church street, New York city.

Mead-Morrison Mfg. Co., Singer Building, New York city.

Bergen Point Iron Works, Bayonne, N. J.

F. H. Kinden, 411 Bakewell Building, Pittsburg, Pa.

Hallberg Construction Co., 50 Church street, New York city.

Richard Marton, Equitable Building, Baltimore, Md.

Maine Electric Co., Portland, Me.

George Haiss Mfg. Co., 141st street and Rider avenue, New York city.

Pearl Harbor, Hospital, May 10.
Ed. O. Hamilton, 24th and Farnam streets, Omaha, Neb.

Conners Bros. Co., Lowell, Mass.

W. N. Concannon Co., Monadnock Building, San Francisco, Cal.

Crane Co., Washington, D. C.

Kearby & Mattison Co., Ambler, Pa.

Sound Construction and Engineering Co., Seattle, Wash.

Southwestern Construction Co., Los Angeles, Cal.

Payson Construction Co., 754 New York Block, Seattle, Wash.

Federal-Huber Co., Chicago, Ill.

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HOSPITALS.

Contracts Awarded.

TAFT, KERN CO., CAL.—Hospital, 2 story and base, brick. Cost not stated. Architect's name not given. Owner, Dr. M. W. Pascoe. Contractor, H. E. Messimer, Taft. Contract price not given. Note: The building will contain 14 private rooms, two wards and an operating room.

HALLS & SOCIETY BLDGS.

OAKLAND, CAL. — Auditorium, 3 story and base. Class A construction, \$500,000. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This building has been mentioned here before. Plans for the structural steel work are complete and an advertisement calling for bids on this portion of the work appears in another column of this issue. Bids will be opened on April 24th. Plans and specifications can be secured from the architect.

RICHMOND, CONTRA COSTA CO., CAL.—Lodge Hall, 4 story and base, brick and steel, \$60,000. Architect, James T. Narbett, La Selle-Sellers Bldg., Richmond. Owners, Richmond Elks' Hall Association. The building will be centrally located and is to cover a large ground area. The first floor will be arranged for stores. Upper floors will contain the lodge rooms, banquet hall and offices. There will be steam heat and elevator service. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

NEWBERG, ORE.—Town hall, 2 story and base, brick and concrete. Cost not stated. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owners, Town of Newberg. Besides the city offices and council room, the first floor will be arranged for fire and police departments. Basement will contain the jail. The second floor of the building will be fitted up for the use of the Commercial Club. There will be steam heat, hardwood and pine trim and metal window sash and frames. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LENTS, ORE.—Lodge hall, 2 story and base, brick and concrete. Cost not stated. Architects, Herand & Anderson, Worcester Bldg., Portland. Owners, Lents Odd Fellows' Hall Association. The building will cover an area of 60x100 feet. The first floor is

to contain stores and the upper floor will be arranged for a large banquet hall and lodge rooms. Interior will be finished in pine and hardwoods. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are out for figures.

HOTELS.

SAN FRANCISCO—Hotel, 2 story and base, Class C construction, \$25,000. Architects, McDougall Bros., Russ Bldg., S. F. Owner, I. Steinhart. The building is to be erected on Sutter street near Leavenworth and will contain stores on the first floor and rooms above. A central heating system will be installed. Store fronts will be of the patent type. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 5 story and base, Class C construction. Cost not stated. Architect, L. M. Gardner, Phelan Bldg., S. F. Owner, Emil Lange. This building is to be erected at the southeast corner of 6th and Minna streets. The first floor will be arranged for stores and the hotel entrance and lobby. Upper floors will contain in the neighborhood of 70 rooms and several baths. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water supply system. Exterior of the building will be faced with pressed brick. Patent store fronts will be used. Plans are being prepared.

SAN FRANCISCO—Hotel, 3 story and base, reinforced concrete, \$11,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Nathan Haas. The building will be erected on Jones street, near O'Farrell. The entrance and lobby will occupy the first floor and upper floors will be arranged for single rooms and baths. Plans provide for a hot water system but no heat. Interior will be finished in pine throughout. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

SAN FRANCISCO—Hotel alterations and addition, frame construction. Cost not stated. Architect, C. C. Dakin, 110 Sutter St., S. F. Owners, Frederick H. and C. C. Dakin. This work will consist of the alteration of and old-time residence on California street west of Divisadero into four stores and a modern family hotel. Considerable tile and marble work will be used. There will be a central heating system, roof garden and patent store fronts. New plumbing, plastering and electric work will be installed. Plans are now being prepared.

PORTLAND, ORE.—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owner, W. V. Margulis. The building will cover an area of 25x100 feet. Interior of the building will be arranged for 70 or 80 single rooms and a number of baths. There will be steam heat and elevator service. Interior finish will be of pine throughout. The exterior will be faced with cement plaster. Exterior walls will be of reinforced concrete and interior of mill construction. Plans are

being prepared and bids will shortly be called.

WILMINGTON, LOS ANGELES CO., CAL.—Hotel, 3 story and base, reinforced concrete. Cost not stated. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owner, G. D. Potter. The building will be erected at the corner of 13th and Canal streets. The first floor will contain six stores and the hotel lobby. Upper floors will be arranged for 45 guest rooms and several baths. Plans provide for steam heat, elevator service and a hot and cold water supply system. The exterior of the building will be faced with pressed brick. Plans are now being prepared for the work.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick and frame. Cost not stated. Architect, O. N. Dennis, Fay Bldg., L. A. Owner, Louis S. Lehman. The building will cover an area of 50x92 feet and will contain 52 guest rooms besides a number of baths. There will be steam heat and a hot and cold water supply system. Interior finish will be of pine and some hardwood. Bath rooms will be finished in tile. The exterior of the building will be faced with brick veneer. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, Class C construction, \$10,000. Architect, Joseph F. Rhodes, Central Bldg., L. A. Owner, Joseph F. Rhodes. The building will be erected on a corner lot and will cover an area of 35x110 feet. There will be a total of 70 guest rooms, a number of which will have private baths. Plans provide for elevator service, steam heat and a hot and cold water system. There will be metal window frames and sash. The exterior of the building will be faced with pressed brick. Interior finish will be of pine throughout. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 5 story and base, reinforced concrete, \$40,313. Architect, F. L. Stiff, Grosse Bldg., L. A. Owner, F. R. Towsley, Contractor, F. L. Spaulding, 1460 Dana St., L. A. Contract price, \$10,242.

RESIDENCES.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$2,250 each. Architect, none. Owner, E. E. Mauseau, 164 Parnassus Ave., S. F. These houses will be erected on 35th avenue north of I street, and each will contain six rooms and bath. Interior finish will be largely of pine. Some hardwood floors will be used. Each of the houses will have a large open fire place in the living room with a brick or tile mantel. Bath rooms will have tile wainscot. The exteriors will be covered with cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owner, Andrew Jacob. The dwelling will contain nine rooms, two baths and sleeping porch. Interior will be finished in pine and some hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen.

The exterior of the dwelling will be covered with cement plaster on metal lath. A garage will also be erected on the lot. Plans are being prepared and the work will go out for figures by the end of this month.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, J. A. Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. The dwelling will be erected on De Sota north of Holloway street, and will contain seven rooms, bath and sleeping porch. A garage will occupy part of the basement. Interior finish will be of pine and hardwood. Floors will be of oak in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners, Stephen A. and Charles V. Maschio. The dwelling has been designed for an eight room house and will be erected at the corner of Caselli and Eagle streets. Interior will be finished in pine and some hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be an open fire place in the living room with a brick mantel. Bath and kitchen will have tile wainscot. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken under advisement.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Miss Lindel Hoskins. The dwelling will be erected in North Cragmont, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and some hardwood. Oak floors will be used in several of the principal rooms. There will be furnace heat and open fire places. Tile will be used in the bath room and kitchen. There will be an automatic water heater. The exterior of the dwelling will be covered with shingles and shakes. Open fire place and brick mantel will be used in the living room. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner's name withheld. The dwelling will be erected in Claremont and has been designed for one of the most handsome dwellings in that tract. Plans provide for in the neighborhood of twelve rooms, several baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine and hardwood. Hardwood and tile floors will be used throughout. There will be a hot water heating system, open fire places and automatic water heaters. Baths will be finished in tile. The exterior of the dwelling will be faced with cement plaster on metal lath. Plans are being prepared and further information will be given when plans are out for figures.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, P. Lindeblad, 3822 Randolph avenue, Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, C. E. Miller. This work has been mentioned here before when plans were first prepared. Bids are now being taken on the work and a contract will be let within a few days. The house will contain seven rooms and bath. Interior finish will be of pine and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior will be covered with cement plaster on metal lath. Bids are now being taken by the architect.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. Lundholm. The bungalow will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. Tile will be used in the bath room and kitchen. There will be an open fire place with tile or brick mantel in the living room. The exterior of the building will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, none. Owner, E. J. Grebs, 1801 Francisco St., Berkeley. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$1,500. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Gasman. The dwelling will be erected in Northbra, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. The exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,200. Architect, none. Owner, H. L. Wood, 2300 Seminary Ave., Oakland. The house will contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, R. H. Naddan. The dwelling is to be erected in Berkeley Square and will contain seven rooms, bath and sleeping porch. All interior finish will be of pine or hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

MILL VALLEY, MARIN CO., CAL.—Residence, 2 story and base, frame, \$9,000. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Dr. C. A. Kern. The dwelling has been designed for a nine-room house with baths and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in all of the principal rooms. Baths will be finished in tile. Provision will be made for a hot water system of heating, which will be installed at a later date. A feature of the house will be the dressing rooms off of each bed chamber. An automatic water heater will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, frame construction. Cost not stated. Architect, none. The following Day Labor jobs have been or are about to be started in San Jose: J. P. Clark, 308 So. 11th St., San Jose, one-story six-room cottage, \$2,000; S. Lindberg, 174 Hobson St., San Jose, one-story frame five-room cottage, cost, \$2,000, and Hyde-Shaw Co., East 4th St., San Jose, one-story frame warehouse, \$2,000.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Linda C. Avenali. The dwelling will be erected on Green street near Taylor, and will be designed for a handsome city home. Interior finish will be of pine and hardwood with hardwood floors in all of the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms. The exterior of the house will be covered with brick veneer and cement plaster. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$3,500 each. Architects, Patrick-Nelson Co., 2025 Addison St., Berkeley. Owners, Newell-Murdock Co. These houses will be erected on the Thousand Oaks Tract and each will be designed to contain seven rooms and bath. Interior finish

will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and the work will be done by Day Labor. Patrick-Nelson Co. will superintend all construction.

BERKELEY, ALAMEDA CO., CAL.—Sorority house, 2 story and base, frame, \$9,000. Architect, Harris Allen, 2514 Hillcass Ave., Berkeley. Owners, Alpha Phi Sorority. The interior of the building will be arranged for large social rooms, library, dining room and kitchen. There will also be a number of sleeping rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms, which will be equipped with showers as well as tubs. The exterior of the building will be covered with shingles and cement plaster on metal lath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, A. W. Cornelius, Merchants National Bank Bldg., S. F. Owners, Waterhouse Estate Co. The dwelling will contain 7 rooms and bath. Interior finish will be of pine with hardwood floors in the living and dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room. The exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

VALLEJO, NAPA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Mrs. Costa. The bungalow will contain four rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood floors. There will be a large open fire place in the living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are being prepared.

LOS ANGELES, CAL.—Residence, 2 story, attic and base, reinforced concrete, \$10,000. Architect, Arthur L. Heineman, San Fernando Bldg., L. A. Owner, Charles S. Henry. The dwelling has been designed for a 15-room house with several baths, sleeping porches and a garage. There will be steam heat and open fire places. Interior will be finished in pine, redwood, mahogany and other hardwoods. Hardwood floors will be used throughout. All baths will be finished in tile. The exterior of the dwelling and garage will be faced with cement plaster. Plans are complete and the work will be done by Day Labor under the direction of the architect. All materials are now being purchased.

LIBRARIES.

TORRANCE, LOS ANGELES CO., CAL.—Library, 1 story and base, brick. Cost not stated. Architect, Robert D. Farquhar, Van Nuys Bldg., L. A. Owners, City of Torrance. The building will be 81x140 feet and will contain

the usual two reading rooms, librarians' office, stack room and an auditorium. There will be pine and hardwood trim, metal stacks and some tile and marble. The exterior of the building will be faced with pressed brick. Plans are being prepared.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Passenger station and track construction, \$1,000,000. Architects, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Application has been made to the Board of Supervisors by the Southern Pacific Railroad Company for extensive franchises or rights, which will permit a complete re-arrangement of its tracks and depots. This, upon the granting of the permits, will mean the immediate expenditure of more than half a million dollars, and the construction of a passenger depot at Third and Townsend streets after the Mission style of architecture. The building will be an ornament, and answer the purposes of Exposition year.

The track changes to be made, except where streets are crossed, are all on property owned by the company and are designed to be of benefit to the company in handling its freight and passenger business to the greater convenience of the general public and its patrons.


The territory embraced is between Third and Eighth and Townsend and Channel streets and it will be so arranged as to facilitate the volumes of instantly increasing business.

The passenger business as in the past will be handled at Third and Townsend streets where the new depots are to be built after plans and specifications which have already been prepared. Immediately after action is taken by the Supervisors on the application which has been made by the company.

It is the intention to handle all of the passenger business between Third and Fifth and King and Townsend streets, and, as the volume of business is expected to be so great at times, that Fourth street may be temporarily blocked in making up trains, the company has announced its intention to open up at its own expense a street 75 feet west of Fourth street which will enable teams and auto trucks to clear thoroughfare to the freight depots and sheds to the south.

The freight business, when the changes are made will all be concentrated between King and Channel, Third and Eighth streets, which will mean that the present buildings are to be moved further south, to be reconstructed and equipped to handle the volume of constantly increasing trade.

While the figure set for improvements, in the application made to the supervisors, is but \$400,000, it is unofficially stated that when the reconstruction and re-arrangement is finally completed, the outlay will run close to the million dollars, as it is the intention of the company to not stop in its improvements until it has satisfied all the demands which will enable it to expedite its business with the public in a manner satisfactory to all.



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Contracts Awarded.

TACOMA AND TENENO, WASH.—Stations, etc, frame and concrete construction, \$50,000. Engineers, Engineering Department Pacific Northern R. R. Co. Owners, Pacific Northern Railroad Co. Contractors, E. J. Rounds Construction Co., Walker Bldg., Seattle. Contract price, \$50,000.

SCHOOLS.

BERKELEY, ALAMEDA CO., CAL.—Convent, 3 story and base, frame, \$35,000. Architect, John J. Foley, 16 Kearny St., S. F. Owners, St. Joseph's Convent. The building, which is to be erected on the grounds now occupied by the institution, will cover an area of 100x90 feet. There will be a large music room, study halls, art room, dining room and dormitories. Plans include steam heat and hot and cold water supply. Interior will be finished in pine throughout. The exterior of the building will be covered with shiplap, sanded. Plans are being prepared.

OAKLAND, CAL.—School, 2 and 3 story and base, reinforced concrete. Cost not stated. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The following firms, in addition to the list published previously in these reports, have applied for plans for the work on the Commercial High School in Oakland. Bids are to be opened on April 21st. Lewis Hicks, Williams Bros. & Henderson, Van Sant-Houghton Co., Thurston & Co., Lange & Bergstrom, Me-

Leran & Peterson, Frederick Amweg, C. Christensen, Wold & Kohn.

STOCKTON, SAN JOAQUIN CO., CAL.—Convent, 3 story and base, brick or concrete, \$80,000. Architect, Walter King, Elks' Bldg., Stockton. Owners, Roman Catholic Convent. The institution has recently secured a new site at the corner of San Joaquin and Flora streets and have had preliminary plans prepared. No details of the building have been decided upon and it will be some time before full particulars can be printed.

ORLAND, CLENN CO., CAL.—School, 1 story and base, reinforced concrete, \$37,500. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Orville School District. The building has been designed for a six-room school with principal's office, teachers' rooms and library. A central heating system will be installed. Interior finish will be of pine with some maple floors. There will be composition blackboards and a program clock system. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—School, 1 story and base, brick and concrete, \$25,000. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. The building will cover an area of 70x168 feet, and will contain six standard size class rooms, an auditorium seating 400 people and principal's room. Interior finish will be of pine and hardwood. A plenum heating system will be installed. The exterior of the building will be faced with cement plaster. Plans are being prepared.

SEWERS, STREET WORK AND WATER SYSTEMS.

SAN FRANCISCO—Tunnel construction, \$337,000. Engineer, City Engineer, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids were opened at the last meeting of the Board of Public Works for the construction of the Stockton Street Tunnel. Jacobsen & Bade of Portland submitted the lowest figure and have been awarded the contract. A complete list of all bids appears under the heading of San Francisco in this issue.

STORES AND OFFICES.

SAN FRANCISCO—Department store, 3 story and base, Class A construction, \$200,000 or more. Architect, Albert Pissis, Flood Bldg., S. F. Owners, Emporium. The property in the rear of the present building and located on Mission street between 4th and 5th streets will be improved with a large building practically covering the entire area. Architecture will be similar to that of the present building. When complete the new addition will make the Emporium the largest department store on the coast. Plans provide for a complete steel frame and fireproof construction throughout. Many of the departments in the present building will be rearranged and the interior will be somewhat altered. Plans are being prepared.

SAN FRANCISCO—Nicholasdon, 1 story, brick. Cost not stated. Architect, Alfred L. Coffey, Humboldt Bank Bldg., S. F. Owner's name withheld. The building is to be erected in the Mission District, and will have a frontage of 28 feet and a depth of 78. Interior will be finished in pine and ornamental plaster. Considerable tile and marble will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Store fronts and alterations frame construction. Cost not stated. Architect, C. C. Dakin, 110 Sutter St., S. F. Owner's name not given. Three new store fronts and considerable interior alteration will be made to the building on the north line of O'Farrell street west of Fillmore. The work will include new plastering, wiring and some plumbing. Marble and tile will be used. Plans are now being prepared.

SAN FRANCISCO—Stores and offices, 2 story and base, reinforced concrete. Cost not stated. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owners represented by Kern-Nellan Co. This building has been mentioned here before when plans were first started. The building has a frontage on East street of 150 feet and 50 feet on Howard. The first floor will contain a number of stores and upper floor will be arranged for offices. Interior finish will be of pine throughout. There will be metal window sash and frames. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Stores, 1 or 2 story and base, brick or concrete. Cost not stated. Architects, Ross & Bergren, 310 California St., S. F. Owners, S. & C. Forbes. This building will be mameantal plaster. Considerable tile and Rose avenue, a site recently purchased by S. and C. Forbes. The building will cover a ground area of 2,940 square feet. Leases are now being made and until these are complete the height of the building cannot be determined. The exterior will probably be faced with pressed brick. Foundations and walls will be of sufficient strength to carry several other stories. Complete particulars will be given as the plans progress.

SAN FRANCISCO—Stores, 2 story, Class A addition to two-story building. Cost not stated. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner, O. D. Baldwin. The building at the southwest corner of Grant avenue and Harlan Place will be altered and two more stories added. A contract for the structural steel work has been awarded to Mortensen Bros. for \$3,450. Bids for the balance of the work have been taken under advisement in the architect's office.

SAN FRANCISCO—Department store fixtures. Cost not stated. Architect, C. C. Dakin, 110 Sutter St., S. F. Owners, Emporium. Preliminary plans are now being made for the many new fixtures which will be required for the new addition to the Emporium. Mr. Dakin is making a study of the old building as well as of the new floor plans, and will design new fixtures for many of the departments in the present building. It is estimated that between \$75,000 and \$100,000 will be expended on fixtures.

SAN FRANCISCO—Stores, 1 story, frame, \$5,000. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Mr. Eagleson. The building will be erected on 48th avenue and will contain six stores. There will be patent store fronts and plate glass windows. Interiors will be finished in pine throughout. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will probably be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Stores, 1 story, frame. Cost not stated. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name not given. The building will contain eight stores each of 20 feet frontage and a depth of 34 feet. Interiors will be finished in pine. There will be plate glass display windows being prepared and figures will be called for shortly.

SACRAMENTO, SACRAMENTO CO., CAL.—Stores and offices, 10 story and base, Class A construction, \$200,000. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owners, George W. Peltier and associates. This building, which is to be erected at the southwest corner of 4th and J streets, will be known as the Fruit Association Bldg. Construction will be fireproof throughout, with a complete steel frame, brick and concrete walls, faced with terra cotta. There will be steam heat, elevator service, a vacuum cleaning system, metal window sash and frames and metal trim and mail chutes. Halls will be wainscoted with tile and marble. Six floors have already been leased. Working drawings are being prepared and bids will be called for at once.

LOS ANGELES, CAL.—Stores and lofts, 10 story and base, reinforced concrete. Cost not stated. Architect, W. J. Saunders, International Bank Bldg.,

L. A. Owner, E. W. Braun. The building will cover an area of 50x154 feet. Construction will be fireproof throughout with reinforced concrete walls, floors and hollow tile interior partitions. There will be metal window sash and frames and fireproof doors. Plans provide for elevator service, an automatic sprinkler system and spiral chutes. The exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

LOS ANGELES, CAL.—Department store, 8 story and base, Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owners, W. H. Perry Estate. The building is to be erected at the corner of 5th and Broadway, and will cover a ground area of 150x160 feet. The entire structure has been leased to the Fifth Street Store. Construction will be fireproof. There will be a complete steel frame and exterior walls faced with pressed brick and terra cotta. Interior finish will be of metal and hardwood. A steam heating system will be installed. Plans are only in a preliminary stage and full particulars will be given later.

SEALED PROPOSALS.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service at Newell, S. D., until 4 o'clock p. m. May 8, 1913, for the construction of about four miles of the North Canal and about ten miles of laterals, Belle Fourche project, S. D. The work involves the excavation of about 117,000 cubic yards of material and is situated north and west of Newell, S. D. For particulars address the United States Reclamation Service, Washington, D. C.; Denver, Colo., or Newell, S. D. MORRIS BIEN, acting director.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Fabb, Mont., until 2 o'clock p. m. April 28, 1913, for the construction of 22 miles of the St. Mary Canal, Milk River project, Mont. The work involves the excavation of about 1,201,000 cubic yards of material and extends along St. Mary River from Lower St. Mary Lake to the north fork of Milk River in the northwest portion of the Blackfeet Indian Reservation, Mont. For particulars address the United States Reclamation Service, Washington, D. C.; Helena, Mont., or Fabb, Mont. MORRIS BIEN, acting director.

PROPOSALS FOR STEAM SHOVELS.

STEAM SHOVELS—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Fabb, Mont., until 2 o'clock p. m. April 28, 1913, for furnishing two more or less, 75-ton steam shovels for use on the Milk River project, Montana. For particulars address U. S. Reclamation Service, Washington, D. C., or Helena, Mont. MORRIS BIEN, acting director.

PROPOSALS FOR ELECTRIC SHOVELS.

ELECTRIC SHOVELS—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until **2 o'clock p. m. April 30, 1913**, for furnishing five, more or less, 70-ton electric power shovels for use on the Milk River and Sun River projects, Montana. For particulars address U. S. Reclamation Service, Washington, D. C., or Helena, Mont. **MORRIS BIEN**, acting director.

PROPOSALS FOR CANAL WORK.

CANAL WORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Great Falls, Mont., until **2 o'clock p. m. April 30, 1913**, for the construction of the Pishkun Reservoir Supply Canal, the Sun River Slope Canal and Tunnels No. 2 and No. 3, of the Poshkun Reservoir Supply Canal, involving the excavation of about 2,400,000 cubic yards of material and the construction of about 3,215 linear feet of concrete lined tunnel. The work is situated on the north side of Sun River, 25 to 70 miles west of Great Falls, Mont., and near the line of the Sun River branch of the Great Northern Railway. For particulars address the United States Reclamation Service, Washington, D. C., Helena, Mont., or Fort Chaw, Mont. **MORRIS BIEN**, acting director.

PROPOSALS FOR DRAIN.

DRAIN—Office of Constructing Quartermaster, Fort Worden, Wash.—Sealed proposals, in triplicate, for the construction of 230 linear feet of 10-inch drain and of extension to a sewer manhole at Fort Worden, Wash., will be received at this office until **11 a. m. April 16, 1913**, and then publicly opened. A deposit of \$5 will be required for return of plans. Information upon application to Captain J. R. **POURIE**, constructing quartermaster.

PROPOSALS FOR BUILDING.

BUILDING—Office of the Quartermaster, Fort Yellowstone, Wyo.—Sealed proposals, in triplicate, for re-roofing the post exchange building at Fort Yellowstone, Wyo., will be received at this office until **2 p. m. April 26, 1913**, at which time and place they will be opened in the presence of bidders. The Government reserves the right to reject or accept any or all bids or any portion thereof. Proposals must be signed by the bidders, inclosed in sealed envelopes, addressed to the quartermaster and marked "Proposals for Roofing Post Exchange Building, to be Opened April 28, 1913." Blank proposals, specifications and plans will be furnished upon application to the quartermaster, **HERBERT KOBBE**, second lieutenant, 1st cavalry, quartermaster. By **FRANK KELLER**, first lieutenant, 1st cavalry, charge of office.

PROPOSALS FOR TRAVELING CRANES.

TRAVELING CRANES—Sealed proposals, indorsed "Proposals for Electric Traveling Cranes," will be received

at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m. May 3, 1913**, and then and there publicly opened, for four electric traveling bridge cranes and two electric traveling wall cranes for the general foundry, navy yard, Puget Sound, Wash. Plans and specifications may be obtained on application to the bureau or to the commandant of the navy yard named. **H. R. STANFORD**, chief of bureau.

PROPOSALS FOR STRUCTURAL STEEL AND IRON WORK.

PURSUANT to Resolution No. 5169 N. S., passed April 8, 1913, the Council of the City of Oakland will receive bids for furnishing of all materials, labor and workmanship required in connection with the fabrication, erection and completion of all structural cast iron and steel for the Auditorium, to be erected on the grounds of Peralta Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue or the proposed extension of said avenue, in the City of Oakland, California.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for the fabrication, erection and completion of all Structural Cast Iron and Steel for the Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council while in session, between **eleven o'clock a. m. and twelve o'clock noon, Pacific Time, on the 24th day of April, 1913**, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Council.

No proposal of bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of H. E. Magill, City Clerk, in an amount not less than ten per centum (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of the award.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland and deliver to the Auditor a bond guaranteeing to the City of Oakland the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all person performing labor upon or furnishing materials to be used upon the said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

A bound set of the Forms of Proposal, and of the required Affidavits, Agreement, Bonds, Acknowledgements and Specifications will be furnished contractors on demand at the office of Supervising Architect of the City of

Oakland, Security Bank Building, corner 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after April 9th, 1913, within a reasonable time after application, and upon the deposit of Twenty-five Dollars (\$25.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of plans and drawings required for the work will be furnished each applicant complying with the above.

Each bidder shall submit a formal bid in strict accordance and without deviation from the plans and specifications, unless such deviation shall have been previously authorized by, and written permission therefor obtained from the Supervising Architect; in case any such deviation shall be allowed as aforesaid for the submission of the bid or award of contract notice thereof will be served upon all of the bidders by the architect.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Council in accordance with the provisions of the Charter of the City of Oakland to reject any or all bids submitted.

By order of the Council.

H. E. MAGILL, City Clerk.

By E. F. HOLLAND, Deputy.

PROPOSALS FOR BOILERS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 30th day of April, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of boilers, boiler auxiliaries and piping, etc., in the Academic Building, Polytechnic High School.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$6,000.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 763—Proposals for Furnishing and Erecting Coal-Handling Machinery and Accessories for Two Coaling Plants.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m. May 14, 1913**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 763) may be obtained from this office or the office of the assistant purchasing agent, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. **F. C. BOGGS**, major, corps of engineers, U. S. army, general purchasing officer.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$50,000. San Francisco. Architects, Falch & Knoll, Hearst Bldg., S. F. Owner, Miss D. Loaliza. This building will be erected at the southwest corner of Taylor and Washington streets and will cover an area of 55x137½ feet. The two first floors will contain a total of 17 large apartments ranging from two to four rooms each. There will be steam heat, an automatic elevator and a vacuum cleaning system. Interior finish will be of pine and hardwoods. All suites will have private baths and wall beds. A hot water system will be installed. The first floor is to be fitted up for the owner's residence and will contain in the neighborhood of 15 rooms. Interior trim will be of pine, oak and mahogany. Bath rooms will be finished in tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—4, 2 story and base, frame, \$2,250 each. San Francisco. Architect, none. Owner, E. E. Manseau, 164 Parnassus Ave., S. F. These houses will be erected on 35th avenue north of I street, and each will contain six rooms and bath. Interior finish will be largely of pine. Some hardwood floors will be used. Each of the houses will have a large open fire place in the living room with a brick or tile mantel. Bath room will have tile wainscot. The exterior will be covered with cement plaster on metal lath and brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architect, G. Albert Lansburg, 709 Mission St., S. F. Owner, Andrew Jacob. The dwelling will contain nine rooms, two baths and sleeping porch. Interior will be finished in pine and some hardwoods. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. A garage will also be erected on the lot. Plans are being prepared and the work will be out for figures by the end of this month.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, J. A. Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. The dwelling will be erected on De Soto north of Holloway street, and will contain seven rooms, bath and sleeping porch. A garage will occupy part of the basement. Interior finish will be of pine and hardwood. Floors will be of oak in the living and dining rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement

plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners, Stephen A. and Charles Maschio. The dwelling has been designed for an eight-room house and will be erected at the corner of Caselli and Eagle streets. Interior will be finished in pine and some hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be an open fire place in the living room with a brick mantel. Bath and kitchen will have tile wainscot. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures have been taken under advisement.

PASSENGER STATION AND TRACK CONSTRUCTION—\$1,000,000. San Francisco. Architects, Engineering Dept. Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Application has been made to the Board of Supervisors by the Southern Pacific Railroad Company, for extensive franchises or rights, which will permit a complete re-arrangement of its tracks and depots. This upon the granting of the permits will mean the immediate expenditure of more than half a million dollars, and the construction of a passenger depot at Third and Townsend streets after the Mission style of architecture. The building will be an ornament, and answer the purpose of Exposition year.

The track changes to be made, except where streets are crossed, are all on property owned by the company, and are designed to be of benefit to the company in handling its freight and passenger business to the greatest convenience of the general public and its patrons.

The territory embraced is between Third and Eighth and Townsend and Channel streets and it will be so changed as to facilitate the volumes of constantly increasing business.

The passenger business as in the past will be handled at Third and Townsend streets where the depot is to be built after plans and specifications which have already been prepared, immediately after action is taken by the Supervisors on the application which has been made by the company.

It is the intention to handle all of the passenger business between Third and Fifth and King and Townsend streets and as the volume of business is expected to be so great at times, that Fourth street may be temporarily blocked in making up trains, the company has announced its intention to open up at its own expense a street 27½ feet west of Fourth street which will enable teams and auto trucks a clear thoroughfare to the freight depots and sheds to the south.

The freight business, when the changes are made, will all be concentrated between King and Channel. Third and Eighth streets which will mean that the present buildings are to be moved further south, to be reconstructed and equipped to handle the

volume of constantly increasing trade.

While the figure set for improvements in the application made to the Supervisors is but \$400,000, it is unofficially stated that when the re-construction and re-arrangement is finally completed, the outlay will run close to one million dollars, as it is the intention of the company to not stop in its improvements until it has satisfied all the demands which will enable it to expedite its business with the public in a manner satisfactory to all.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, William Bush. The building is to be erected on a corner and will be arranged for one store on the first floor and five apartments of two and three rooms on the upper floors. Interiors will be finished in pine with some hardwood. Tile will be used in the bath rooms and kitchens. A water heating system will be installed. The exterior of the building will be covered with cement plaster and brick veneer. All suites will have wall beds and private baths. Plans are being prepared.

APARTMENT HOUSE—5 story and base, Class C construction, \$50,000. San Francisco. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, P. J. Gartland. The building is to be erected on Geary street, and will have a frontage of 42 feet and a depth of 120 feet. There will be two stores on the first floor besides the entrance. Upper floors will be divided into 88 rooms, which are to be arranged in two and three room suites with private baths and wall beds. There will be steam heat, elevator service and a vacuum cleaning system. Interiors will be finished in pine and hardwood. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame, \$11,000. San Francisco. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Mr. Solari. The building will be erected on a corner and will contain six apartments of four rooms and bath each. Interior finish will be of pine with some hardwood. Each apartment will have a large open fire place and tile or brick mantels. A hot water system will be installed. Tile will be used in the bath. Wall beds are specified. The exterior of the building will be covered with shiplap and rustic. Plans are complete and figures will be taken shortly.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, none. Owner, J. F. Wyman, 1953 Hayes St., S. F. The building will cover an area of 25x80 feet, and is to contain six apartment flats. Interior will be finished in pine with hardwood floors and some hardwood veneer. There will be open fire places and tile mantels. Some tile will be used in the baths and kitchens. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLAT ALTERATION—Frame construction, \$4,000. San Francisco. Architect, Oliver Everett, 1910 Webster St., S. F. Owner, J. A. Bergerot. The work will consist of raising the present building and constructing an additional story underneath. The other

Floors will be completely rearranged and the work will require new plastering, plumbing, electric work, painting and interior finish. Exterior of the building will also undergo extensive changes. Plans are complete and figures have been taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, N. Cuneo. The building has been designed to contain four modern flats of four and five rooms each. Interior finish will be of pine and redwood. Some hardwood floors will be used. Tile will be used in the baths. Exterior of the building will be covered with shiplap and rustic. Plans are being prepared.

FLATS—3 story and base, frame, \$7,000. San Francisco. Architect, J. C. Flueger, Crocker Bldg., S. F. Owner's name withheld. The building will be erected on 29th avenue, and has been arranged for three modern residential flats of five and six rooms each. Interiors will be handsomely finished in pine and hardwoods. Bath rooms will have tile wainscot. Tile will also be used in the kitchens. There will be open fire places and brick mantels. Oak floors are to be used in the principal rooms. Exterior of the building will be covered with brick veneer and shiplap. Plans are being prepared.

FLATS—3 story and base, frame, \$6,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Paul De Martini. The building will be erected on Broadway west of Mason and will contain three flats of four, five and six rooms. The building will have a frontage of 27½ feet and a depth of 61 feet. Interior will be finished in pine and redwood with some oak floors. There will be open fire places and brick mantels. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with brick veneer and shiplap. Plans are complete and the work will be done by Day Labor.

HOTEL—2 story and base. Class C construction, \$25,000. San Francisco. Architects, McDougall Bros., Russ Bldg., S. F. Owner, I. Steinhart. The building is to be erected on Sutter street, near Leavenworth, and will contain stores on the first floor and rooms above. A central heating system will be installed. Store fronts will be of the patent type. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—5 story and base. Class C construction. Cost not stated. San Francisco. Architect, L. M. Gardner, Phelan Bldg., S. F. Owner, Emile Lange. This building is to be erected at the southeast corner of 6th and Minna streets. The first floor will be arranged for stores and the hotel entrance and lobby. Upper floors will contain in the neighborhood of seventy rooms and several baths. Interior finish will be of pine throughout. There will be steam heat, elevator service and a hot water supply system. Exterior of the building will be faced with pressed brick. Patent store fronts will be used. Plans are being prepared.

HOTEL—3 story and base, reinforced concrete, \$11,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Nathan Haas. The building will be erected on Jones street near O'Farrell. The entrance and lobby will

occupy the first floor and upper floors will be arranged for single rooms and baths. Plans provide for a hot water system but no heat. Interior will be finished in pine throughout. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

HOTEL ALTERATIONS AND ADDITION—Frame construction. Cost not stated. San Francisco. Architect, C. C. Dakin, 110 Sutter St., S. F. Owners, Frederick H. and C. C. Dakin. This work will consist of the alteration of an old-time residence on California street west of Divisadero into four stores and a modern family hotel. Considerable tile and marble work will be used. There will be a central heating system, roof garden and patent store fronts. New plumbing, plastering and electric work will be installed. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Linda C. Avenali. The dwelling will be erected on Green street near Taylor, and will be designed for a handsome city home. Interior finish will be of pine and hardwood with hardwood floors in all of the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms. The exterior of the house will be covered with brick veneer and cement plaster. Plans are being prepared.

FACTORY—3 story and base, frame, \$3,200. San Francisco. Architect, none. Owner, C. H. Gish, 257 Falcon St., S. F. The building has been designed for an electric light plant. There will be no interior finish. The building will cover an area of 41x52 feet. Plans are complete and in the hands of the owner who will do the work by Day Labor.

DEPARTMENT STORE—3 story and base. Class A construction, \$200,000 or more. San Francisco. Architect, Albert Pissis, Flood Bldg., S. F. Owners, Emporium. The property in the rear of the present building and located on Mission street, between 4th and 5th streets, will be improved with a large building, practically covering the entire area. Architecture will be similar to that of the present building. When complete the new addition will make the Emporium the largest department store on this coast. Plans provide for a complete steel frame and fireproof construction throughout. Many of the departments in the present building will be rearranged and the interior will be somewhat altered. Plans are being prepared.

NICHOLADEON—1 story, brick. Cost not stated. San Francisco. Architect, Alfred I. Coffey, Humboldt Bank Bldg., S. F. Owner's name withheld. The building is to be erected in the Mission District, and will have a frontage of 28 feet and a depth of 78 feet. Interior will be finished in pine and ornamental plaster. Considerable tile and marble will be used. Exterior of the building will be faced with cement plaster. Plans are being prepared.

STORE FRONTS AND ALTERATIONS—Frame construction. Cost not stated. San Francisco. Architect, C. C. Dakin, 110 Sutter St., S. F. Owner's name not given. Three new store fronts and considerable interior alteration will be made to the building on the

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north line of O'Farrell street west of Fillmore. The work will include new plastering, wiring and some plumbing. Marble and tile will be used. Plans are now being prepared.

STORES AND OFFICES—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, O'Brien & Werner, Foxcroft Bldg., S. F. Owner represented by Kern-Nellau Co. This building has been mentioned here before when plans were first started. The building has a frontage on East street of 150 feet and 50 feet on Howard. The first floor will contain a number of stores and upper floor will be arranged for offices. Interior finish will be of pine throughout. There will be metal window sash and frames. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

STORES—1 or 2 story and base, brick or concrete. Cost not stated. San Francisco. Architects, Ross & Bergren, 310 California St., S. F. Owners, S. and C. Forbes. This building will be erected at the corner of Market and Rose avenue, a site recently purchased by S. and C. Forbes. The building will cover a ground area of 2,940 square feet. Leases are now being made, and until these are complete the height of the building cannot be determined. The exterior will probably be faced with pressed brick. Foundations and walls will be of sufficient strength to carry several other stories. Complete particulars will be given as the plans progress.

STORES—2 story. Class A addition to two-story building. Cost not stated. San Francisco. Architect, Oscar Haupt, Phelan Bldg., S. F. Owner, O. D. Baldwin. The building at the southwest corner of Grant avenue and Harlan Place will be altered and two more stories added. A contract for the structural steel work has been awarded to Mortensen Bros. for \$3,450. Bids for the balance of the work have been taken under advisement in the architect's offices.

DEPARTMENT STORE FIXTURES—Cost not stated. San Francisco. Architect, C. C. Dakin, 110 Sutter St., S. F. Owners, Emporium. Preliminary plans are now being made for the many new fixtures which will be required for the new addition to the Emporium. Mr. Dakin is making a study of the old building as well as of the new floor plans and will design new fixtures for many of the departments in the present building. It is estimated that between \$75,000 and \$100,000 will be expended on fixtures.

STORES—1 story, frame, \$5,000. San Francisco. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Mr.

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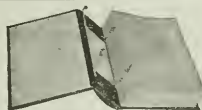
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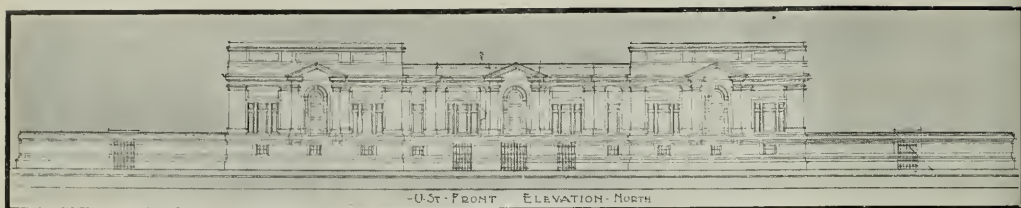
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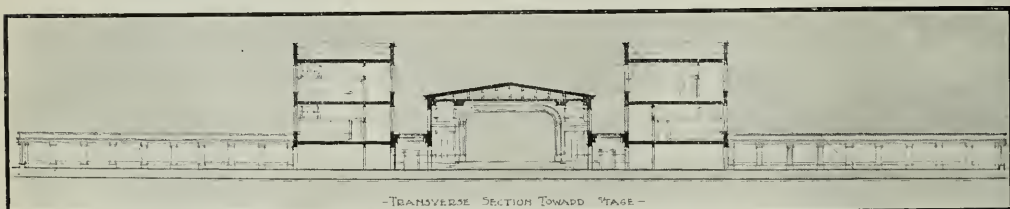
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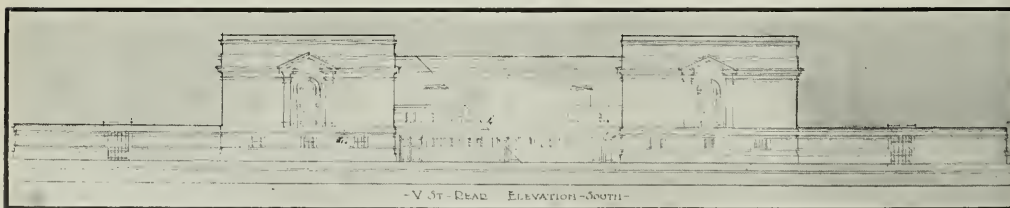
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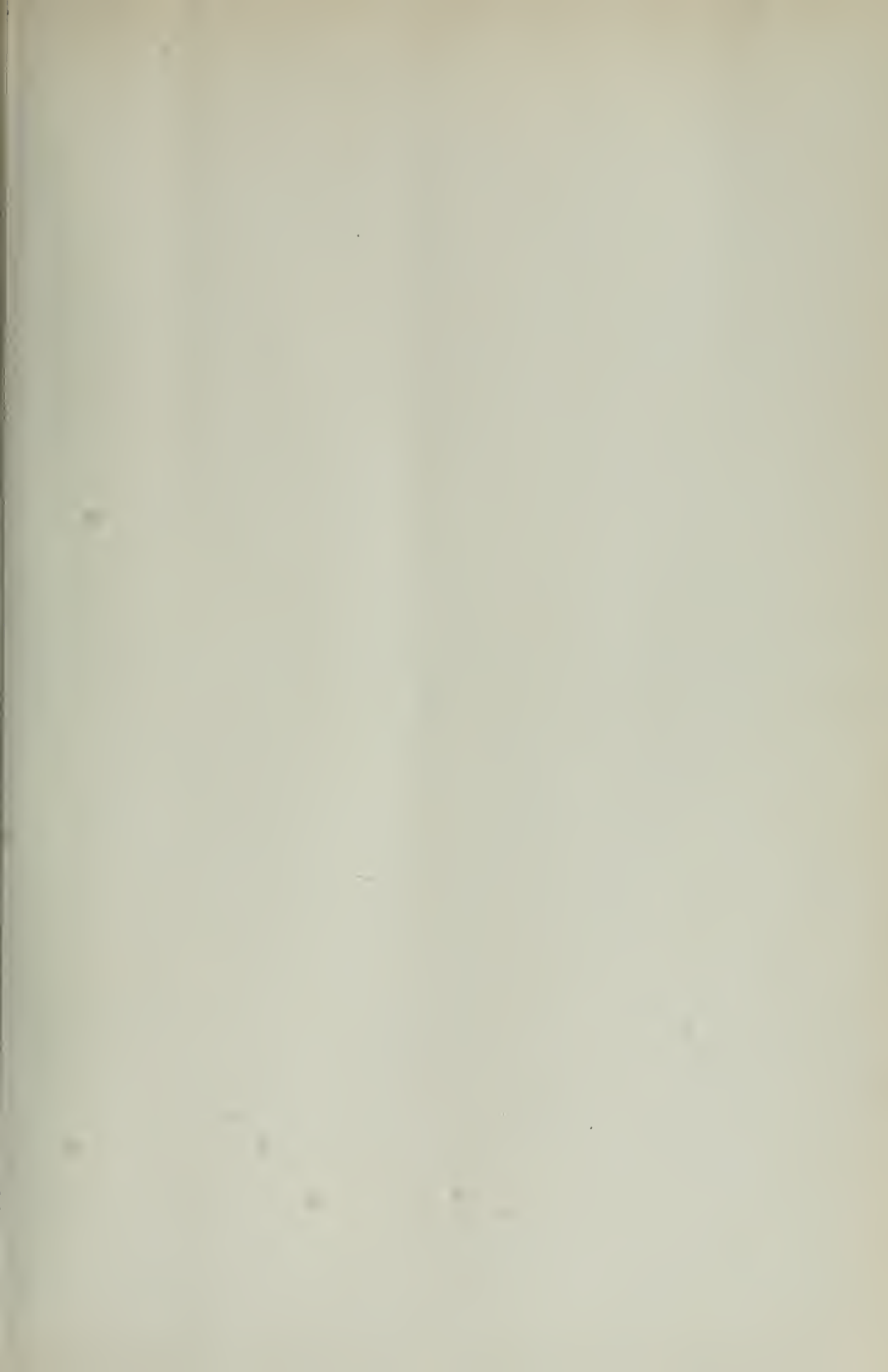


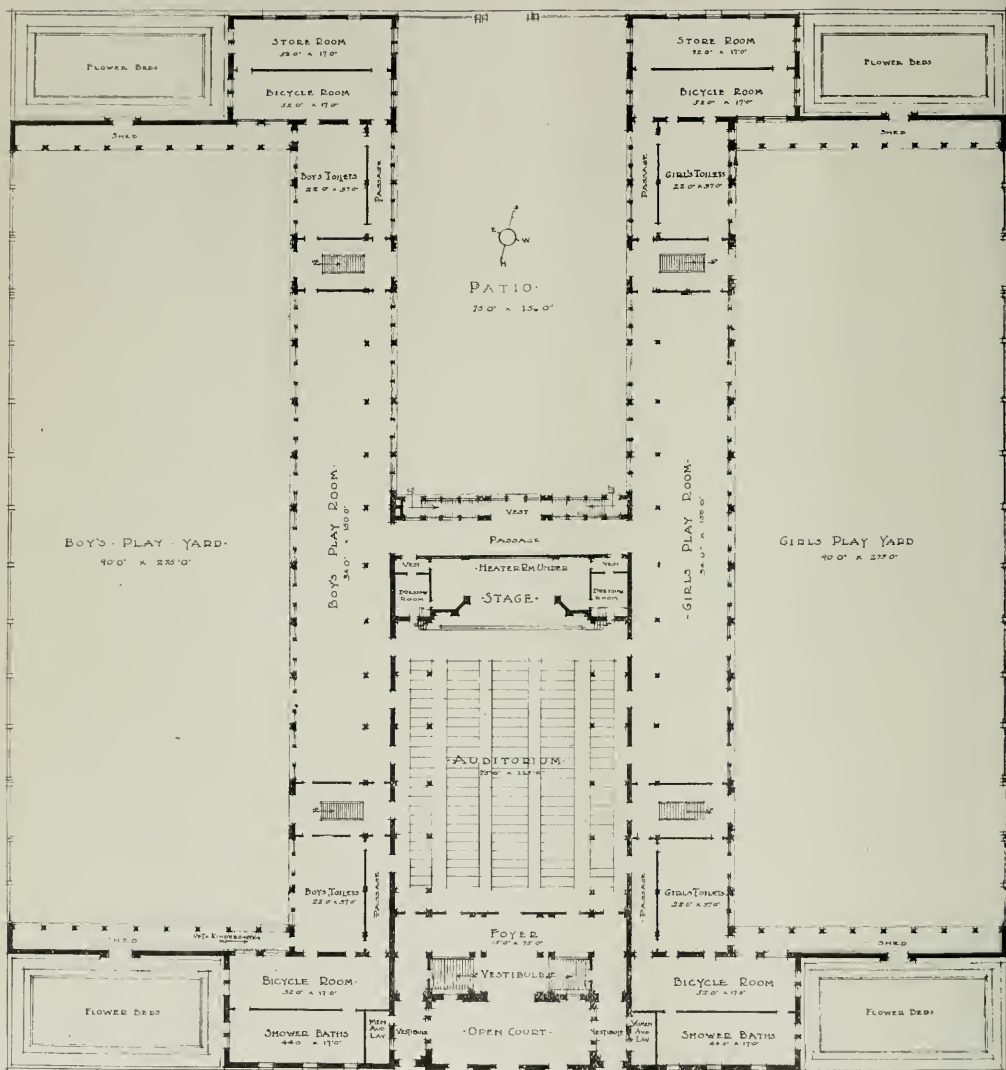
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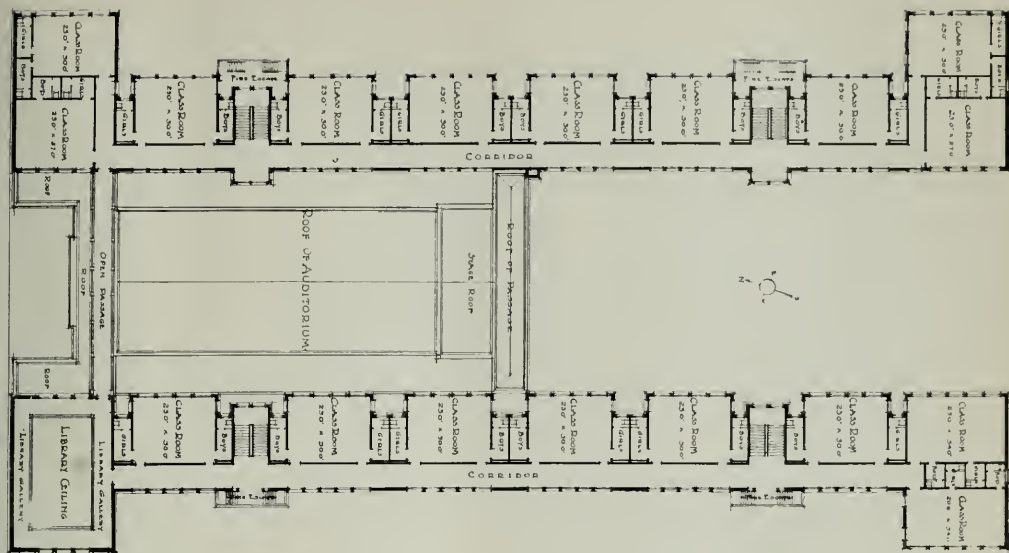
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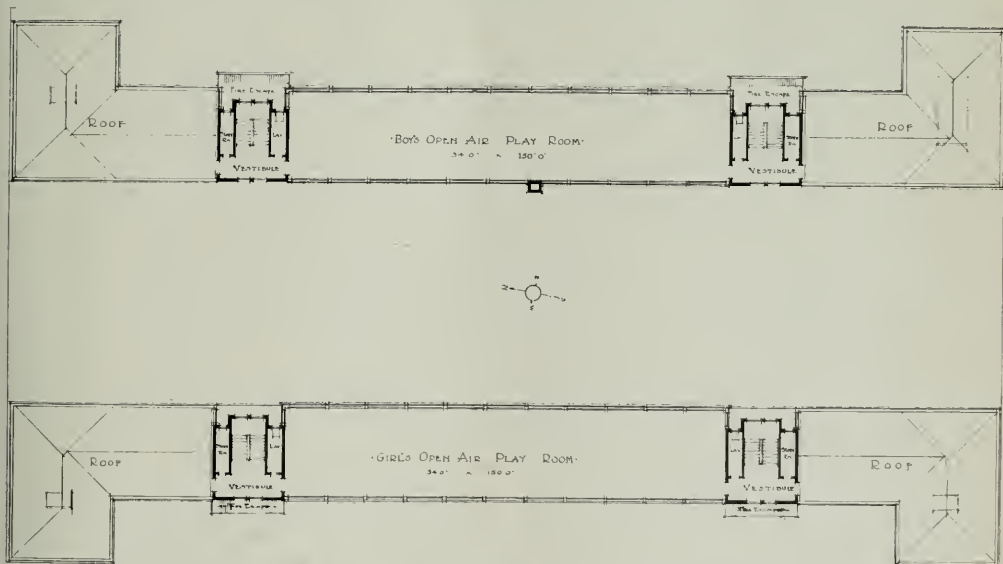


BASEMENT PLAN FIRST PRIZE SACRAMENTO SCHOOL COMPETITION
Sacramento

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SECOND FLOOR PLAN FIRST PRIZE SACRAMENTO SCHOOL COMPETITION.
Sacramento



ROOF PLAN FIRST PRIZE SACRAMENTO SCHOOL COMPETITION.
Sacramento

Shea & Lofquist, Architects
San Francisco

Engleson. The building will be erected on 18th avenue, and will contain six stores. There will be patent store fronts and plate glass windows. Interiors will be finished in pine throughout. The exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and when complete the work will probably be done by Day Labor.

TUNNEL CONSTRUCTION—\$337,000. San Francisco. Engineer, City Engineer, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids were opened at the last meeting of the Board of Public Works for the construction of the Stockton Street Tunnel. Jacobsen & Bade, Portland, submitted the lowest figure and have been awarded the contract. A complete list of the bids appears under the heading of San Francisco in this issue.

City Bids Opened.

Six Sets of Figures Received For Construction of Stockton Street Tunnel No Award Made.

Bids for the construction of the Stockton street tunnel were opened by the Board of Public Works at their meeting held Wednesday afternoon at the Temporary City Hall. Six sets of figures were submitted, the lowest tender coming from Jacobson & Bade, a Portland, Oregon firm. Their figures were \$337,000. The highest bid was presented by F. Rolandi and was for \$487,950. All bids were taken under advisement. No bids for the removal of the safety station at O'Farrell and Market streets were considered. The following is a list of the figures submitted for the construction of the Stockton street tunnel.

Stockton Street Tunnel.

Grant Smith & Co.	\$455,800
F. Rolandi	487,950
Jacobson & Bade, Portland	337,000
State Constr. Co.	419,000
E. Malley	418,000
R. C. Storrie & Co.	394,000

BUILDING SUPERINTENDENT.

Glacken, Edw. E. General building superintendent, architectural and structural; supervision of any class of building construction. Expert in reinforced concrete, including cost data, design, floor load, quantity surveying, etc. Address 568 Golden Gate Ave. Phone Franklin 7619.

Building Contracts Awarded

San Francisco.

1301	Cal Winery	.....Frost	400
1302	Catsifters	.....Leigh	650
1303	Manseau	.....Manseau	2250
1304	Same	.....Same	2500
1305	Same	.....Same	2250
1306	Same	.....Same	2250
1307	Dakin	.....Kern	2000
1308	Krause	.....Egguist	1950
1309	Benson	.....McKinna	2500
1310	De Martini	.....De Martini	400
1311	Soulier	.....Soulier	400
1312	Montrouil	.....Leibocher	1500
1313	Kueich	.....Dighero	1250
1314	Pearson	.....Sihon	1250
1315	Schroder	.....Mills	1400
1316	Daneri	.....Stefanini	12720
1317	Ryberg	.....Stern	1300
1318	Spreiman	.....Abrahams	800
1319	Harrington	.....Harrington	1000
1320	Nan	.....Nan	1900
1321	Hallahan	.....Reed	450
1322	Buckley	.....Anderson	500

1325	Wyman	.....Wyman	7000
1326	Meserdes	.....Hyde	1397
1327	Same	.....Hilp	1830
1328	Same	.....Stjogren	5348
1329	Hanley	.....Butterworth	2810
1330	Salfeld	.....Anderson	7000
1331	P G & E Co.	.....Dyer	2580
1332	Stewart	.....Bernstein	3660
1333	Same	.....Sutton	3450
1334	Same	.....Haus	5420
1335	Same	.....Sutton	2955
1336	Lachman	.....Witzelberger	9750
1337	Wigwam	.....Cahill	8150
1338	Gimpel	.....Coffey	400
1339	Wn States Adv.	.....Owner	600
1340	Litchfield	.....Burns	400
1341	Channing	.....Channing	395
1342	Bruguere	.....Owner	1000
1343	Siverson	.....Jensen	1000
1344	De Martini	.....Owner	6000
1345	Ratto	.....Ratto	6000
1346	Sorensen	.....Owner	450
1347	Urban Rity	.....Owner	4000
1348	Warkowski	.....Mil Constr	40000
1349	Gump	.....Otis	250
1350	Doherty	.....Johnson	1920
1351	Goldberg	.....Weinberg	740
1352	Fernero	.....Bacchini	714
1353	Maneu	.....Hecker	4563
1354	Hecht	.....St. Denis	37
1355	Same	.....Natl Elec	2498
1356	Same	.....Sutton	4840
1357	Same	.....Fisher	5400
1358	Rimlinger	.....Ratto	9200
1359	Meyn	.....Malloch	4225
1360	Lassus	.....Gardner	1800
1361	Alley	.....Whitney	1350
1362	Davis	.....Ratto	250
1363	Pigone	.....Sarraile	1900
1364	Cornwall	.....Garden	14355
1365	Cath Archb	.....McCarthy	11885
1366	Selby	.....Doebl	4581
1367	Collins	.....Collins	1500
1368	Hohn	.....Forderer	500
1369	Canclini	.....Agrusa	1200
1370	Ducotey	.....Ducotey	1000
1371	Stewart	.....Siber	400
1372	Carlyle	.....Johnson	3000
1373	Peters	.....Munster	500
1374	Marion	.....Van Herick	2000
1375	Cunco	.....Cunco	2000
1376	Ronconi	.....Segale	2150
1377	Strauss	.....Robinson	5000
1378	Michelsen	.....Michelsen	2000
1379	Hind	.....Hind	1700
1380	Same	.....Peterson	6370
1381	Same	.....Butler	3700
1382	Same	.....Nelson	2400
1383	Pauss	.....Marrav	8081
1384	Baum	.....Ploeger	15000
1385	Rogers	.....Ploeger	15000

(1301) NE FIFTH AND TOWNSEND.

Replace joists and lay concrete floor. Owner.....California Winery & Dist. Co., Premises.

Architect...None.
Contractor...T. P. Frost, 180 Jessie, San Francisco.
COST, \$400

(1302) NE FULTON AND EIGHTH

Ave. Repair residence and grill. Owner.....Peter Catsifters, Premises.

Architect...None.
Contractor...Leigh & Schultz, 330 8th Ave., San Francisco.
COST, \$650

(1303) E TWENTY-FIFTH AVE 125 N

Irving. Two-story and basement frame residence. Owner....E. E. Manseau, 164 Parnassus Ave., San Francisco.

Architect...None.
Day's work. COST, \$2250

(1304) E TWENTY-FIFTH AVE 175 N

Irving. Two-story and basement frame residence. Owner....E. E. Manseau, 164 Parnassus Ave., San Francisco.

Architect...None.
Day's work. COST, \$2250

(1305) E TWENTY-FIFTH AVE 200 N

Irving. Two-story and basement frame residence. Owner....E. E. Manseau, 164 Parnassus Ave., San Francisco.

Architect...None.
Day's work. COST, \$2250

(1306) E TWENTY-FIFTH AVE 150 N

Irving. Two-story and basement frame residence. Owner....E. E. Manseau, 164 Parnassus Ave., San Francisco.

Architect...None.
Day's work. COST, \$2250

(1307) E MOSCOW 135 N Geneva.

One-story and basement frame residence. Owner.....F. W. Dakin & R. L. Kern, 310 California, S. F.

Architect...None.
Contractor...R. L. Kern, 3646 17th, S. F.
COST, \$2000

(1308) E FORTY-THIRD AVE 150 S

Geary. Move and erect concrete foundation. Owner.....A. Krause, 353 Bush, S. F.

Architect...None.
Contractor...Edw. H. Egguist, 531 43rd Ave., San Francisco.
COST, \$1950

(1309) NO. 466 PARIS. Raise and add

one story. Owner.....Chas. Benson, Premises.

Architect...None.
Contractor...P. H. McKinna, 486 Paris, San Francisco.
COST, \$1560

(1310) N BROADWAY 182-6 W Ma-

son. Concrete foundation. Owner.....P. F. De Martini, 451 Columbus Ave., S. F.

Architect...G. Delucci, 2123 Powell, San Francisco.
Day's work. COST, \$400

(1311) NO. 341 BOCANA AVE. Install

window and new front. Owner.....J. Soulier, Premises.

Architect...None.
Day's work. COST, \$400

(1312) W ELLSWORTH, bet. Jarboe

and Tompkins. One-story and basement frame dwelling. Owner.....D. Keating, 600 Andover, San Francisco.

Architect...None.
Contractor...Jacob Leibocher, 140 Swiss Ave., San Francisco.
COST, \$1500

(1313) W MOULTRIE 125 S Eugenia.

One-story and basement dwlg. Owner.....P. W. Montrouil, 255 Moultrie, San Francisco.

Architect...None.
Day's work. COST, \$1200

(1314) E NEWELL \$0 N Lombard.

One-story and basement frame shop. Owner.....John Kueich.

Architect...Paul F. De Martini, 451 Columbus Ave., S. F.
Contractor...John Dighero, 354 Lombard, San Francisco.
COST, \$1125

(1315) S RICHLAND AND S. P. Right

of Way. One-story and basement frame dwelling. Owner.....John Pearson, 1 Richland Ave., San Francisco.

Architect...H. Dittick, 25 Richland Ave., San Francisco.
Contractor...Jos. Schon, 250 Bosworth, San Francisco.
COST, \$1250

(1316) E ELEVENTH AVE 150 N Anza

One-story and basement frame dwlg.

Owner...Ross H. Mills, 425 45th Ave., San Francisco.

Architect...None.
Architect...P. N. Sampson, 29th and Diamond, S. F.

Day's work. COST, \$1400

(1317) N ROLPH 235 W Madrid. One and one-half-story and basement frame residence.

Owner.....Schröder & Allis, 460 Du-hoce Ave., San Francisco.

Architect...None.
Day's work. COST, \$2250

(1318) S BROADWAY 68-9 E Mason E 43-9xS 75. All work for three-story frame building (6 flats.)

Owner.....Eugenia, Guglielmo and Emilia Daneri, 546 Union, San Francisco.

Architect...None.
Contractor...S. Montani and G. Stefanini, 1753 Greenwich, S. F.

Filed April 7, '13. Dated April 5, '13.

Rough frame up and roof on.....\$3180
Brown coated 3180
Completed and accepted..... 3180
Usual 35 days..... 3180

TOTAL COST, \$12,720

Bond, \$6360. Sureties, G. Giusti and N. Capurro. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.

NOTE:—Plans by Andrew Cuneo, 133 Jasper Place, San Francisco.

(1319) LOT 85 JACOB HEYMAN SUB Cobb Tract. All work except painting, cement floors, rat proofing, electric fixtures and shades for one and one-half-story frame cottage.

Owner.....Louis Ryberg, 114 Virginia Ave., San Francisco.

Architect...None.
Contractor, S. J. Sterner, 3228 19th, San Francisco.

Filed April 7, '13. Dated April 7, '13.

Frame up and rafters on.....\$327.50
Brown coated 327.50
Completed 327.50
Usual 35 days..... 327.50

TOTAL COST, \$1300.00

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1320) NO. 1616 SANCHEZ. Alter flat into store.

Owner.....Mr. Spigelman, Premises.
Architect...None.

Contractor...H. Abrahams, 134 Hale, San Francisco.

COST, \$800

(1321) S LINCOLN WAY 32-6 E 11th Ave. One-story and basement frame residence.

Owner.....A. Harrington, NW 5th Ave and Judah, S. F.

Architect...None.
Day's work. COST, \$2000

(1322) N FARRAGUT 25 E Roe. One story and basement frame residence.

Owner.....Andrew Nan.
Architect...O. E. Evans, 2367 Mission, San Francisco.

Day's work. COST, \$1000

(1323) NO. 618 BROADWAY. Under-plin wall.

Owner.....Hallahan & Getz, 987 Market, San Francisco.

Architect...None.
Contractor...Reed & White, Monadnock Bldg., S. F.

COST, \$450

(1324) NO. 526 PRECITA AVE. Move and add to dwelling.

Owner.....Maurice Buckley, Premises.
Architect...None.

Contractor...Jno Anderson, 1620 Florida San Francisco.

COST, \$500

(1325) S CALIFORNIA 196 W Van Ness Ave. Three-story and basement frame (6) flats.

Owner.....J. F. Wyman, 1959 Hayes, San Francisco.

Architect...None.
Day's work. COST, \$7000

(1326) NE BEALE 57-6 NW Howard NW 40xNE 45-10. Furnishing and driving of piles for three-story brick store building.

Owner.....Henry A. Wm. C. and Anna C. Welchart and Minnie C. Meyerderks, 181 Beale, San Francisco.

Architect...J. Chas. Flugger, Crocker Bldg., San Francisco.

Contractor...Hyde-Harjes & Co., 110 Market, San Francisco.

Filed April 8, '13. Dated Mar. 31, '13.

75% of total cost when all piles are driven 25%

Usual 35 days 25%

TOTAL COST, \$1397.50

Bond, \$698.75. Surety, Massachusetts Bonding & Insurance Co. Limit, 10 days after grading done. Forfeit, \$5. Plans and specifications filed.

(1327) CONCRETE, FOUNDATION walls and piers, side walk, etc., on above.

Contractor...J. F. Barrett and H. H. Hilp Jr., 12 Sunnyside, S. F.

Filed April 8, '13. Dated Mar. 31, '13.

Foundation, basement walls, piers and walls around front side walk in.....\$872.50

Basement floor laid and front side walk roughed in..... 200.00

Concrete work completed and accepted 200.00

Usual 35 days..... 457.50

TOTAL COST, \$1830.00

Bond, \$915. Sureties, Margt. Barrett and Emma H. Hilp. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(1328) ALL WORK EXCEPT GRADING, piling and foundation or concrete work and iron work on above.

Contractor...F. O. Sjogren and August Sjogren, 110 Jessie, S. F.

Filed April 8, '13. Dated Mar. 31, '13.

2nd floor ceiling joists on.....\$137

Roof on and brick work done..... 137

Completed and accepted..... 137

Usual 35 days 137

TOTAL COST, \$5348

Bond, \$2674. Sureties, E. Ross and G. S. Turner. Limit, 40 days after foundations done. Forfeit, \$5. Plans and specifications filed.

(1329) W SEVENTH AVE 100 S Geary All work except foundation, front, masonry and gas and electric fixtures for two-story and basement frame flats.

Owner.....W. H. Hanley, 419 7th Ave., San Francisco.

Architect...Plans by Contractor.
Contractor...Jas. H. Butterworth.

Filed April 8, '13. Dated April 8, '13.

2nd floor completed\$702.50

Brown coated 702.50

Completed 702.50

Usual 35 days..... 702.50

TOTAL COST, \$2810.00

Bond, none. Limit, July 1. Forfeit, none. Plans and specifications filed.

(1330) N BERNARD 91-6 W Jones W 23xN 60. All work for three-story and basement frame apartments.

Owner.....David Salfield, 500 Chnie Bldg., San Francisco.

Architect...Salfield & Kohlberg, 500 Chnie Bldg., S. F.

Contractor...N. P. Anderson, 320 Market San Francisco.

Filed April 8, '13. Dated April 8, '13.

Frame up\$1000

Roof on and floors laid..... 1000

Brown coated 1000

Standing finish on..... 1250

Completed and accepted..... 1000

Usual 35 days..... 1750

TOTAL COST, \$7000

Bond, \$3500. Sureties, R. G. Folte and R. Ringrose. Limit, 30 days Forfeit, \$3. Plans and specifications filed.

(1331) W MEACHAM PLACE 74-6 S Post W 56xS 40. Steel work, painting and erection of steel work for steam station (one-story structure).

Owner.....Pacific Gas & Electric Co., 445 Sutter, San Francisco.

Architect...Fredk. H. Meyer, Bankers' Invest. Bldg., S. F.

Contractor...Dyer Bros. Golden West Iron Works, 17th and Kansas, San Francisco.

Filed April 8, '13. Dated April 4, '13.

Payments on 1st and 15th of each month of 75%

Usual 35 days 25%

TOTAL COST, \$2580

Bond, \$1290. Sureties, J. O'Shea and Wm. Witney. Limit, May 1. Forfeit, none. Plans and specifications filed.

(1332) S GEARY 137-6 E Mason E 37-6 x137-6. Painting and interior finishing for seven-story and basement annex to Stewart Hotel.

Owner...Stewart Estate Co.

Architect...Cunningham & Politeo, 1st National Bank Bldg., S. F.

Contractor...Wm. Bernstein, 1323 Fulton, San Francisco.

Filed April 8, '13. Dated April 5, '13.

On 1st and 15th of each month. 75%

Usual 35 days..... 25%

TOTAL COST, \$2660

Bond, \$1330. Surety, Aetna Accident & Liability Co. Limit, 40 days after notification. Forfeit, \$50. Plans and specifications filed.

(1333) TILE WORK ON ABOVE.

Contractor...John G. Sutton Co. 243 Minna, San Francisco.

Filed April 8, '13. Dated Mar. 31, '13.

Payments same as above.....

TOTAL COST, \$3450

Bond, \$1725. Surety, Pacific Coast Casualty Co. Limit, 30 days after notification. Forfeit, \$50. Plans and specifications filed.

(1334) ORNAMENTAL IRON ON above.

Contractor...A. Haus, 16th and Bryant, San Francisco.

Filed April 8, '13. Dated Mar. 31, '13.

TOTAL COST, \$5420

Bond, \$2710. Surety, Aetna Accident & Liability Co. Limit, 30 days after notification. Forfeit, \$50. Plans and specifications filed.

(1335) STEAM HEATING ON ABOVE.

Contractor...John G. Sutton Co. 243 Minna, San Francisco.

Filed April 8, '13. Dated Mar. 31, '13.

Payments same as above.....
TOTAL COST, \$2955
 Bond, \$1477.50. Surety, Pacific Coast Casualty Co. Limit, 50 days after notification. Forfeit, \$50. Plans and specifications filed.

(1336) N GEARY 109 E Van Ness Ave N 120x E 29. All work for two-story brick stores and lofts.
 Owner.....Gustave Lachman.
 Architect...A. F. & C. M. Rousseau, Monadnock Bldg., S. F.
 Contractor...J. Witzelsberger, 126 Rousseau, San Francisco.
 Filed April 8, '13. Dated April 7, '13.
 1st floor joists on.....\$2439.75
 Brown coated.....2439.75
 Completed and accepted.....2439.75
 Usual 35 days.....2439.75
TOTAL COST, \$9759.00

Bond, \$4879.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(1337) E MISSION 215 N 22nd N 88x E 122-6 MB 64. Carpenter, mill, composition flooring, glazing, marble work, etc., for theatre building.
 Owner.....Wigwam Amusement Co.
 Architect...W. H. Crim Jr., 425 Kearny, San Francisco.
 Contractor...J. R. Cahill.
 Filed April 8, '13. Dated April 4, '13.
 1st and 15th of each month.... 75%
 Usual 35 days, 25%.....\$2037.50
TOTAL COST, \$8150.00

Bond, \$4200. Surety, Globe Indemnity Co. of New York. Limit, as fast as required. Forfeit, \$15. Plans and specifications filed.

(1338) NO. 2351 MARKET. Alter front.
 Owner.....Gimpel Estate, Premises.
 Architect...None.
 Contractor...M. Coffey, 337 31st Ave., San Francisco.
COST, \$400

(1339) SE MISSION AND SIXTEENTH. Erect electric roof signs.
 Owner.....Western States Adv. Co., 370 Valencia, S. F.
 Architect...None.
 Day's work.....
COST, \$600

(1340) S FAIRFAX 125 E Marshall. Raise dwelling, concrete foundation and cement floor.
 Owner.....Chas. Litchfield, 1450 Galvez Ave., San Francisco.
 Architect...None.
 Contractor...J. W. Burns, 101 Thornton Ave., San Francisco.
Cost, \$400

(1341) NO. 340 TWELFTH AVE (rear). One-story and basement frame dwlg.
 Owner.....E. M. Channing, Premises.
 Architect...None.
 Day's work.....
COST, \$500

(1342) NO. 372 CALIFORNIA. Install electric side walk elevator.
 Owner.....Brugulere Co., 133 Geary, San Francisco.
 Architect...None.
 Day's work.....
COST, \$1000

(1343) NO. 2041 GROVE. Move and repair dwelling.
 Owner.....Mr. Silversen, Premises.
 Architect...None.
 Contractor...John Jensen, 12 Middle, San Francisco.
COST, \$1000

(1344) N BROADWAY 182-6 W Mason. Three-story and basement frame (3) flats.
 Owner.....Paul F. De Martini, 451 Columbus Ave., S. F.
 Architect...None.
 Day's work.....
COST, \$6000

(1345) E VALENCIA 110 S 19th. Add 2 concrete stories to present factory.
 Owner.....G. Ratto, 4401 18th, S. F.
 Architect...Riggett & Headman, Phelan Bldg., San Francisco.
 Day's work.....
COST, \$6000

(1346) NO. 464 THIRTY-FIRST AVE. One-story concrete store.
 Owner.....R. Sorensen, Premises.
 Architect...None.
 Day's work.....
COST, \$450

(1347) E DE SOTO 90 N Holloway. Two-story and basement frame residence.
 Owner.....Urban Realty Imp. Co., 903 Phelan Bldg., S. F.
 Architect...None.
 Day's work.....
COST, \$4000

(1348) N GEARY 112-6 W Jones W 25 xN 137-6. All work for five-story and basement reinforced concrete hotel.

Owner.....Florentina and Wm. Wankowski, 16 Eddy, S. F.
 Architect...A. F. and O. M. Rousseau, Monadnock Bldg., S. F.
 Contractor...The Mutual Constr. Co., Monadnock Bldg., S. F.
 Filed April 9, '13. Dated April 5, '13.
 1st story joists on and concrete filled up to that point.....\$ 6500
 3rd story, same.....5000
 Structural concrete done and asphalt roof on.....5000
 Ready for lathing.....5000
 Standing trim on.....5000
 Completed and accepted.....3500
 Usual 35 days.....10000
TOTAL COST, \$40,000

Bond, \$20,000. Surety, New England Casualty Co. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.

(1349) NE GEARY AND JONES. One passenger elevator for seven-story and basement Class "C" lodging house
 Owner.....S. & G. Gump Realty Co., 268 Post, San Francisco.
 Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...Otis Elevator Co., Beach & Stockton, San Francisco.
 Filed April 9, '13. Dated April 8, '13.
 Engine delivered.....\$1250
 Engine in position.....625
 Elevator completed.....625
TOTAL COST, \$2500

Bond, none. Limit, Oct. 15. Forfeit, none. Specifications only filed.

(1350) W PENNSYLVANIA AVE 425 N 22d N 25xW 100. Excavation, concrete, plumbing, plaster and painting for one-story and basement frame cottage.

Owner.....John Doherty, 940 Pennsylvania Ave., S. F.
 Designer...M. W. Johnson.
 Contractor...M. W. Johnson and J. M. Jansen, 495 Staples Ave., San Francisco.
 Filed April 9, '13. Dated April 5, '13.
 Ceiling joists in place.....\$284
 Ready for plaster.....384
 Door jambs set.....384
 Completed and accepted.....384
 Usual 35 days.....384
TOTAL COST, \$1920

Bond, none. Limit, 90 days after April 8. Forfeit, none. Plans and specifications filed.

(1351) NO. 209 NEY 100 E Congdon. Concrete, carpentering, plaster, plumbing and painting for alterations and addition to one-story frame cottage.

Owner.....P. Goldberg, Premises.
 Architect...None.
 Contractor...I. Weinberg, 30 Lakeview Ave., San Francisco.

Filed April 9, '13. Dated April 8, '13.
 Roof on.....\$200
 Brown coated.....200
 5 days after completion.....340
TOTAL COST, \$740

Bond, none. Limit, 50 days after April 14. Forfeit, none. Plans and specifications filed.

(1352) SE THIRTY-THIRD AVE 250 SE "J" 25x100. All work for one-story frame cottage.

Owner.....Frank Ferraro, 2610A 21st, San Francisco.

Architect...None.
 Contractor...Adolph Bacchini.
 Filed April 9, '13. Dated Mar. 17, '13.

At signing of contract.....\$204
 Balance at rate of \$12 per month on 15th of each month, interest 4%.....
TOTAL COST, \$714

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications, none.

(1353) S IRVING 57-6 W Tenth Ave 25x100. All work for two-story frame store and flats.

Owner.....F. Mancuso, 838 Irving San Francisco.

Architect...Theo. W. Lenzen, Humboldt Bank Bldg., S. F.
 Contractor...Heckenroth & Schell, 110 Jessie, San Francisco.

Filed April 9, '13. Dated April 8, '13.
 Frame up, enclosed and roof on.....\$1140
 Brown coated.....1141
 Completed and accepted.....1141
 Usual 35 days.....1141
TOTAL COST, \$4563

Bond, \$2285. Sureties, A. Leaf and N. F. Nielsen. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1354) NW VAN NESS AVE AND POST N 120xW 159. Painting, tinting and white washing, etc., for three-story Class "B" building (for Heald's Business College).

Owner.....The Hecht Investment Co., Kohl Bldg., S. F.

Architect...Sylvain Schnaitacher, 1st National Bank Bldg., S. F.

Contractor...J. St. Denis & Co., 1045 Sutter, San Francisco.

Filed April 9, '13. Dated April 1, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$3100

Bond, \$1550. Surety, Fidelity & Deposit Co. of Maryland. Limit, 154 days. Forfeit, \$25. Plans and specifications filed.

(1355) ELECTRIC WIRING ON ABOVE. Contractor...National Electric Co., 103 Turk, San Francisco.

Filed April 9, '13. Dated April 1, '13.
 All conduit in place.....\$1249
 Completed and accepted.....624
 Usual 35 days.....625
TOTAL COST, \$2498

Bond, \$1249. Surety, Globe Indemnity Co. Limit, 138 days. Forfeit, \$25. Plans and specifications filed.

(13516) HEATING WORK ON ABOVE
Contractor...John G. Sutton Co., 243
Minna, San Francisco.

Filed April 9, '13. Dated April 1, '13.
Roughed in\$2420
Completed and accepted..... 1210
Usual 35 days..... 1210

TOTAL COST, \$4810

Bond, \$2420. Surety, Pacific Coast
Casualty Co. Limit, 138 days. Forfeit,
\$25. Plans and specifications filed.

(13517) PLUMBING ON ABOVE.

Contractor...Fisher & Wolfe, 20 Te-
hama, San Francisco.

Filed April 9, '13. Dated April 1, '13.
Roughed in\$2700
Completed and accepted..... 1350
Usual 35 days..... 1350

TOTAL COST, \$5100

Bond, \$2700. Surety, Globe Indemnity
Co. Limit, 138 days. Forfeit, \$25.
Plans and specifications filed.

(13518) W FORTY-SIXTH AVE 125 N
Puliton. All work except lighting
fixtures, lamps and shades for two-
story frame residence.

Owner.....Daniel Rimlinger, 730 Har-
rison, San Francisco.

Architect...National Architectural &
Eng. Co., 63 Post, S. F.

Contractor...W. H. Martin, 1278 21st
Ave, San Francisco.

Filed April 9, '13. Dated April 5, '13
Frame up\$991.25
1st coat plaster on and roof on 991.25
Completed and accepted..... 991.25
Usual 35 days..... 991.25

TOTAL COST, \$3965.00

Bond, \$1982.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 90
days. Forfeit, none. Plans and speci-
fications filed.

(13519) W LEXINGTON AVE 210 N
20th N 25xW '80. All work for two-
story and basement frame flats.

Owner.....Harry and Eva Meyn, 248
San Carlos Ave., S. F.

Architect...None.

Contractor...J. S. Malloch, 110 Jessie,
San Francisco.

Filed April 9, '13. Dated April 8, '13.
Frame up\$1056.25
Brown coated 1056.25
Completed 1056.25
Usual 35 days..... 1056.25

TOTAL COST, \$4225.00

Bond, \$2113. Surety, Globe Indemnity
Co. of New York. Limit, 90 days. For-
feit, none. Plans and specifications
filed.

(13520) S HUDSON AVE (8th Ave So)
360 E Keith E 50xS 100 Ptn. Lot 222
Blk 163 Central Park Association. All
work except gas and electric fixtures
and shades for one story and base-
ment frame cottage.

Owner.....Anna Lassus.

Architect...None.

Contractor...K. C. Gardner, 335 Ray-
mond Ave., S. F.

Filed April 10, '13. Dated April 9, '13.
\$15 per month when house com-
pleted, interest at 8%.....

TOTAL COST, \$1800

Bond, none. Limit, 80 days. Forfeit,
none. Plans and specifications filed.

(13521) NW PINE AND MIDDLE W 21x
N 87-6 WA 313. All work for three-
story and basement frame flats.

Owner.....Israel Davis, 922 Ellis, S. F.

Architect...C. O. Clausen, Phelan Bldg.
San Francisco.

Contractor...Ratto & Giannini, 232
Hartford, San Francisco.

Filed April 10, '13. Dated April 7, '13.

Frame up\$2300

Brown coated 2300

Completed and accepted..... 2300

Usual 35 days..... 2300

TOTAL COST, \$8200

Bond, \$4600. Sureties, O. Giannini and
G. Ratto. Limit, 90 days. Forfeit, none

Plans and specifications filed.

(13522) N FILBERT 95 W Mason 21-6x
114-6. All work except window
shades, gas fixtures and finish hard-
ware for two-story frame building
with basement (flats.)

Owner.....August Figone, 755 Fil-
bert, San Francisco.

Architect...None.

Contractor...A. Sarraile, 2115 Powell,
San Francisco.

Filed April 10, '13. Dated April 7, '13.

Frame up\$475

Brown coated 475

Completed and accepted..... 475

Usual 35 days..... 475

TOTAL COST, \$1900

Bond, \$950. Sureties, B. Cuneo and N.
Capurro. Limit, 60 days after April
14. Forfeit, none. Plans and specifi-
cations filed

(13523) S ROSE 110 E Gough E 27-6 S
to NW Market; SW to Rose Ave th N
to beg. Excavation, concrete, rein-
forced concrete, brick, iron and steel,
carpenter, mill, tin and galvanized
iron, glazing, etc., for five-story and
basement reinforced concrete rooming
house and stores.

Owner.....Bruce Cornwall, Mills
Bldg., San Francisco.

Architect...W. H. Crim Jr., 425 Kear-
ny, San Francisco.

Contractor...Frank M. Garden & Co., 251
Kearny, San Francisco.

Filed April 10, '13. Dated April 8, '13.

Concrete poured in to top of 1st
floor joists\$1500

Structural concrete poured and
roof boards on 2700

Ready for lath and plaster..... 3282

Completed and accepted..... 3282

Usual 35 days..... 3591

TOTAL COST, \$14,355

Bond, \$7500. Surety, Massachusetts
Bonding & Insurance Co. Limit, 120
days. Forfeit, \$15. Plans and specifi-
cations filed.

(13524) E DIAMOND 74 S Elizabeth E
100xS 40. All work for two-story and
basement frame with concrete founda-
tions (pastoral residence.)

Owner.....The Roman Catholic Arch-
bishop of S. F., 1100 Frank-
lin, San Francisco.

Architect...Welsh & Carey, Merchants
National Bldg., S. F.

Contractor...Jas. F. McCarthy, 432
Eureka, San Francisco.

Filed April 10, '13. Dated April 9, '13.

Frame up and enclosed.....\$3037

Inside plaster finished..... 3036

Completed and accepted..... 2840

Usual 35 days..... 2972

TOTAL COST, \$11,885

Bond, \$5943. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 100 days.
Forfeit, \$10. Plans and specifications
filed.

(13525) E FIRST 80 S Howard 76-8 1/2 x
81. Finishing of foundations, walls,
ceilings, floors, roofings and other
work for warehouse annex to main
building.

Owner.....Selby Smelting & Lead Co.,
1st and Howard, S. F.

reहित...None.

Contractor...Charles Deubel, 244 First,
San Francisco.

Filed April 12, '13. Dated April 11, '13.

One-half completed 25%

Fully completed 50%

Usual 35 days..... 25%

TOTAL COST, \$4581

Bond, none. Limit, 45 days. Forfeit,
none. Plans and specifications filed.

(13526) NO. 372 RICHLAND AVE. One
and one-half-story and basement
frame dwelling.

Owner.....James E. Collins, Prem.

Architect...None.

Day's work. COST, \$1500

(1351) SE ANNA LANE AND ELLIS.
Erect marquis.

Owner.....J. Hohn.

Architect...Cunningham & Politeo, 1st
National Bank Bldg., S. F.

Contractor...Forderer Cornice Works,
269 Potrero Ave., S. F.

COST, \$500

(1352) E MANCHESTER 362-6 N
Stevenson. One-story and basement
frame dwelling.

Owner.....Vincent and Rosie Cancilli,
59 Manchester, S. F.

Architect...L. Mollinari, 661 Greenwich
San Francisco.

Contractor...Sam Agrusa, 2680 Powell,
S. F.

COST, \$1200

(1353) NW FALCON 45-5 NE Argent
Alley. One-story and basement and
attic frame residence.

Owner.....Frank Ducotey, 135 Henry,
San Francisco.

Architect...None.

Day's work. COST, \$1000

(1354) NO. 2505 PACIFIC AVE. Re-
pair garage.

Owner.....James Stewart, 2511 Pacific
Ave., San Francisco.

Architect...None.

Contractor...Harry Sibler, 978 Ellis,
San Francisco.

COST, \$400

(1355) E SIXTH AVE 50 S Anza. Two
story and basement frame (2) flats.

Owner.....Mrs. Emma E. Carlyle, 512
Sixth Ave., San Francisco.

Architect...A. R. Carlyle, 512 Sixth
Ave, San Francisco.

Contractor...J. H. Johnson, 732 9th Ave.
San Francisco

COST, \$3000

(1356) SW CENTRAL AND GOLDEN
Gate Aves. Alter front.

Owner.....Henry Peters, 109 Doug-
lass, San Francisco.

Architect...None.

Contractor...Munster & Bornholdt, 1530
Broderick, San Francisco.

COST, \$500

(1357) NO. 1902 WEBSTER. Remove
front and extend same to street line;
concrete basement floor and passage
way and rear yard.

Owner.....Elias Manlon, 137 23rd Ave
San Francisco.

Architect...None.

Contractor...Wm. Van Herick, 218 23rd
Ave., San Francisco.

COST, \$2000

(1358) SW CHILD AND LOMBARD
(rear). Two-story and basement
frame dwelling.

Owner.....Frank Cunco, 373 Lombard,
San Francisco.
Architect...None.
Day's work.....COST, \$1700

(1389) NW DELANO 792 NE Ocean
Ave. One-story and basement frame
residence.
Owner.....David Ronconi.
Architect...F. Hanson, 155 Delano Ave
San Francisco.
Contractor...De Martini & Segale, 274
29th, San Francisco.
COST, \$2000

(1390) W VALENCIA, bet Clinton Park
and Bronsan. Remove mud sills and
replace same with brick foundation.
Owner.....Levi Strauss & Co., SE
Pine and Battery, S. F.
Architect...None.
Contractor...Robinson & Gillispie, 1051
Sutter, San Francisco.
COST, \$5000

(1391) S TWENTY-SEVENTH 80 E
Noe. Two-story and basement frame
flats.
Owner.....Chas. Michelson, 416 27th,
San Francisco.
Architect...None.
Day's work.....COST, \$2000

(1392) N CALIFORNIA 77-6 W Front
W 60-8½XN 127-6 50 V 3. Excava-
tion and pumping for six-story and
basement building.
Owner.....The Hind Estate Co., 310
California, San Francisco.
Architect...John Reid Jr., Merchants'
Exchange Bldg., S. F.
Contractor...Sibley Grading & Teaming
Co., 180 Jessie, S. F.
Filed April 12, '13. Dated April 3, '13.
On 15th of each month as work
progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$2150

Bond, none. Limit, 30 days from April
3. Forfeit, \$10. Plans and specifica-
tions filed.

(1393) CONCRETE, DRAINAGE TILE,
sump and pipe, grouting under cast
iron base side walk and granite curb
on above.
Contractor...H. L. Petersen, 62 Post,
San Francisco.
Filed April 12, '13. Dated April 4, '13.
Payments same as above.....

TOTAL COST, \$6370
Bond, \$3185. Surety, The Aetna Acci-
dent & Liability Co. Limit, 15 days
after erection of steel frame. Forfeit,
\$10. Plans and specifications filed.

(1394) PILE DRIVING ON ABOVE.
Contractor...McGowan & Butler, 150
Jessie, San Francisco.
Filed April 12, '13. Dated April 4, '13.
Payments same as above.....

TOTAL COST, \$3700
Bond, \$1850. Surety, Pacific Coast
Casualty Co. Limit, 30 days after lot is
excavated. Forfeit, \$10. Plans and
specifications filed.
(1395) W CASTRO 25 S Twenty-first
S 25XW 75. All work for two-story
and basement frame residence.
Owner.....E. L. and Dora Fauss.
Architect...None.
Contractor...H. Nelson & C. Nelson
Filed April 12, '13. Dated April 7, '13.
Frame up.....\$610
Plaster on.....610
Completed and accepted.....610
Usual 35 days.....610
TOTAL COST, \$2410

Bond, none. Limit, 50 days. Forfeit,
none. Plans and specifications filed.

(1396) S "H" (Sunset Dist.) 57-6 E
48th Ave E 50X8 100. All work for
one-story basement and attic frame
residence.

Owner.....Ellza Baum.
Architect...Herman Barth, 12 Geary,
San Francisco.
Contractor...T. Roy Murray, 116 10th
Ave., San Francisco.

Filed April 12, '13. Dated April 4, '13.
Frame up and braced.....\$700.00
Brown coated.....800.00
Completed and accepted.....810.50
Usual 35 days.....771.00
TOTAL COST, \$3081.50

Bond, \$1542. Surety, Elizabeth Murray
and Louis Helper, Limit, 60 days from
recording. Forfeit, \$5. Plans and speci-
fications filed.

(1397) NW PACIFIC AND MASON N
59-6XW 97-6. All work for three-
story and basement frame store,
flats and garage.

Owner.....J. Rogers, 1533 Mason,
San Francisco.
Architect...A. F. and O. M. Rousseau,
Monadnock Bldg., S. F.
Contractor...J. M. Ploeger, 3265 26th,
San Francisco.

Filed April 12, '13. Dated April 10, '13.
3rd story joists up.....\$2250
Frame up and roof on.....2250
Brown coated.....2350
Standing finish on.....2350
Completed and accepted.....2350
Usual 35 days.....3750
TOTAL COST, \$15,000

Bond, \$7500. Sureties, J. R. Billington
and H. Freese. Limit, 100 days after
April 14. Forfeit, none. Plans and
specifications filed.

COMPLETION NOTICES.

San Francisco.

April 5, 1913—S GEARY 112-6 E Polk
S 120X E 72-6. John Sheehy Co., Inc
to The Turner Co., April 5, 1913

April 5, 1913—N PAGE 106-3 W
Steiner W 25 N 137-6 E 21-3 S 30-7
E 2-9 S 106-11. Michael Demphick
to whom it may concern, April 2, 1913

April 5, 1913—SW O'FARRELL AND
Carlos Place S 57-6 E 2-6 S 40 W
60 N 97-6 E 57-6. The Levy Real
Estate Co (cpn) to The California
Concrete Co and Ralston Iron Wks
.....Mar. 27, 1913

April 5, 1913—COMG 137-6 E Polk
and 134 N Lombard N 29XE 68-9.
Saverio and wf Sylvia Autera to L
Del Carlo.....April 5, 1913

April 5, 1913—N GREENWICH 232-6
E Stockton E 20XN 90. Mrs B
Calderoni to Luigi Segale, April 5, 1913

April 5, 1913—N GREENWICH 212-6
E Stockton E 20XN 90. Arthur F
and Mary Calderoni to Luigi Segale
.....April 5, 1913

April 7, 1913—SE MARKET & ECKER
Crocker Estate Co to R McLelland
.....April 3, 1913

April 7, 1913—SE BRYANT AND SW
Zoe SW 125XSE 160 Shreve & Co
cpn to The Lilley & Thurston Co.,
.....Mar. 28, 1913

April 7, 1913—SW CLIPPER AND
Castro S 26-6XW 80. Wm Hurley
to Mager Bros.....April 7, 1913

April 7, 1913—SE BRYANT AND SW
Zoe SW 125XSE 160. Shreve & Co
to The Paraffine Paint Co., Mar. 28, '13

April 7, 1913—NW GOLDEN GATE
Ave and Jones N 137-6XW 137-6. W
H Taylor Co to Central Elec Plumb-
ing & Heating Co, April 4; Klernan
& O'Brien Inc, April 4; Connell &
La Rue.....April 4, 1913

April 7, 1913—NW GREEN & HAMLIN
25X66. Hansen & Jacobsen to C W
Hansen.....April 5, 1913

April 7, 1913—E MONTGOMERY 51 N
Washington 26-1½X62. G Cuneco &
L Mastropasqua to J Del Tavoro.....
.....April 5, 1913

April 7, 1913—SE MARKET 100-0½
NE Seventh NE 50-0½XSE 165. J D
Phelan to C C Morehouse, Mar. 28, '13

April 7, 1913—S BAY 126-3 W Taylor
W 80X8 137-6. California Mills Co
to G Trevia and G Pasqualetti.....
.....April 1, 1913

April 7, 1913—W SEVENTH AVE 50
N Irving N 25XW 95. Eugene B
Hallett to whom it may concern
.....April 4, 1913

April 8, 1913—FILLMORE NO. 1415,
bet Ellis & O'Farrell. Joe Schoong
Co, lessee to R A Crothers, Apr. 4, '13

April 8, 1913—W TEXAS 160 N 18th
N 25XW 100. Thomas and Mary
Corridan to Frank Bonaccorso.....
.....April 5, 1913

April 8, 1913—W TWENTY-FIRST
Ave 200 S Clement S 25XW 120.
Jeanette Yates to whom it may
concern.....April 7, 1913

April 8, 1913—SANCHEZ NO. 1493.
Catherin McCarthy to E Helms.....
.....April 5, 1913

April 8, 1913—S HOWARD 125 E 2nd
E 50X8 165. Thomas Crellin Estate
Co to Sibley Grading & Teaming
Co, March 31; Thos H Day's Sons,
.....March 31, 1913

April 8, 1913—S BUSH 82-6 W Powell
S parallel to Powell 137-6XW par-
allel with Bush 27-6. I B Mouser to
Bishop & Duarte.....April 3, 1913

April 8, 1913—SE UNION & LEAVEN-
worth S 24XE 87-6. Catherine M
Fugazi to Giuseppe Cavaglieri, E C
Curtis & Otto Norwalk.....April 7, 1913

April 8, 1913—W FILLMORE 30 N
Lombard N 30XW 110. N Cervelli
to V Pera.....April 8, 1913

April 9, 1913—N JACKSON 200 W
Taylor W 50XN 137-6. Martin S
Slow to whom it may concern.....
.....April 8, 1913

April 9, 1913—N SEVENTEENTH 210
W Guerrero W 25 N 152-3½ NE
25-6 to a pt 157-4 N 17th S 157-4.
Carolina T Blaettler to John Casty
.....April 5, 1913

April 10, 1913—SE MISSION 223 SW
Fourth SW 52XSE 160. Rose W
Walter, and Alfred W Norwell trs
Est O W Nordwell dec'd and Rose
Nordwell to Chas Wright, April 10, '13

April 10, 1913—NW JONES & O'FAIR-
rell N 43 W 75 N 22 W 62-6 S 65 E
137-6. Alice Pease to G P W Jen-
sen.....April 10, 1913

April 10, 1913—W WEBSTER 75 N
Sutter N 66-8XW 100. Mathilde
Proppe to Wm Holbro, Mar. 31, 1913

April 11, 1913—SW SIXTH 72 NW
Howard NW 48 SW 75 NW 45 SW 50
SE 75 NW 50 SE 18 NE 75. R D
McElroy to Mediowan & Butler.....
.....April 10, 1913

April 11, 1913—SE MARKET 100-0½
NE 7th NE 50-0½, SE 165 SW 50-0½
NW 165. J D Phelan to Fibrestone
& Roofing Co.....April 5, 1913

April 11, 1913—N TWENTY-SECOND
50 E Chalmers to Wm J Turner to Stephen-
son & Barry.....April 5, 1913

April 11, 1913—LOT 9 BLK "X" Park
Lane Tract No. 3. James M Mc-

George to 11 Logan... April 11, 1913
 April 11, 1913—NE VAN NESS AND
 Fern Aves N 26-18E 58-10. Grant-
 Land B Voorhies to Fidelity Con-
 struction Co.....April 10, 1913
 April 11, 1913—NW EUCLID AND
 Parker Aves W 72-6XN 100. Fred
 L Helmer to whom it may concern
April 4, 1913
 April 11, 1913—SW GREENWICH &
 Leavenworth W 171-104X8 137-6.
 Greenwich Terrace Householders'
 Ass'n to Kiernan & O'Brien.....
April 5, 1913

LIENS FILED.

San Francisco.

April 5, 1913—SW PINE & LAGUNA
 W 87-6X8 25. Andrew M Christen-
 sen vs R A Crothers and George
 Burich\$172
 April 8, 1913—E JONES 87-6 S Ellis
 50X82-6. J S Guerlin & Co vs Bern-
 ard Altube, G Trevia, G B Pas-
 qualetti and M J Terranova...\$538.25
 April 8, 1913—W VAN NESS AVE 115
 N Pine N 40 W 133 S 40 E 15 along
 alley E 118. Loop Lumber Co vs
 Northern Constr Co and Mutual
 Land & Investment Co.....\$50
 April 11, 1913—E PETERS AV (which
 E line is fixed as follows: SW Fair
 Ave 1490 E Mission SW parallel
 with Mission 178) dist 78 SW Fair
 Ave SW 100XSE 73-6. J H Kruse vs
 J C Stromswoold.....\$2317.50
 April 11, 1913—SE MARKET 150-14
 NE 7th SE 165-1XNE 75. Cunning-
 ham & Politeo, \$1531.25; Frank
 Klimm, \$2238.50 vs Boston and S F
 Amusement Co
 April 11, 1913—E JONES 87-6 S Ellis
 S 50XE 82-6. Robert Balzke vs
 Bernard Altube and M J Terranova
\$499.25

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and
 base, frame, \$15,000. Alameda, Alameda Co., Cal. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The building will be erected on a lot with two street frontages. Only preliminary plans have been prepared and details of the construction are not available. The interior will be arranged for two and three room suites. The exterior will probably be faced with cement plaster. Complete details will be given as the plans progress.

APARTMENT HOUSE—4 story and base, brick and steel, \$67,000. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, Dr. R. B. Ayres. The building will be erected at the corner of 14th and Oak streets, and will contain a large number of two and three room suites equipped with all modern conveniences. Interior will be finished in pine and hardwoods. Plans provide for steam heat, vacuum cleaning system and elevator service. Bath rooms will have cement floors and tile wainscot. All suites will have private bath rooms and will be equipped with wall beds. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$30,000. Oakland, Cal.

Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, Mrs. Wilhemena Street The upper two floors of the building will be arranged for sixteen suites of two and three rooms each with private baths and wall beds. The first floor will contain two modern stores. Interior finish will be of pine and some hardwood. Bath rooms will have tile floors and the baths and kitchens will be wainscoted with Keene's cement. There will be a central heating system. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—5 story and base, brick, \$100,000. Berkeley, Alameda Co., Cal. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected at the corner of Telegraph avenue and Durant Way, and will cover an area of 90x100 feet. Plans show a total of 100 guest rooms, which are arranged in suites of two and three rooms each with bath. Interior will be finished in pine and hardwoods. Bath rooms will have tile floors and wainscot. A unique feature of the building will be open air sleeping porches in connection with all apartments. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

BANK AND OFFICES—11 story and base. Class A construction. Cost not stated. Oakland, Cal. Architects, L. B. Dutton & Co., Chronicle Bldg., S. F. Owners, First Trust and Savings Bank. The building is to be erected at the southeast corner of 16th and San Pablo and will cover a large ground area. The entire first floor and a large portion of the basement will be occupied by the bank. Construction will be fire-proof throughout with a complete steel frame, exterior walls of brick faced with pressed brick and terra cotta. Interior partitions will be of hollow tile, floors of concrete. Metal trim and tile and marble wainscot will be used. There will be steam heat, elevator service, mail chutes, a vacuum cleaning system and hot water system. Interior of the bank will be finished in tile, marble, ornamental plaster and bronze. Special bank fixtures, coin and safe deposit vaults will be installed. A contract has been awarded to the Pacific Rolling Mills for the structural steel work at \$35,844. A general contract for the balance of the work will be let. Working drawings are nearly complete and bids will be called for on the general contract within a week or ten days.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Miss Lindel Hoskins. The dwelling will be erected in North Crummont and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and some hardwood. Oak floors will be used in several of the principal rooms. There will be furnace heat and open fire places. Tile will be used in the bath room and kitchen. There will be an automatic water heater. The exterior of the dwelling will be covered with shingles and shakes. Open fire places and brick mantel will be used in the living

room. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$20,000. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner's name withheld. The dwelling will be erected in Claremont and has been designed for one of the most handsome dwellings in that tract. Plans provide for in the neighborhood of twelve rooms, several baths and sleeping porches. A garage will also be erected on the property. Interior finish will be of pine and hardwood. Hardwood and tile floors will be used throughout. There will be hot water heating system, open fire places and automatic water heaters. Baths will be finished in tile. The exterior of the dwelling will be faced with cement plaster on metal lath. Plans are being prepared and further information will be given when plans are out for figures.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, P. Lindeblad, 3822 Randolph Ave., Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be largely of pine. Hardwood floors will be used in the living and dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. There will be an automatic water heater. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, C. E. Miller. This work has been mentioned here before when plans were first prepared. Bids are now being taken on the work and a contract will be let within a few days. The house will contain seven rooms and bath. Interior finish will be of pine and some hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. The exterior will be covered with cement plaster on metal lath. Bids are now being taken by the architect.

BUNGALOW—1 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architects, Newsum & Dixon, 812 Broadway, Oakland. Owner, Mr. Lundhelm. The bungalow will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms. Tile will be used in the bath room and kitchen. There will be an open fire place with the tile or brick mantel in the living room. The exterior of the building will be covered with cement plaster. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, E. J. Grebs, 1801 Francisco St., Berkeley. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire

places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,500. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Gasman. The dwelling will be erected in Northbrae, and has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile. The exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$3,200. Oakland, Cal. Architect, none. Owner, H. L. Wood, 2300 Seminary Ave., Oakland. The house will contain seven rooms, bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated, Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, R. H. Naddan. The dwelling is to be erected in Berkeley Square, and will contain seven rooms, bath and sleeping porch. All interior finish will be of pine or hardwood. Oak floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

GARAGE—1 story, brick. Cost not stated. Oakland, Cal. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owners, Girard Investment Co. The building is to be erected at the corner of Broadway and Orchard street, and is designed for a commercial garage and sales rooms. Interior of the sales rooms will be handsomely finished in pine and hardwoods and tile. There will be large display windows and patent store fronts. The exterior of the building will be faced with cement plaster. Plans are being prepared.

APARTMENT HOUSE—2 story and base, frame, \$12,000. Oakland, Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owners, Davis Estate. The building will be erected on Hudson street, and has been designed to contain 24 apartments of two rooms each with bath. Interior will be finished in pine and redwood. A central heating system will be installed. All suites will have wall beds. Tile will be used in the bath rooms. The exterior of the building will be covered with brick veneer and rustic. Plans are being prepared.

FLAT—1 story and base, frame, \$2,000. Oakland, Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Hume. The building will contain one flat of five rooms. Interior will be finished in pine throughout. Hardwood floors are specified in two of the rooms. Tile will be used in the bath room and kitchen. Exterior of the building will be covered with rustic. There will be an open fire place and brick mantel. Plans are being prepared.

RESIDENCES—3, 2 story and base, frame, \$3,500 each. Berkeley, Alameda Co., Cal. Architects, Patrick-Nelson Co., 2035 Addison St., Berkeley. Owners, Newell-Murdoch Co. These houses will be erected on the Thousand Oaks Tract and each will be designed to contain seven rooms and bath. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster. Plans are complete and the work will be done by Day Labor. Patrick-Nelson Co. will superintend all construction.

SORORITY HOUSE—2 story and base, frame, \$9,000. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514 Hillegass Ave., Berkeley. Owners, Alpha Phi Sorority. The interior of the building will be arranged for a large social room, library, dining room and kitchen. There will also be a number of sleeping rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms, which will be equipped with showers as well as tubs. The exterior of the building will be covered with shingles and cement plaster on metal lath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Waterhouse Estate Co. The dwelling will contain seven rooms and bath. Interior finish will be of pine with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room. The exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

AUDITORIUM—3 story and base, Class A construction, \$500,000. Oakland, Cal. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This building has been mentioned here before. Plans for the structural steel work are complete and an advertisement calling for bids on this portion of the work appears in another column of this issue. Bids will be opened on April 24th. Plans and specifications can be secured from the architect.

CONVENT—2 story and base, frame, \$35,000. Berkeley, Alameda Co., Cal. Architect, John J. Foley, 16 Kearny St., S. F. Owners, St. Joseph's Convent. The building, which is to be erected on the grounds now occupied by the institution, will cover an area of 100x90

feet. There will be a large music room, study halls, art room, dining room and dormitories. Plans include steam heat and a hot and cold water supply. Interior will be finished in pine throughout. The exterior of the building will be covered with shiplap, sanded. Plans are being prepared.

SCHOOL—2 and 3 story and base, reinforced concrete. Cost not stated. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. The following firms in addition to the list published previously in these reports have applied for plans for the work on the Commercial High School in Oakland. Bids are to be opened on April 21st. Lewis Hicks, Williams Bros. & Henderson, Van Sant-Houghton Co., Thurston & Co., Lange & Bergstrom, McLeran & Peterson, Frederick Amweg, C. Christensen, Wold & Kohn.

STORES—1 story, frame. Cost not stated. Alameda, Alameda Co., Cal. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name not given. The building will contain eight stores, each of 20 feet frontage and a depth of 34 feet. Interiors will be finished in pine. There will be plate glass display windows. The rear of the building will be fitted up for living rooms. Plans are being prepared and figures will be called for shortly.

OAKLAND'S BUILDING RECORD.

Summary of Building Permits Applied for at the Bureau of Permits and Licenses, Oakland, Cal., For the Month of March, 1913.

Classifications of Bldgs.	No. of Permits Issued	Cost
1-st dwellings.....	122	\$244,089.00
1-st dwlgs with stores..	2	4,800.00
1½-st dwellings.....	18	44,554.00
2-st dwellings.....	26	88,354.00
2-st dwlgs with stores..	1	1,600.00
2-st flats.....	4	18,100.00
2-st flats with stores..	1	4,500.00
2-st apartments.....	1	10,000.00
3-st apartments.....	7	121,570.00
5-st brick apartments..	1	50,000.00
7-st brick hotel.....	1	55,000.00
1-st stores.....	3	4,400.00
3-st brick school bldg..	1	66,468.00
Reinforced con school..	1	48,800.00
1-st office buildings... 2		1,575.00
Cor. iron work shop....	1	250.00
Brick store room.....	1	60.00
Cor. iron garages.....	2	550.00
Steel frame and concrete meter house..	1	6,960.00
Steel frame and concrete pump house	1	2,293.00
Nickelodeon.....	1	2,200.00
Steel frame and concrete office&machine shop.....	1	15,000.00
Freight office.....	1	2,000.00
Factory.....	1	700.00
Warehouses.....	1	1,600.00
Green houses.....	3	750.00
Work shops, tank frames and barns....	16	3,573.00
Garages, sheds and stables.....	19	6,795.00
Racing coaster (Concession, Idora Park)	1	20,000.00
Alterations, additions and repairs.....	166	110,481.20
Total.....	407	\$917,022.20
TOTAL NUMBER OF PERMITS AND TOTAL COST.		
New construction.....	241	\$806,541.00

Alteration.....	additions	
and repairs.....	166	119,481.30
Total	407	\$317,022.30

Building Contracts Awarded Oakland.

1032	Todd	Chase	3000
1033	Lindeblad	Lindeblad	2500
1093	Wicks	Griffin	2900
1098	Greenhood	Schraeder	5356
1099	Hansen	Laughland	6925
1102	Brown	Moffett	1500
1103	Shattuck	Shattuck	500
1104	Lim Ben	Enos	1600
1105	Pitkin	Woods	500
1106	Alencaster	Brown	1550
1110	White	Ostern	400
1111	White	Ostern	400
1112	Paisley	Paisley	400
1113	Umphred	Stewart	1450
1111	Compass	Wilde	1000
1115	Schenk	Swenson	400
1116	1st T & S Bk.	Pac Rolling	35844
1117	Hall	Swalley	932
1118	Wood	Wood	3200
1119	McMillan	Legault	1800
1120	Davalle	Bradhoff	3000
1121	Ey	Frankford	2000
1122	Dalton	Thorp	2800
1125	Eiferle	Stahl	1500
1128	Henry	Thomson	400
1129	Pvtly Pyth Hall	Gutleben	500
1130	Miller	Whitmore	450
1131	Phillips	Rose	1000
1132	Briggs	Atkinson	450
1135	St. Mary	St. Mary	2000
1136	Austin	Goldman	3000
1137	Tiezons	Hughes	3000
1138	Merson	MacGregor	400
1139	Wurts	Cook	1000
1140	Collins	Collins	2500
1141	Sorrick	Penke	1400
1143	Legris	Legris	2200
1144	Leoris	Legris	2200
1145	McArthur	Owner	2500
1146	McCloy	McCloy	2500
1149	Mentour	Nail	3000
1150	D'Askquith	Sullivan	2816
1151	Joseph	Joseph	550
1152	Leonard	Benassini	450
1153	Silva	Webb	450
1154	Dalziel	Hickse	137260

(1092) W DOUGLAS 110 W 79th Ave., Oakland. One-story 6-room dwlg. Owner.....Fuller Todd & Co., 7920 E-14th, Oakland.
Architect...None.
Contractor...A. B. Chase, 5310 Dover, Oakland.
COST, \$3000

(1093) E EVERET AVE 27 S Vista, Oakland. Two-story 6-room dwlg. Owner.....P. Lindeblad, 3522 Randolph Ave., Oakland.
Architect...None.
Day's work.....COST, \$3500

(1095) NO. 721 MADISON, Oakland. After dwelling to flats. Owner.....H. Wicks, 579 27th, Okd
Architect...None.
Contractor...C. M. Griffin, 746 5th Ave., Oakland.
COST, \$2900

(1098) NW MONTE AVE AND PARK Way N along Monte Ave 50xW 125, Piedmont. All work for two-story and barement frame dwelling. Owner.....Edward J. Greenhood, 3301 Telegraph Ave., Oakland.
Architect...Joseph Cahen, 45 Kearny, San Francisco.
Contractor...W. F. Schroeder.
Filed April 7, '13. Dated April 5, '13
Frame up \$1346
Brown coated 1350
Completed and accepted and notice filed 1350
Usual 35 days 1350
TOTAL COST, \$5396
Bond, \$2700. Surety, U. S. Fidelity & Guaranty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1099) SE EIGHTH AND WEBSTER S along Webster 125 E 75 N 25 E 25 N 100 W to pt of beg, Oakland. Repair alter and add to two-story frame bldg Owner.....Hansen & Kohler Realty Company.
Architect...Chas. Mau, Macdonough Bldg., Oakland.
Contractor...John Laughland, 2363 Broadway, Oakland.
Filed April 7, '13. Dated April 7, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6925

Bond, \$3163. Sureties, E. N. Walter and Wm. Laughland. Limit, 60 days. Forfeit, none. Plans and specifications filed

(1102) NO. 3763 SHAFER AVE., Oakland. Alterations and additions. Owner.....Mrs. M. E. Brown, Prem.
Architect...None.
Contractor...L. B. Moffett, 5259 Manila Ave., Oakland.
COST, \$1500

(1103) NO. 1627 E-TWENTY-FIRST, Oakland. Addition. Owner.....O. W. Shattuck, Premises.
Architect...None.
Day's work.....COST, \$500

(1104) S SIXTY-FIRST 240 W Grove, Oakland. Two-story 5-room laundry. Owner.....Lim Ben, 601 20th, Okd.
Architect...None.
Contractor...Antonio Enos, 1834 E-16th, Oakland.
COST, \$1600

(1105) NO. 1619 EIGHTY-EIGHTH Ave., Oakland. Addition. Owner.....Robt. Pitkin, Premises.
Architect...None.
Contractor...A. E. Woods, 1709 89th Ave., Oakland.
COST, \$500

(1106) N E-TENTH, bet 7th and 8th Aves., Oakland. One-story five-room dwelling. Owner.....A. J. Alencaster, 928 E-10th, Oakland.
Architect...None.
Contractor...M. Brown, 1922 E-14th, Okd.
COST, \$1550

(1110) S NINETEENTH 120 W Cypress, Oakland. Tank frame. Owner.....H. S. White, 931 Filbert, Oakland.
Architect...None.
Contractor...F. E. Ostern, 1340 Linden, Oakland.
COST, \$400

(1111) NOS. 1815-17-19 CYPRESS, Oakland. Alterations. Owner.....H. S. White, 931 Filbert, Oakland.
Architect...None.
Contractor...F. E. Ostern, 1304 Linden, Oakland.
COST, \$400

(1112) NW NICOL AND PLEITNER Ave., Oakland. One-story 4-room dwelling. Owner.....A. J. Paisley, 3148 Nicol Ave., Oakland.
Architect...None.
Day's work.....COST, \$400

(1113) N ELCELSIOR 200 E Lake Shore, Oakland. One and one-half-story 6-room dwelling. Owner.....Allan L. Umphred, 28th & Telegraph Ave., Oakland.
Architect...None.
Contractor...B. A. Stewart, 616 41st, Oakland.
COST, \$4550

(1114) NO. 389 TWELFTH, Oakland. Alterations. Owner.....The Compass Cafe, Prem.
Architect...None.
Contractor...W. Wilde.
COST, \$1000

(1115) NO. 1209 WILLOW, Oakland. Addition. Owner.....Miss Eugenie Schenk, 1610 Oxford, Berkeley.
Architect...None.
Contractor...P. A. Swensen.
COST, \$400

(1116) SE SAN PABLO AVE & 16TH, Oakland. Structural steel and cast iron and erection work for steel, brick and concrete building. Owner.....First Trust & Savings Bank, Oakland.
Architect...L. B. Dutton Co., Chronicle Bldg., San Francisco.
Contractor...Pacific Rolling Mill Co., Sharon Bldg., S. F.
Filed April 8, '13. Dated Mar. 31, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$35,844

Bond, \$17,922. Surety, Pacific Coast Casualty Co. Limit, Sept. 30. Forfeit, \$100. Plans and specifications filed for steel work.

(1117) N WALA VISTA AVE 40.84 E Arimo Ave frontage 75 being ptn Lots 5 and 6 Blk, East Piedmont, Oakland. All work for two-story and basement dwelling and garage. Owner.....E. M. Hall, Oakland.
Architect...None.
Contractor...H. M. Swalley, 5442 Shafter Ave., Oakland.

Filed April 8, '13. Dated April 7, '13.
Sides and roof sheathed..... \$2340
1st coat plaster on..... 2340
Interior finish ready for paint.. 2340
Completed and accepted..... 2342
TOTAL COST, \$9362
Bond, none. Limit, 110 days. Forfeit, none. Plans and specifications filed.

(1118) NE EVERETT AVE 420 SE 13th Ave., Oakland. Two-story 8-room dwelling. Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.
Architect...None.
Day's work.....COST, \$3200

(1119) N CENTRAL AVE 798½ E Park E 30.50 N 100.27 W 26.81 S 100, Okd. All work for one-story 5-room dwlg. Owner.....P. D. McMillan, 724 26th, Oakland.
Architect...None.
Contractor...Oliver Legault, 3136 West, Oakland.

Filed April 9, '13. Dated April 9, '13.
Frame up ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$1800
Bond, none. Limit, 70 days. Forfeit, \$1. Plans and specifications filed.

(1120) W CASTRO 63 N 7th, Oakland. After dwelling into flats. Owner.....Albert Davalle.
Architect...None.
Contractor...C. O. Bradhoff, 5502 Market, Oakland.
COST, \$3000

(1121) S THIRTY-NINTH 189½ E West, Oakland. One and one-half-story 6-room dwelling.

- Owner.....H. E. Ey, 4016 Peralta Ave.
Oakland.
Architect...None.
Contractor...Ben Frankford, 3817 Grove
Oakland. COST, \$2000
- (1122) W IRVING AVE 299 N Talcott
Ave., Oakland. Two-story 9-room
dwelling.
Owner.....Herbert L. Dalton, 2420 E
21st, Oakland.
Architect...None.
Contractor...Thorpe & Asmussen, Hay-
ward. COST, \$2800
- (1125) E CROSBY 200 S Helen, Oak-
land. One-story 4-room dwelling.
Owner.....Louisa Eiferle, 3016 Boule-
vard, Oakland
Architect...None.
Contractor...Chas. Stahl, 1534 Park,
Oakland. COST, \$1500
- (1128) NOS. 424-428 NINTH, Oakland.
Fire repairs.
Owner.....A. C. Henry Co., 1439 Har-
rison, Oakland.
Architect...None.
Contractor...Allen Thomson, 2766 Grove,
Oakland COST, \$400
- (1129) FRUITVALE AVE & E-14TH,
Oakland. Addition.
Owner.....Fruitvale Pythian Hall As-
sociation, 3306 E-14th, Okd.
Architect...None.
Contractor...Gutleben Bros., 907 Mo-
nadnock Bldg., S. F.
COST, \$500
- (1130) NO 1209 COUNTY ROAD, Oak-
land. Concrete store room.
Owner.....Mrs. J. Miller.
Architect...None.
Contractor...W. N. Whitmore, 331 E-17th
Oakland. COST, \$450
- (1131) NO 1713 THIRTEENTH AVE.,
Oakland. Alterations and additions.
Owner.....Frank Phillips, Premises.
Architect...None.
Contractor...A. H. Rose & Co., 545 17th
Oakland COST, \$1000
- (1132) S VIRGINIA AVE 300 E 62nd
Ave., Oakland. Addition.
Owner.....Jas. Briggs.
Architect...None.
Contractor...W. J. Atkinson, 3906
Michell Ave., Oakland.
COST, \$450
- (1135) S LYON AVE 400 E Lelse Ave.,
Oakland. One-story 5-room dwlg
Owner.....Joe St. Mary, 2203 92nd
Ave., Oakland.
Architect...None.
Day's work. COST, \$2000
- (1136) SE ELEVENTH AND JEFFER-
son 50x70, Oakland. All work for
three-story reinforced concrete build-
ing (6 apartments and 4 stores.)
Owner.....Geo. W. Austin, 1422
Broadway, Oakland.
Architect...Hladik & Thayer, Monad-
nock Bldg., S. F.
Contractor...J. Goldman, 1330 Buchanan
San Francisco.
Filed April 10, '13. Dated Mar. 20, '13.
As work progresses..... 75%
Usual 25 days..... 25%
TOTAL COST, \$30,600
Bond, none. Limit, 150 days. Forfeit,
as fixed and liquidated damages. Plans
and specifications filed.
- (1137) NO. 1085 SIXTIETH, Oakland.
Addition.
Owner.....Agnes Tlezens, Premises.
Architect...None.
Contractor...De Hughes, 845 Main, Okd.
COST, \$400
- (1138) NO. 2059 FRANKLIN, Oakland.
Fire repair.
Owner.....J. Mlerson, Premises.
Architect...None.
Contractor...C. M. MacGregor, 470 13th,
Oakland. COST, \$400
- (1139) N E-THIRTY-THIRD 150 E
14th Ave., Oakland. One-story four-
room dwelling.
Owner.....M. L. Wurts, Commercial
Bldg., Oakland.
Architect...None.
Contractor...L. T. Cook, 543 36th, Okd.
COST, \$1000
- (1140) NE WELLINGTON & EVANS,
Oakland. One and one-half-story 6-
room dwelling.
Owner.....Collins Bros, 825 57th, Okd.
Architect...None.
Day's work. COST, \$2500
- (1142) S FORTY-FOURTH 490 E Grove
Oakland. One-story 5-room dwlg.
Owner.....L. H. Legris, 612 44th, Okd
Architect...None.
Day's work. COST, \$2200
- (1143) S FORTY-FOURTH 490 E Grove
Oakland. One-story 5-room dwlg.
Owner.....L. H. Legris, 612 44th, Okd
Architect...None.
Day's work. COST, \$2200
- (1144) S FORTY-FOURTH 450 E Grove
Oakland. One-story 5-room dwlg.
Owner.....L. H. Legris, 612 44th, Okd
Architect...None.
Day's work. COST, \$2200
- (1145) N FORTY-FOURTH 100 W
Webster, Oakland. One-story 6-room
dwelling.
Owner.....Chas. McArthur, 292 51st,
Oakland.
Architect...None.
Day's work. COST, \$2500
- (1146) N THIRTY-FIFTH 200 E West,
Oakland. One-story 6-room dwlg.
Owner.....H. McCloy, 623 33rd, Okd.
Architect...None.
Day's work. COST, \$2500
- (1149) N FIFTY-FIFTH 151 E Grove
E 40xN 111, Oakland. All work for
two-story frame flat building.
Owner.....Laura Montour, Oakland.
Architect...None.
Contractor...Geo. C. Nall, 912 41st, Okd.
Filed April 11, '13. Dated April 9, '13.
Frame up 1/4
Ready for plaster..... 1/4
Plastering and outside work com-
pleted 1/4
Completed 1/4
TOTAL COST, \$3000
Bond, none. Limit, 75 days after April
20. Forfeit, none. Specifications only
filed.
- (1150) LOT 10 BLK 2 Map McKee Tet
in Plot No. 46 V & D Peralta Rancho,
Oakland. All work for two one-story
five-room dwellings.
Owner.....E. D'Askquith, 5866 Occiden-
tal St., Oakland.
Architect...None.
Contractor...H. E. Sullivan, 6441 Har-
- mon Court, Oakland
Filed April 11, '13. Dated April 9, '13.
Frame up 1/4
Brown coated 1/4
Completed 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2816
Bond, \$1408. Surety, American Surety
Co. Limit, 70 days. Forfeit, none.
Plans and specifications filed.
- (1151) NO. 2009 E-TWENTY-SIXTH,
Oakland. Addition.
Owner.....M. Joseph, Premises.
Architect...None.
Day's work COST, \$550
- (1152) S FORTY-THIRD 200 W West,
Oakland. One-story 3-room dwlg.
Owner.....Peter Leonardi, 327 43rd,
Oakland.
Architect...None.
Contractor...Flo Benassini, 3877 Shafter
Ave., Oakland. COST, \$450
- (1153) NO. 1453 FORTY-EIGHTH
Ave., Oakland. Alterations.
Owner.....A. G. Silva, Premises.
Architect...None.
Contractor...G. A. Webb, 1919 San
Pablo Ave., Oakland. COST, \$450
- (1154) N FIFTEENTH 60 E Clay E
120 N 93 1/2 NW 14 ft. 1.7 in. W 110 S
103 1/2, Oakland. Excavation, bulk-
heading, pumping, wood forms, con-
crete work, cement floors and side-
walk, sidewalk lights and doors, car-
pentry and mill work, stairs, rough
hardware, brick, masonry, terra cotta
cut stone, metal lat, plastering and
cementing, dampproofing, glass and
glazing, ornamental metal work,
elevators, marble and tile, roofing,
painting and tinting for six-story and
basement reinforced concrete office
building.
Owner.....Robert Dalziel Co., 218 1st,
San Francisco.
Architect...Milwain Bros., Delger
Bldg., Oakland.
Contractor...Lewis A. Hicks Co., Rialto
Bldg., San Francisco.
Filed April 12, '13 Dated April 12 '13.
15th of each month..... 75%
Usual 35 days after notice of com-
pletion and acceptance filed.... 25%
TOTAL COST, \$137,260
Bond, \$68,630. Surety, Pacific Coast
Casualty Co. Limit, 150 days. Forfeit,
\$50. Plans and specifications filed.

Building Contracts Awarded. Berkeley.

7094 West Co Kalsomlin Owner	2500
1096 Umhalt .....Schmidt	2000
1097 Persons .....Hoyt	3500
1100 Howard .....Heyer	4600
1101 Hughson .....Donnell	1500
1123 Palmer .....Palmer	3500
1124 Dull .....Tevdahl	5500
1126 Roof .....Ollis	500
1127 Kocher .....Kocher	400
1133 Green .....Lorenzen	2000
1134 Peake .....Peake	2500
1142 Legris .....Legris	2200
1147 Peake .....Pinkerton	1450

(1994) S GRAYSON 600 W Fifth, Ber-
keley. Three-story factory.
Owner.....West Coast Kalsomine Co.,
Premises.
Architect...None.
Day's work. COST, \$2500

(1096) S WARD 125 W California, Ber-
keley. One-story 5-room dwlg.

Owner...Julius Umbalt, 255 Henry, San Francisco.
 Architect...L. Boehm, Hewes Bldg., San Francisco.
 Contractor...Carl Schmitt, 1614 Ward, Berkeley. COST, \$2000

(1097) W ARCH 135 N Virginia, Berkeley. Two-story 6-room dwlg.
 Owner.....P. S. and B. S. Persons, 1618 Arch, Berkeley.
 Architect...F. M May, 2145 Center, Berkeley
 Contractor...Jas. Scott, 2401 Hillgard, Berkeley. COST, \$3500

(1100) LOT 7 PARK SIDE, CLAREMONT, Berkeley. All work for two-story and basement frame dwlg.
 Owner.....H. M. Howard, 3048 Benvenue Ave., Berkeley.
 Architect...Sidney B. Newsom, Nevada Bank Bldg., San Francisco
 Contractor...Anthony & Heyer.
 Filed April 7, '13. Dated Mar. 29, '13.
 Frame up\$1000
 Brown coated 1000
 Completed and accepted..... 1000
 Usual 85 days..... 1060
 TOTAL COST, \$4060
 Bond, \$2050. Sureties, M. C. Anthony and C. W. Heyer. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1101) W BAKER 240 N Oregon, Berkeley. One-story 5-room dwelling.
 Owner.....Hughson & Donnelly, 1608 Stuart, Berkeley.
 Architect...None.
 Day's work. COST, \$1500

(1123) W MARIPOSA 300 S Los Angeles, Berkeley. Two-story 9-room dwelling.
 Owner.....Mabel E. Palmer, 2000 Durant Ave., Berkeley.
 Architect...None.
 Contractor...A. J. Palmer, 2000 Durant Ave., Berkeley. COST, \$3500

(1124) BERELEY. All work for two story frame store and flats.
 Owner.....C. O. Dull, 2219 Woolsey, Berkeley.
 Architect...Wm. C. Helms, 1634 Felton Berkeley.
 Contractor...C. Texdahl, 2035 Harper, Berkeley.
 Filed April 9, '13. Dated April 7, '13.
 Frame up\$1390
 Roof on, rougs plumbing in and 1st coat plaster on..... 1390
 Completed and accepted..... 1390
 Usual 35 days..... 1390
 TOTAL COST, \$5560
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1126) N ASHBY 150 W Piedmont, Berkeley, Alterations.
 Owner.....Mr. Roof.
 Architect...None.
 Contractor...Chas B Ollis. COST, \$500

(1127) S DELAWARE 150.2 E Curtis, Berkeley. One-story 3-room dwlg.
 Owner.....Wesley H. Kocher, 906 Bristol, Berkeley.
 Architect...None.
 Day's work. COST, \$400

(1133) SE SEVENTH AND GRAYSON, Berkeley One-story 4-room store and dwelling.
 Owner.....Miss Green, Premises.
 Architect...None.

Contractor...F. N. Lorenzen, 6145 Fremont, Berkeley.

COST, \$2000

(1131) W GROVE 190 N Berryman, Berkeley. One-story 5-room dwlg.
 Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
 Architect...None.
 Day's work. COST, \$2500

(1141) N VIRGINIA 33½ W Eighth, Berkeley. One-story 5-room dwlg.
 Owner.....L. Sorrick, 2127 University Ave., Berkeley.
 Architect...None.
 Contractor...F. R. Peake Co., 2127 University Ave., Berkeley. COST, \$1400

(1147) W SACRAMENTO 100 N Bancroft, Berkeley. One-story 5-room dwelling.
 Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
 Architect...None.
 Contractor...J. A. Pinkerton, 1931 Berryman, Berkeley. COST, \$1450

Building Contracts Awarded

Alameda.

1107 PondMacGregor 1800
 1108 PondMacGregor 1800
 1109 PondMacGregor 1800
 1148 NeudeckSorensen 2725
 (1107) NO. 1546 FOURTH, Alameda.
 One-story dwelling.
 Owner.....C. P. Pond, 1210 Grand, Ala
 Architect...None.
 Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1800

(1108) NO. 1550 FOURTH, Alameda.
 One-story dwelling.
 Owner.....C. P. Pond, 1210 Grand, Ala
 Architect...None.
 Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1800

(1109) NO. 1554 FOURTH, Alameda.
 One-story dwelling.
 Owner.....C. P. Pond, 1210 Grand, Ala
 Architect...None.
 Contractor...C. M. MacGregor, 470 13th, Oakland. COST, \$1800

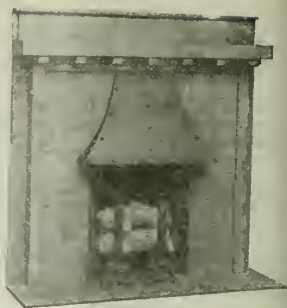
(1148) LOT 30 BLK "A" Map Bay Park Tract, Alameda. All work for one-story dwelling.
 Owner.....George W. Neudeck, Hayward.
 Architect...None.
 Contractor...Sorensen Bros., Hayward.
 Filed April 11, '13. Dated April 10, '13.
 Frame completed, roof sheathed.....\$651
 1st coat plaster on interior and exterior and exterior mill work placed, rough plumbing and electric work in place..... 651
 Completed and accepted..... 651
 Usual 35 days..... 682
 TOTAL COST, \$2725
 Bond, limit, forfeit, none. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

April 11, 1913.—LOT 15 BLK 12 Map Northbrae, Bkly. J H Spring as to improvements on leased property.

SCHOOL SITE SELECTED.

ELY (Nev.), April 9.—After heated discussion the Trustees of the High School have selected a site between Ely and East Ely. The building will cost \$50,000.



Pacific Mantel and Tile Co.

F. W. CRINNION, Manager

Mantels, Grates and Tiles. Fire Sets, Andirons

Portable Baskets and Grates, Floor and

Wall Tiling in Original Designs.

1727 TELEGRAPH AVE.

OAKLAND, CAL.

Phone Oakland 121

Residence Phone Oakland 8622

Completion Notices.

Alameda.

April 1, 1913.—E 50 LOTS 1 AND 2 Blk 24 Daley's Scenic Park, Bkly. Bessie Gallagher to Wm LivingstonApril 1, 1913
 April 1, 1913.—PTN PLOT 73 Vicente and Domingo Peralta Rancho and ptn Lot "O" Map Eucalyptus Hill, Okd Claremont Home Bldg & Realty Co to whom it may concern.....Mar. 31, 1913
 April 1, 1913.—E 50 LOTS 11 AND 12 Blk 24 Daley's Scenic Park, Bkly. Bessie Gallagher to Wm LivingstonApril 1, 1913
 April 1, 1913.—E CALIFORNIA 45 N Ashby Ave N 45xE 100, Bkly. Wm T Hale to Frank A Ernberger and Verne Dildine.....Mar. 31, 1913
 April 2, 1913.—S E-THIRTY-FIRST 99 ft. 11 in. E-14th Ave th SW 35 to pt of beg SW 33 W 109 1-3 NE 33 SE 104 ft. 7½ in. Okd. C E Charleston to whom it may concern.....April 2, 1913
 April 2, 1913.—LOTS 1 AND 2, Oak Park Tract, Okd. Magnus Smith to George W Eliassen.....Mar. 31, 1913
 April 3, 1913.—W TWELFTH or Marshall 242½ N 55th N 27½xW 100, Okd. W R Emery to W H HudsonApril 2, 1913
 April 3, 1913.—LOT 7 BLK 10, Northbrae NW Cor, Sonoma and Colusa Aves, Bkly. L A Rally to Peake-Munro Co.....Mar. 29, 1913
 April 3, 1913.—PTN LOT 52 BLK "C" Map of a part of Berkeley Ppty, Bkly. Bertha Newell to Junk. Riddell Co.....April 2, 1913
 April 4, 1913.—LOT 64 and N half Lot 63 Blk 10 Regents Park No. 4, Albany. Peake-Munro Co to J A Pinkerton.....April 3, 1913
 April 7, 1913.—LOT 9 BLK 6 Map East Piedmont Heights Extension, Okd. W A Dow to Patrick Nelson Bldg Co.....April 2, 1913
 April 7, 1913.—LOT 16 BLK 4 Kellogg Tract, Bkly. Mrs Eugenie L Carver to Peake-Munro Co.....April 5, 1913
 April 7, 1913.—LOT 15 BLK 1 Fairview Park, Bkly. Mrs H N Rowell to H D Koch.....April 5, 1913

April 8, 1913—N SIXTEENTH AND Wood, Okd. J B Corryell to Chas W Gompertz.....April 5, 1913
April 8, 1913—FAIRMOUNT NO. 644, Oakland. A W Palmer to L E Chapin.....April 7, 1913
April 8, 1913—LOT 25 BLK 9 Map Fourth Avenue Heights, Oakland, Samuel E Jackson to Junk-Riddell Invst Co.....April 8, 1913
April 9, 1913—LOT 24 BLK 1, Berkeley Heights, Bkly. Norman D Kelley to Peake-Munro Co., Apr 5, '13
April 10, 1913—NW BROADWAY & 26th W along 26th 153.63 N 233.20 E 199.94 S 52.13 SW 187, Oakland. The First Presbyterian Church of Oakland to Reardon-Crist Constr Co.....March 25, 1913
April 11, 1913—E 35 LOT 50 Lawton Avenue Tract, No. 386 50th St, Okd Margaret McArthur to Chas McArthur.....April 11, 1913
April 11, 1913—LOT 27 BLK 6 Map East Piedmont Heights Extension, Okd. Cora H Shores to whom it may concern.....April 7, 1913
April 1st, 1913—N RANCROFT WAY 66 W Sacramento 34x90, Bkly. F R Peake Co to J A Pinkerton. Apr 11, '13 SW 513 $\frac{1}{2}$ NW 292 ft 7 in NW 459 ft
April 10, 1913—CENT LINE E-14TH 5 in. SE 237 2-3, Okd. Little Sisters of the Poor of Oakland to A J Hillam.....April 8, 1913
April 9, 1913—SE BUENA VISTA AVE and Foley E along Buena Vista Ave to 100XS 100, Ala. L Gottheim to whom it may concern. Feb. 15, 1913

LIENS FILED.

Alameda.

Mar. 22, 1913—W SPRUCE 320 S Cedar S 50xW 150, Bkly. W Hostler vs Charles R McNulty and Ghes M Briggs.....\$28
Mar. 29, 1913—W PTN LOT 9 and E ptn Lot 8 Blk 3 May Oak Lawn, Okd. Berkeley Lumber Co vs Minnie and Anthony Beck & C J Peterson.....\$504.20
April 1, 1913—LOT 31 BLK "J" Map 4th Ave Terrace, Okd. Maxwell Hardware Co vs Lolke Zwall and Jane Doe Zwall.....\$55.70
April 4, 1913—S LAKE 140 E Madison E 50xS 100, Okd. Pacific Mfg Co vs Laura Johnson.....\$593.25
April 4, 1913—EIGHTY-SEVENTH Ave No. 1215 35x100, Okd. A G Lockhart vs Joseph Camazzi.....\$62
April 9, 1913—LOT 38 BLK 19 Resubdivn Peralta Park, Bkly. W P Fuller & Co vs George H S Haly.....\$192.20
April 9, 1913—N 1 $\frac{1}{2}$ LOT 37 BLK 119 Re Subdivn Peralta Park, Bkly. W P Fuller & Co vs George H S Haly.....\$196.25
April 9, 1913—S 1 $\frac{1}{2}$ LOT 37 BLK 119 Resubdivn Peralta Park, Bkly. W P Fuller & Co vs George H S Haly.....\$214.50
April 9, 1913—LOTS 26 TO 38 INC BLK "D" Amended Map Fairview Trct, Piedmont. W P Fuller & Co vs George H S Haly.....\$1990

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCES—Frame construction. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs have been or about to be started in San Jose: J. F. Clark,

308 So. 11th St., San Jose, 1 story, 6 room cottage, \$2,000; S. Lindberg, 171 Hubson St., San Jose, 1 story, frame, 5 room cottage. Cost, \$2,000, and Hyde-Shaw Co., East 4th St., San Jose, 1 story frame warehouse, \$2,000.

Building Contracts.

SANTA CLARA COUNTY

W STATE, bet Oak and King, San Jose. Five-room cottage.
Owner.....Esileea Daub, 933 Prospect San Jose.
Architect.....None.
Day's work.....COST, \$1800

W SEVENTEENTH, 2nd Lot W of Washington, San Jose. Five-room cottage.
Owner.....Howard Buffington, 235 S-10th, San Jose.

Architect...Ye Plan Shop, Theatre Bldg., San Jose.

Contractor...L. E. Slaght, 725 S-9th, San Jose. COST, \$2000

NO. 440 N-ELEVENTH, San Jose. Five room cottage.
Owner.....W. F. Blakeslee, 436 South 6th, San Jose.

Architect.....None.
Day's work.....COST, \$1850

E SIXTEENTH, bet. Washington and Empire, San Jose. Six-room cottage
Owner.....E. Krausch, San Jose.

Architect...Ye Plan Shop, Theatre Bldg., San Jose.

Contractor...R. E. Carter, 4 Northridge Ave., San Jose. COST, \$1800

SW FIRST AND JULIAN, San Jose. Repairs on brick building.

Owner.....Maybury Estate, Prem.
Architect.....None.

Contractor...R. O. Summers, 17 N-First San Jose. COST, \$1000

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE — 2 story and base, frame, \$9,000. Mill Valley, Marin Co., Cal. Architects, Pelch & Knoll, Hearst Bldg., S. F. Owner, Dr. C. A. Kern. The dwelling has been designed for a nine-room house with baths and sleeping porch. Interior will be finished in pine and hardwood. Oak floors will be used in all of the principal rooms. Baths will be finished in tile. Provision will be made for a hot water system of heating which will be installed at a later date. A feature of the house will be the dressing rooms off of each bed chamber. An automatic water heater will be installed. Exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW — 1 story and base, frame, \$2,500. Vallejo, Napa Co., Cal. Architect, Paul De Martini, 451 Columbus Ave., S. F. Owner, Mrs. Costa. The bungalow will contain four rooms, bath and sleeping porch. Interior will be finished in pine and redwood with some hardwood floors. There will be a large open fire place in the living room. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are being prepared.

LODGE HALL 4 story and base, brick and steel, \$60,000. Richmond, Contra Costa Co., Cal. Architect, James T. Nabrett, La Salle-Sellers Bldg., Richmond. Owners, Richmond Elks' Hall Association. The building will be centrally located and is to cover a large ground area. The first floor will be arranged for stores, upper floors will contain the lodge rooms, banquet hall and offices. There will be steam heat and elevator service. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—2 story and base, brick, \$25,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Cal. Architects' Bank Bldg., Bakersfield. Owners, First Presbyterian Church of Bakersfield. A site at the corner of 17th and H streets has been secured and preliminary plans have been prepared. These plans show a building 80x85 feet with a main auditorium seating 250 people. Interior finish will be of pine and ornamental plaster. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans have not been approved by the Building Committee.

Contracts Awarded.

HOSPITAL—2 story and base, brick. Cost not stated. Taft, Kern Co., Cal. Architect's name not given. Owner, Dr. M. W. Pascoe, Contractor, H. E. Messimer. Contract price not given. Note: The building will contain 14 private rooms, two wards and an operating room.

Building Contracts.

FRESNO COUNTY.

FRESNO CITY (exact location not given. All work for 16-room dwlg. Owner.....Esther Koplan, Fresno. Architect.....None.

Contractor...R. C. Blackwell, Fresno. Filed April 5, '13. Dated April 2, '13. Frame up and roof on.....\$2500
Building completed.....4550
TOTAL COST, \$7050
Bond, limit, forfeit, none. Plans and specifications filed.

DEL REY. All work for frame addition to the NE side of American Vineyard Company's packing house. Owner.....American Vineyard Co. Architect.....None.

Contractor...Frandsen & Lorts, Fresno. Filed April 5, '13. Dated April 4, '13. Completion of building.....\$1587
Usual 35 days.....529
TOTAL COST, \$2116
Bond, none. Limit, May 15. Forfeit, none. Plans and specifications, none.

Building Contracts.

CONTRA COSTA COUNTY.

ON PTN. BLKS 92 AND 91, City of Richmond. All work to complete building according to plans. Owner.....Pacific Carbon Mfg. Co.,

BUILDING AND INDUSTRIAL NEWS.

San Francisco
 Designer...Geo. H. Arthur.
 Contractor...W. A. Stratton, Richmond.
 Filed April 5, '13. Dated April 2, '13.
 Completion of frame with sides
 and roof 25%
 Completed and accepted..... 50%
 Usual 35 days..... 25%
TOTAL COST, \$1784
 Bond, none. Limit, 21 working days.
 Forfeit, plans and specifications, none.

DESCRIBED TRACT IN CONCORD.
 All work for remodeling building.
 Owner.....Bank of Concord, Concord.
 Architect...G. A. Applegarth, Call
 Bldg., San Francisco.
 Contractor...Yager Sheet Metal Co.,
 3501 Chestnut, Oakland.
 Filed April 7, '13. Dated Feb. 13, '13.
TOTAL COST, \$1025
 Bond, none. Limit, 50 working days.
 Forfeit, plans and specifications, none.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$180,000. Sacramento, Cal. Architects, Smith & Stewart, 244 Kearny St., S. F. Owner, Dr. Faris. This building has been mentioned here a number of times before. The lot is situated on a corner and the building will contain over two hundred rooms. All apartments will be provided with a sleeping porch. Mechanical plans provide for steam heat, elevator service, hot and cold water supply, refrigerating plant, vacuum cleaning system and all other modern equipment. Suites will contain from two to five rooms each. All apartments will have connecting baths and wall beds. The exterior of the building will be faced with pressed brick and terra cotta. Plans are now out for figures.

CONVENT—3 story and base, brick or concrete, \$80,000. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, Roman Catholic Convent. The institution has recently secured a new site at the corner of San Joaquin and Flora streets and have had preliminary plans prepared. No details of the building have been decided upon, and it will be some time before full particulars can be printed.

STORES AND OFFICES—10 story and base. Class A construction, \$200,000. Sacramento, Sacramento Co., Cal. Architect, Charles S. Kaiser, Mechanics' Institute Bldg., S. F. Owner, George W. Peltier and associates. This building, which is to be erected at the southwest corner of 4th and J streets, will be known as the Fruit Association Building. Construction will be fire-proof throughout, with a complete steel frame, brick and concrete walls, faced with terra cotta. There will be steam heat, elevator service, a vacuum cleaning system, metal window sash and frames and metal trim and mail chutes. Halls will be vainscoted with tile and marble. Six floors have already been leased. Working drawings are being prepared and bids will be called for at once.

SCHOOL—1 story and base, reinforced concrete, \$37,500. Orland, Glenn Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Orland School District. The building has been designed for a six-room school with principal's office, teachers' rooms and

library. A central heating system will be installed. Interior finish will be of pine with some maple floors. There will be composition blackboards and a program clock system. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

Building Contracts.

SACRAMENTO COUNTY.

LOT 107 West Curtis Oaks. All work for six-room residence.
 Owner.....R. H. and Ella Lambert,
 1916 11th St., Sacramento.
 Plans by...W. T. Feagan.
 Contractor...W. T. Feagan.
 Filed April 8, '13. Dated April 8, '13.
COST, \$3650

TOWN OF CITRUS (now called Jura), a station on the Folsom branch of the S. P. about 8 miles from Sacramento (exact location to be determined by engineer's party of first part.) Concrete work for two-story frame hotel.
 Owner.....Natamias Consolidated of California, Forum Building, Sacramento.
 Architect...G. Albert Landsburgh, Gunst Bldg., San Francisco.
 Contractor...Ernest G. Johnson, 2822 H St., Sacramento.
 Filed April 4, '13. Dated Mar. 24, '13.
COST, \$10,465

NO. 1113 THIRD ST., Sacramento. Alterations and additions to two-story and basement brick building.
 Owner.....Fong Chang.
 Architect...None.
 Contractor...L. G. Barton & L. E. Hite,
 1812 L St., Sacramento.
 Filed April 7, '13. Dated April 7, '13.
COST, \$6450

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 April 10, 1913—S 75 FT. OF LOT 8 and W 2 ft. of South 75 ft. of Lot 7 J. K. 14th & 15th Sts., Sacramento
 Chauncey H. Dunn to Murrell & Haley.....April 9, 1913
 April 3, 1913—N 1/2 of 5, K. L. 2ND & 3rd Sts., Sacramento. John L. White to Barton & Hite.....April 2, 1913

Building Contracts.

SACRAMENTO COUNTY.

Liens Filed.

SACRAMENTO COUNTY.

RECORDED AMOUNT
 April 7, 1913—N 1/2 OF E 60 FT. AND S 1/2 of E 50 ft. of Lot 2 and W 1/2 of Lot 3, I. J. 3rd and 4th Sts., Sacramento. Wm A Thiebarh and P F Bender (Thiebarh & Bender) vs Mary E Smith.....\$198.50

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 5 BLK 149 E, Stockton. Frame building.
 Owner.....Nellie S. Smith, 1017 N-Center St., Stockton.
 Architect...None.
 Day's work.....
COST, \$3500

LOT 7 BLK 36 E, Stockton. Remodel dwelling into flats.
 Owner.....L. E. Bianchard, 1045 N-California, Stockton.
 Architect...Walter King, 309 Elks' Bldg., Stockton.
 Day's work.....
COST, \$4000

S 1/2 OF LOT 1 BLK 108 E, Stockton. Frame building.
 Owner.....Mrs. Hickenbotham, 623 E-Market, Stockton.
 Architect...None.
 Day's work.....
COST, \$4000

LOT 14 BLK 65 S M C, Stockton. Erect frame building.
 Owner.....Louis McGhan, 342 North Stanislaus, Stockton.
 Architect...None.
 Day's work.....
COST, \$1000

NO. 312 E-WEBER AVE., Stockton. Build chimney and inside panel work.
 Owner.....Maria S. Hubbard, 845 N-El Dorado, Stockton.
 Architect...None.
 Day's work.....
COST, \$500

LOT 16 BLK 33 W, Stockton. Remo' l frame building.
 Owner.....E. N. Fessien, 622 E-Lafayette, Stockton.
 Architect...None.
 Day's work.....
COST, \$400

LOT 13 BLK 4 Survey 2999, Stockton. Frame building.
 Owner.....Joseph Geiger, 125 E Lind-say, Stockton.
 Architect...None.
 Day's work.....
COST, \$3350

LOTS 10 AND 12 and S 30 ft. Lot 16 Blk 18 E, Stockton. Erect galvanized iron building.
 Owner.....Mary and Amy Inglis, 725 N-San Joaquin, Stockton.
 Architect...None.
 Day's work.....
COST, \$3000

LOT 3 BLK 38 E, Stockton. Repair frame building.
 Owner.....Costa & Campodonio.
 Architect...None.
 Day's work.....
COST, \$400

LOT 16 BLK 38 S M C, Stockton. Erect frame building.
 Owner.....E. W. Gilbean, 945 S-San Joaquin, Stockton.
 Architect...None.
 Day's work.....
COST, \$3500

LOT 4 BLK 185 E, Stockton. Erect one story frame building.
 Owner.....J. J. Malloy, 1818 S-California, Stockton.
 Architect...None.
 Day's work.....
COST, \$2000

LOT 3 BLK 37 E, Stockton. Remodel frame building.
 Owner.....Cramer & Hodith, 1421 N-Commerce, Stockton.
 Architect...None.
 Day's work.....
COST, \$800

LOT 16 BLK 9, The Oaks, Stockton. Frame building.
 Owner.....E. W. Perkins, 719 E-Hazeltown, Stockton.
 Architect...None.
 Day's work.....
COST, \$2500

LOT 5 BLK 19 E, Stockton. Remodel brick building.
 Owner.....J. Batto.

Architect...None.
Day's work.

COST, \$600

NW FLORA AND EL DORADO STS.,
Stockton. All brick work, setting
iron and steel, damp proofing for 4-
story and basement brick apartment
building.

Owner.....Home Builders' Security
Co., 39 N-San Joaquin St.,
Stockton.

Architect...Glenn Allen, Phelan Bldg.,
San Francisco.

Contractor...A. W. Cowell, 1231 N-
Sutter St., Stockton.

Filed April 2, '13. Dated Mar. 22, '13.

1st of each month..... 75%
Usual 35 days..... 25%

Bond, \$6000 Surety, I. F. Stein.
Limit, none. Plans and specifications
filed.

STRUCTURAL STEEL FIRE ESCAPE
and joist hangers on above.

Contractor...Ralston Iron Works, 20th
and Indiana, San Francisco

Filed April 2, '13. Dated Mar. 26, '13.

Payments same as above.....

Bond, \$3430. Surety, American Surety
Co. Limit, 10 days. Forfeit, none.
Plans and specifications filed.

ELECTRIC WORK ON ABOVE.

Contractor...Leonard F. Youdail and D.
C. Russell, 1319 N-Harrison,
Stockton.

Filed April 2, '13. Dated Mar. 22, '13.

Payments same as above.....

Bond, \$1140. Surety, American Surety
Co. of New York. Limit, none. Forfeit,
none. Plans and specifications filed.

MILL WORK, GLASS MIRRORS, ETC.,
on above.

Contractor...Totten & Brandt 102 W-
Main St., Stockton.

Filed April 2, '13. Dated Mar. 22, '13.

Payments same as above.....

Bond, \$6199. Surety, American Surety
Co. of New York. Limit, May 15. For-
feit, none. Plans and specifications filed

PAINTING AND DECORATING ON
above.

Contractor...Geo. Fox, 625 W-Flora St.,
Stockton.

Filed April 2, '13. Dated Mar. 22, '13.

Payments same as above.....

Bond, \$1550. Surety, American Surety
Co. of New York. Limit, 30 days. For-
feit, none. Plans and specifications filed

SHEET METAL WORK, STEAM

heating, hot water, oil plant, vacuum
and plumbing on above.

Contractor...Ed. L. Gnekow, Main and
Stanislaus Sts., Stockton.

Filed April 2, '13. Dated Mar. 22, '13.

Payments same as above.....

Bond, \$8000. Sureties, Ed. F. Harris &
John Raggio. Limit, July 1. Forfeit,
none. Plans and specifications filed.

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

APARTMENT HOUSE—2 story and
base, Class C construction. Cost not
stated. Redondo Beach, Los Angeles
Co., Cal. Architects, Arthur L. Acker
and Otto Janssen, Story Bldg., L. A.
Owner's name withheld. The building

will be erected on one of the principal
corners of the city and has been ar-
ranged to contain 53 rooms, which will
be divided into two and three room
suites with private baths and wall
beds. Interior will be finished in pine
and hardwood veneer. Some oak floors
will be used. Plans provide for steam
heat, hot and cold water service and
an automatic elevator. The exterior
of the building will be faced with ce-
ment plaster. Plans are being pre-
pared.

APARTMENT HOUSE—3 or 4 story
Los Angeles Co., Cal. Architect,
and base, brick, \$50,000. Ocean Park,
William Roberts, 2530 4th Ave., L. A.
Owner, Mr. Crosby. The building will
cover an area of 50x110 feet and will
be arranged in suites of two, three and
four rooms each. Interior finish will
be of pine and hardwood veneer. Ce-
ment floors will be used in the baths.
There will be steam heat and automatic
elevators. The exterior of the building
will be faced with pressed brick. Plans
are now being prepared.

APARTMENT HOUSE—4 story and
base, Class C construction. Cost not
stated. Los Angeles, Cal. Architect,
Frederick Noonan, Wright and Callen-
der Bldg., L. A. Owner, William Mc-
Cartney. The building will be erected
on a corner and will cover an area of
60x150 feet. Interior has been ar-
ranged for 150 rooms, which will be
divided into two and three room suites
with private baths and wall beds.
Plans provide for steam heat, elevator
service and a vacuum cleaning sys-
tem. Interior will be finished in pine
and hardwood. Tile will be used in
all bath rooms. The exterior of the
building will be faced with pressed
brick. Plans are being prepared.

APARTMENT HOUSE—4 story and
base, brick and steel, \$90,000. Los An-
geles, Cal. Architects, Union Realty
Co., Realty Board Bldg., L. A. Owner,
William A. Hammell. The building
will contain 80 guest rooms, amuse-
ment room, large lobby and social hall.
Suites will be arranged in two and
three room apartments with wall beds
and private baths. Interior finish will
be of pine and hardwood. Bath rooms
will be wainscoted with tile and will
have marble floors. There will be
steam heat, elevator service and a vac-
uum cleaning system. The exterior of
the building will be faced with pressed
brick. Plans are complete and figures
are being taken.

HOTEL—3 story and base, reinforced
concrete. Cost not stated. Wilming-
ton, Los Angeles Co., Cal. Architect,
Thornton Fitzhugh, Pacific Electric
Bldg., L. A. Owner, G. D. Potter. The
building will be erected at the corner
of 13th and Canal streets. The first
floor will contain six stores and the
hotel lobby. Upper floors will be ar-
ranged for 45 guest rooms and several
baths. Plans provide for steam heat,
elevator service and a hot and cold
water supply system. The exterior of
the building will be faced with pressed
brick. Plans are now being prepared
for the work.

HOTEL—3 story and base, brick and
frame. Cost not stated. Los Angeles,
Cal. Architect, O. N. Dennis, Fay Bldg.,
L. A. Owner, Louis S. Lehman. The
building will cover an area of 50x95
feet, and will contain 52 guest rooms
besides a number of baths. There will
be steam heat and a hot and cold water
supply system. Interior finish will be

of pine and some hardwood. Bath
rooms will be finished in tile. The ex-
terior of the building will be faced with
brick veneer. Plans are complete and
figures are being taken.

HOTEL—1 story and base, Class C
construction, \$10,000. Los Angeles, Cal.
Architect, Joseph F. Rhodes, Central
Bldg., L. A. Owner, Joseph F. Rhodes.
The building will be erected on a cor-
ner lot and will cover an area of 35x
110 feet. There will be a total of 70
guest rooms, a number of which will
have private baths. Plans provide for
elevator service, steam heat and a hot
and cold water system. There will be
metal window frame and sash. The ex-
terior of the building will be faced
with pressed brick. Interior finish will
be of pine throughout. Plans are being
prepared.

RESIDENCE—2 story, attic and
base, reinforced concrete, \$40,000. Los
Angeles, Cal. Architect, Arthur S.
Heineman, San Fernando Bldg., L. A.
Owner, Charles S. Henry. The dwell-
ing has been designed for a 15-room
house with several baths, sleeping
porches and a garage. There will be
steam heat and open fire places. Inter-
ior will be finished in pine, redwood,
mahogany and other hardwoods. Hard-
wood floors will be used throughout.
All baths will be finished in tile. The
exterior of the dwelling and garage
will be faced with cement plaster.
Plans are complete and the work will
be done by Day Labor under the direc-
tion of the architect. All materials
are now being purchased.

STORES AND LOFTS—10 story and
base, reinforced concrete. Cost not
stated. Los Angeles, Cal. Architect,
W. J. Saunders, International Bank Bldg.,
L. A. Owner, F. W. Braun. The build-
ing will cover an area of 50x154 feet.
Construction will be fireproof through-
out with reinforced concrete walls,
floors and hollow tile interior parti-
tions. There will be metal window
sash and frames and fireproof doors.
Plans provide for elevator service, an
automatic sprinkler system and spiral
staircases. The exterior of the building
will be faced with cement plaster. Plans
are complete and figures are now being
taken.

DEPARTMENT STORE—8 story and
base, Class A construction. Cost not
stated. Los Angeles, Cal. Architects,
Morgan, Wall & Morgan, Van Nuys
Bldg., L. A. Owners, W. H. Perry Es-
tate. This building is to be erected at
the corner of 5th and Broadway, and
will cover a ground area of 150x160
feet. The entire structure has been
leased to the Fifth Street Store. Con-
struction will be fireproof. There will
be a complete steel frame and exterior
walls faced with pressed brick and
terra cotta. Interior finish will be of
metal and hardwood. A steam heat-
ing system will be installed. Plans are
only in a preliminary stage and full
particulars will be given later.

PIER—Concrete and wooden pile,
\$100,000. Long Beach, Los Angeles Co.,
Cal. Engineers, McCreary Bridge and
Construction Co., Pacific Electric Bldg.,
L. A. Owners, City of Long Beach.
Plans and specifications for a pier at
the foot of American and Pine avenues
have been submitted for approval to
the city trustees. According to the
plans the structure will be 350 feet
long and 150 feet wide. Final approval
will be given to the plans and speci-
fications at a next meeting of the

LIBRARY—1 story and base, brick. Cost not stated. Torrance, Los Angeles Co., Cal. Architect, Robert D. Farquhar, Van Nuys Bldg., L. A. Owners, City of Torrance. The building will be 81x110 feet and will contain the usual two reading rooms, librarians' office, stack room and an auditorium. There will be pine and hardwood trim, metal stairs and some tile and marble. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SCHOOL—1 story and base, brick and concrete, \$25,000. Huntington Park, Los Angeles Co., Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. The building will cover an area of 70x168 feet and will contain six standard size class rooms, an auditorium seating 400 people and principal's room. Interior finish will be of pine and hardwood. A plenum heating system will be installed. The exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

APARTMENT HOUSE—4 story and base. Class C construction, \$70,000. Los Angeles, Cal. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owner, M. E. Blaiser. Contractors, Los Angeles Investment Co., 8th and Broadway, L. A. Contract price, \$70,000.

HOTEL—5 story and base, reinforced concrete, \$40,343. Los Angeles, Cal. Architect, F. L. Stiff, Grosse Bldg., L. A. Owner, P. R. Tousey, Contractor, F. L. Spaulding, 1460 Dana St., L. A. Contract price, \$40,343.

Bids For Los Angeles State Normal School.

Figures for General Construction Show
Lewis A. Hicks Co. Low at \$596,000
For Work In South.

(By Special Wire.)

Eight sets of figures for the general construction of the Los Angeles State Normal School were opened in Sacramento on Saturday. The lowest figures were presented by Lewis A. Hicks Co. at \$596,000. Segregated bids were taken on all parts of the work, but these had not been tabulated at press time, and will be printed in the next issue of the "Builder."

General Construction.

McLeran & Peterson.....	\$629,500
Somers & Lund.....	553,600
C. J. Kubath Co.....	612,00
Lewis A. Hicks Co.....	596,00
F. O. Engstrun Co.....	644,495
Sound Constr. & Eng. Co.,	684,414
Southwestern Constr Co.,	638,948
J. P. Atkinson.....	612,700

PORTLAND AND OREGON.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Portland, Ore. Architects, Clausen & Clausen, McCleay Bldg., Portland. Owner, Dr. W. L. Wood. The building will cover an area of 62x100 feet and will contain 25 apartments of two and three rooms each. All suites will have private bath rooms and will be equipped with wall beds. Interiors will be finished in pine and hardwood

with tile wainscot and cement floors in the bath rooms. There will be steam heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Segregated bids are being taken.

APARTMENT HOUSE—1 story and base. Class C construction, \$70,000. Portland, Ore. Architects, W. B. Bell and T. J. Wilding, Worcester Bldg., Portland. Owner, A. C. Ruby. The building will be arranged for stores on the first floor and 45 apartments of two and three rooms each on the upper floors. Plans include steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwoods. All suites will have connecting baths and wall beds. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster and pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, Horandt & Anderson, Worcester Bldg., Portland. Owner, A. E. Trump. The two upper floors of the building will be divided into two and three room suites with connecting baths and wall beds. First floor will be arranged for stores. There will be steam heat. Interior will be finished in pine throughout. The exterior of the building will be faced with cement plaster. Plans are complete and figures have been taken.

HOTEL—4 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owner, W. W. Margulis. The building will cover an area of 25x100 feet. Interior of the building will be arranged for 70 or 80 single rooms and a number of baths. There will be steam heat and elevator service. Interior finish will be of pine throughout. The exterior will be faced with cement plaster. Exterior walls will be of reinforced concrete and interior of mill construction. Plans are being prepared and bids will shortly be called.

TOWN HALL—2 story and base, brick and concrete. Cost not stated. Newberg, Ore. Architect, E. E. McClaren, Lumber Exchange Bldg., Portland. Owners, Town of Newberg. Besides the city offices and council room, the first floor will be arranged for fire and police departments. Basement will contain the jail. The second floor of the building will be fitted up for the use of the Commercial Club. There will be steam heat and pine trim and metal window frames and sash. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LODGE HALL—2 story and base, brick and concrete. Cost not stated. Lents, Ore. Architects, Herandt & Anderson, Worcester Bldg., Portland. Owners, Lents Odd Fellows' Hall Association. The building will cover an area of 50x100 feet. The first floor is to contain stores and the upper floor will be arranged for a large banquet hall and lodge rooms. Interior will be finished in pine and hardwoods. A central heating system will be installed. Exterior of the building will be faced with cement plaster. Plans are out for figures.

Contracts Awarded.

LAUNDRY BUILDING—2 story and base, brick and concrete, \$75,000. Portland, Ore. Architects, Ellis F. Lawrence and William G. Holford, Chamber of Commerce Bldg., Portland. Owners, Troy Laundry Co. Contractor, Hurley-Mason Co., Board of Trade Bldg., Portland. Contract price, \$75,000.

SEATTLE AND WASHINGTON.

WAREHOUSE—4 story and base, brick, \$50,000. Tacoma, Wash. Architect, I. C. Irwin, Chamber of Commerce Bldg., Tacoma. Owners, California Wine Co. This work has been mentioned in these columns before. The structure will cover an area of 90x110 feet and will be of the heavy mill type of construction. There will be an automatic sprinkler system, metal window frames and sash. The exterior of the building will be faced with stock brick. Plans are complete and figures will be taken at once.

Contracts Awarded.

STATIONS, ETC.—Frame and concrete construction, \$50,000. Tacoma, and Teneno, Wash. Engineers, Engineering Department Pacific Northern R. R. Co. Owners, Pacific Northern Railroad Co. Contractors, E. J. Rounds Construction Co., Walker Bldg., Seattle. Contract price, \$50,000.

PROGRESS OF THE FAIR.

Dredges are now deepening the Yacht Harbor of the Panama-Pacific International Exposition, in preparation for the incoming ships loaded with lumber for the Palace of Education and the other Exhibit Buildings.

Silt is also being pumped from the Harbor to fill in the open space between the piling and the shore line. A temporary plank road has been built through the Exposition grounds and it is now possible for visitors to traverse the site from Van Ness Ave. to the Presidio.

The progress of the World's Fair is now visible. The work is farther advanced at the present time than at any other previous Exposition two years before its formal opening.

The preliminary work includes the filling in of lands at Harbor View and the Presidio. The construction of a rock sea-wall; construction of the enclosing fence, 80 per cent complete; the erection of green houses and potting houses at the Presidio; the moving of buildings from the acquired site; the improvement of Fulton Basin, now 90 per cent complete; the construction of roadways; the grading of sites for the various buildings; the installation of sanitary and storm sewer systems throughout the grounds; the preliminary work of installation of the high-pressure water system; the driving of piles for the freight ferry slips at the foot of Buchanan street, and the hundreds of other necessary undertakings which of themselves gave no visible evidence of the enormous work already being accomplished.

Seven thousand men will be at work on the Exhibits Palaces of the Panama-Pacific International Exposition before the summer is over. As high as ten thousand men will be employed when the labor peak is reached. This number is exclusive of those who will be employed in the construction of

state buildings and foreign pavilions. The states and foreign nations, it is expected, will conform to the pace set by the exposition company in the work of construction.

The plans of the magnificent courts, the designs for the imposing sculpture and the sketches of the mural paintings and decorations are nearing completion. Contracts for many of the groups of statuary and for many of the mural paintings have already been let to prominent artists and sculptors in San Francisco, New York and other cities of the United States. The direction of the color work has been entrusted to Jules Guerin, and Karl Bitler has charge of the sculpture.

One of the horticultural features at the 1915 Universal Exposition, will be "California Canyon" which will be located between the Japanese Gardens and Horticultural Building or North of Lombard street between Baker and Lyon streets.

It will be six hundred feet long and two hundred feet wide. It will be adorned with one thousand red woods, madrones, California lilac, mazanitas, and California wild flowers.

A model of this beautiful canyon has been made by the landscape department which is in charge of John McLaren, landscape Engineer. The Landscape department has been extremely active during the past month. The nursery in Encensee Hollow, which covers fourteen thousand square feet, is being used to great advantage. There are two hundred and fifty thousand small plants which have been raised from seeds and cuttings in the six green houses and its number is being rapidly increased every day.

Governor Tasker L. Odde of Nevada, has approved the bill for one hundred thousand dollars for that states participation in the 1915 Universal Exposition.

Nevada was the second state to select a site at the Exposition. This adjoins the Oregon State site. The Silver State aims to erect a handsome building and make a prominent showing at the coming World's Fair.

PROJECTING A SPHERE ON TO A PLANE.

In connection with the annual meeting of the Pacific Association of Scientific Societies, Mr. B. J. S. Cahill will address the Technical Society on the subject of "Methods of Projecting a Sphere onto a Plane, or The Evolution of a New Projection for a World's Map" in Room 109 California Hall, Berkeley, Friday evening, April 11, at 8 P. M.

IRRIGATION FROM HONEY LAKE FORBIDDEN.

WASHINGTON (D. C.), April 9.—A decision of importance to residents of Idaho who are using or intend to use water from Honey Lake for irrigation purposes was handed down by the Department of the Interior when it refused the entry of John M. Ramsden on 160 acres in the vicinity of the lake, because the lake is not a flowing body of water. The decision affects many others in the same situation.

The right to use running water flowing in a river or stream or down a canyon or ravine may be acquired

by appropriation, and it was under this that the Lassen people wanted to use the waters of Honey Lake. The department holds, however, that this section does not apply to Honey Lake and that the Legislature must pass the remedial bill now before it or the department will be forced to deny the entries.

The Attorney General of California has been written to find out if the legislation has passed the bill or not, and on that will depend the rulings of the department.

NEW DIXON BUILDING.

DIXON (Solano Co.), April 9.—G. D. Schultze, the local jeweler, has let the contract for his new building and work will begin at once on the structure. The building will be a two-story brick, 50 by 35, with a cement facing. The lot on which it is to be erected is one of the choicest business properties in town, having a frontage on First street of 50 feet.

SCHOOL BOND ELECTION.

SUISUN (Solano Co.), April 9.—The Trustees of Armijo Union High School have issued a call for a special election to be held on May 17th to vote upon the proposition of issuing bonds in the sum of \$70,000 to erect a new building.

The Union District consists of Suisun and Fairfield and eight other elementary school districts. The present building is inadequate for the purpose, being not only too small but inconvenient and unsanitary.

The plans for the proposed new building call for a two-story and basement structure, fire proof throughout, the material to be reinforced concrete for the outer walls and hollow tile for the partition walls. It will accommodate about 300 students.

GERMANY'S GREAT INDUSTRIAL EXPANSION.

German growth in manufactures and commerce in the last thirty years has been remarkable but it is not nearly so well known that the agricultural growth, particularly in the line of intensive culture, has been very great. The population has increased 52 per cent in thirty-five years, while that of England has increased 37 per cent and that of France only 8, a fact of which the young Frenchmen, who are shouting for a militarist policy, would do well to take notice.

In twenty years the death rate has been reduced one-third, which is very much more than the reduction in other European countries. The figures compiled by the Dresden Bank show that the population engaged in agriculture has decreased from 42 to 28 per cent, while the population engaged in industry and mining has increased from 35.5 to 42.8 per cent. But the production of wheat per acre has increased in twenty-five years 57 per cent, of rye 73.5 per cent, of potatoes 61.4 per cent and of hay 52.8. It will be noticed that the production per acre has increased faster than the increase of the total population.

In less than forty years the production of sugar-beet pulp has increased about six times, while the amount of beet required to produce a

given weight of sugar has been reduced one-half and the production of beet per acre has increased a good deal over 50 per cent.

In about thirty years the wages of mechanics in Berlin have more than doubled, and the wages paid by the Krupp concern have increased nearly 70 per cent. The average consumption per capita of breadstuffs has increased nearly 24 per cent in twenty-five years, of potatoes 80 per cent, of sugar 188 per cent, and of tea, coffee and cocoa 44 per cent. The increased consumption of meat is given only in the case of Saxony, where it has been 44 per cent. The savings banks deposits have increased tenfold in thirty-five years and more than half the taxpayers pay on incomes of between \$1500 and \$5000.

The wealth of Germany is estimated to be about that of England and very much more than that of France. Thirty years have made a new Germany.—Philadelphia Record.

NEW INVENTIONS.

Reported especially for this paper by H. B. Willson & Co., Patent Attorneys, 715 Eighth Street N. W., Washington, D. C.

A Complete Copy of any of these patents will be forwarded to any person by Messrs. Willson & Co., on receipt of ten cents. Persons ordering Copies must give Number of Patent.

1,056,775. Circular Slide Rule. David W. Brunton, Denver, Colo.

1,056,788. Sash Operating Device. Eliza P. Harris, Chicago, Ill., assignor to The Payson Mfg. Co., Chicago Ill.

1,056,808. Molding Machine. R. F. Marsh Delphos, Ohio.

1,056,810. Tile Construction. Wm. P. McDonald, Cincinnati, Ohio, assignor to The Rookwood Pottery Co., Cincinnati, Ohio.

1,056,818. Bench Clamp. Harry R. Mitchell and I. L. Sloan, Seattle, Wash.

1,056,917. Carpenter's Tool. Eric H. Len Los Angeles, Cal.

1,056,948. Construction of Building Walls. H. J. Schubert, Hackensack, New Jersey.

1,056,973. Metal Window Frame and Sash. Andrew J. Connell and Jno. W. Rapp, New York, N. Y., said Connell assignor to said Rapp.

1,057,095. Block for Building Construction. F. V. Schiller, Oakland, Cal.

WOODLAND MAY HAVE FEDERAL BUILDING.

WASHINGTON (D. C.), April 4.—Woodland will probably have a new Post Office in the near future for Representative Curry is framing a bill for that purpose now and it will be one of the first he will introduce when the Congress is ready for general legislation. The exact cost of a building needed to fill the requirements has not yet been determined, but it will probably be between \$75,000 and \$100,000.

The receipts of the Woodland office last year from the sale of postage stamps was \$16,734.30, an amount much larger than the average of the receipts of the offices which received new buildings in the Public Building bill passed in the last Congress.

FORMATION OF POTASH DEPOSITS.

In connection with the search for potash in the West which is being made by the United States Geological Survey a great number of localities have been visited by the survey geologists, especially in the Great basin. Shallow desert lake beds, so-called dry lakes or playas, are extensively distributed throughout this region. Most of these playas contain salts to a greater or less extent, and nearly all these salts show an analysis from 1 to 4 per cent or more of potash. Few of these lake beds show evidence of having ever been submerged to a considerable depth, and the deposits that lie in the lowest parts of most of them are probably only alternating strata of clays and saline muds, with thin salt crusts produced by periodic flooding and drying up. Large and massive deposits of crystalline salts can hardly be expected, except as the result of the drying up of a very extensive and deep saline lake, or as representing the continuous accumulation of saline matter in a water body during a very long period of time. Record of the existence of such lakes in prehistoric times is to be found in certain parts of the Great Basin region. Contrary to the general assumption, however, the extensive lake basins are, in fact, relatively few. It is evident, therefore, that the search for the important salt bodies of this type has of necessity been narrowed to a relatively few localities.

The arena in Searles lake and the Panamint Valley, Cal., of public land withdrawn from entry on account of their potash content are the lowest parts of two ancient lake basins, whose waters at their highest stage probably connected through a narrow strait. Both basins were filled by overflow from the drainage of Owens river, and in both the salts are believed to have accumulated by natural concentration of the normal drainage waters from that source. The salt body in Searles lake lies at the surface of the ground and was located in claims for the soda it contained before interest in potash had been seriously awakened. The mud flat that forms the bottom of the Panamint valley has recently been located in "potash" claims, but without any evidence that can be taken to indicate the existence there of a valuable saline mass. The salt that shows on the surface in the Panamint valley is relatively insignificant in amount, and tests for potash in the surface salts or ground waters of this valley do not run higher than the average of such salts in mud flats and dry lakes generally. The lands have, therefore, been withdrawn on evidence of a more general character, the theory being that the former larger lake of the Panamint valley, when it dried up, might have deposited a bed of salt as large as or larger than that now existing on the surface in Searles lake. The Panamint valley is relatively narrow, and the streams from the rugged mountain slopes that border it have spread their fans far into the center of the valley. Drilling, possibly to a considerable depth, will be needed to test the possibility of buried salt deposits in this valley, and if such deposits are found to be present, it is believed that they will be essentially like those of the Searles deposit.

Columbus marsh, Nevada, is the evaporation pan of a shallow lake. Analyses of clays obtained in this deposit have

shown some exceptionally high percentage of potash. No important beds of clear crystal salts have yet been found in the marsh, and the possible commercial value of such a deposit still remains a subject for further investigation. Pending such work these lands also have been withdrawn from entry.

On March 19th last there started an expedition from Philadelphia to explore the Amazon river. A body of men selected for their peculiar fitness were aboard the ship *Pennsylvania* which had for its destination the City of Para on the Amazon and they will there embark on a specially built boat that will take them to the head of navigation on the largest river in the world which is 2300 miles from the mouth of the stream.

While men are losing their lives hunting the geographical poles of the earth and spending time and treasure in the exploration of inhospitable ice fields that have little or no value to the world, such fields as the Amazon lay entirely unexplored.

The basin of this mighty river covers more than 2,000,000 square miles and is undoubtedly the richest country in the world. So abundant is the heat and moisture of that great region that life is so rank and luxuriant that it is impenetrable. Dense forests covers the ground so completely as to shut out the rays of the sun and to keep the ground in perpetual shade. Insects and birds innumerable inhabit the place not to mention the reptiles and animals that live in the trees. There are the great forests of the world, the rubber tree in wild profusion and the tropical hardwoods which are so valuable in building and cabinet work.

This expedition is a scientific one. It will ascend the river as far as possible in the ship and then proceed by canoes. No doubt a great deal will be added to the scientific knowledge of the country, to its fauna and flora and many facts be ascertained as to conditions existing there.

Perhaps less is known of the Amazon region than any country in the world. The most fertile and productive land under the sun it is yet as little known as the Sahara desert. When the outposts of civilization advance into this region and science conquers the dangers of disease a producing country will be added to the world's agricultural area that will be the greatest in the history of the human race.

In the death of Gustav de Laval the world has lost a benefactor and a great inventor. He was a native of Sweden, but of French ancestry, as his name implies. His life was one of discovery in the realm of science and applied mechanics and like Edison he solved problems because it was his nature so to do. What the people of this country will remember him for most particularly is the cream separator which has saved millions of dollars to the dairy products of the country. The sewing machine, the cotton gin, and the grain harvester are the great landmarks in the line of industrial invention. Along with modern development in dairy farming the cream separator is an important step in the line of progress.

The Chronicle says that Governor Johnson needs the San Francisco waterfront in his business and that he is going to keep it. It further mentions that six members of the assembly from this city—Ryan, McDonald, Nolan, Scott, Canepa and Collins voted against their city and there are those that will see to it that they are not forgotten.

Those that will see to it are presumably the Chronicle, the Southern Pacific and all the bunch of buccaners for which it stands. For that matter the assemblymen should be proud of their record and of the enemies they have made.

It matters little to the general public just who is working on the waterfront or who has the distribution of the jobs. It does matter a whole lot how the waterfront is administered whether or not it is a free port or whether or not it is controlled by the Southern Pacific or a transcontinental railroad and run in the interest of special privilege.

It is certainly worthy of comment that of all the years before while the Southern Pacific had control it never once occurred to the patriotic Chronicle to agitate the acquisition of the waterfront by the City. As soon as the government is restored to the people and a man is elected governor who has his own political boss and acknowledges sovereignty to no special interest the Chronicle and all the other blockies are out with the big noise of local self government. And this is only in the hope that the railroad would be able to build up a political machine in San Francisco that would grant special privileges to the few and plunder the public generally.

The bill to acquire the San Francisco waterfront was championed by Assemblyman Milton Schmitt, who has always been identified with the special interests. To assume that this measure is championed for the good of the city and the welfare of the state generally is to ask one to believe the incredible. Governor Johnson has said that while he is governor the San Francisco waterfront will remain the property of the State. For this the people of the State and of San Francisco can be truly thankful.

Electric power in contracting work is an important factor in modern building. A recent issue of the Scientific American states the advantage derived from using this form of power in the following language:

"In contracting work in which pumps, ventilating fans, wood metal-working tools, air compressors, hoists, concrete mixers, etc., are used the electric motor has been advantageously employed. The flexibility and versatility of this form of power has especially commended it for the temporary applications characteristic of contracting work. A Scotch contractor concerned having a piece of reserve work on hand recently made use of electric power by installing its own engine and suction-gas producer generating plant. During eighteen months operation this isolated plant—comprising a 40-kilowatt generator belted to the gas engine, supplying variable motors on the work and an installation of electric lights—consumed only tons of anthracite coal."

BUILDING AND INDUSTRIAL NEWS

A Weekly Publication Devoted to the Architectural, Building and
Industrial Activities of the Pacific Coast

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—== THIS WEEK'S ILLUSTRATIONS: ==—

Modern Office Building For A. B. McCreery,
San Francisco. Designed By Charles Paff,
Architect.

Gilroy High School, Gilroy, Calif. Designed
By W. H. Weeks, Architect, San Francisco.

Woodland High School, Woodland, Calif. De-
signed By W. H. Weeks, Architect of San
Francisco.

TUESDAY, APRIL 22, 1913.

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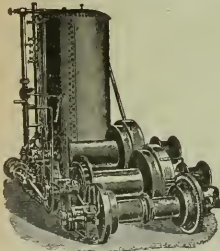
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Editorial Comment.

The Alien Land Law seems to be stirring up a merry row in Japan. So far as the Japanese are concerned it is hard to see what kick they have against this state insofar as they get the same treatment that other foreign nations do. Nor should the threat of war prevent the enactment of a just measure.

Inasmuch as this country now has more people of foreign races, including the negro, than it can ever assimilate it is about time that emigration be limited to those who can bear the burdens of intelligent citizenship. The necessity of importing foreign capital to develop the country no longer exists. In fact as a general proposition foreign capital is being used to exploit the resources of the state rather than to conserve them. The oil fields are a case in point. If they continue to be worked and the product used at the present rate the time will soon come when the world will have to look for some other fuel. Citizenship or the declaration to become a citizen is not an unnecessary qualification for a freeholder in this state. The only question is how best to bring it about.

The State Engineer has recommended that there be some legislative enactment looking to the state supervision of dams. Inasmuch as work is already underway providing for the impounding of vast volumes of water, greater than anywhere else in the United States, it is highly necessary that there be some kind of supervision of this construction. The breaking of one of these dams in after years would mean a wholesale destruction of life and property. And aside from the interest the builders have in the construction the people who live below the level of these great reservoirs, as well as the people of the entire state, have an interest in the safe construction of these great dams.

William Randolph Hearst comes forward to defend the country against the federalistic tendencies of President Wilson. And this federalistic tendency is the reading of his message to Congress in which he follows the custom instituted by Washington and Adams.

Hearst has his cartoonist, Frank Oppen, depict Bryan as carrying a mallet with which he is waiting an opportunity to rap the president. Here is Willie Hearst's first opportunity and he takes it to criticize the president in his cowardly way and raise a great commotion over something that is of relatively little importance.

Washington and Jefferson delivered their messages to Congress in person

as was the custom in England. Jefferson, being imbued with the democratic ideas of the French republic, a doctrinaire in political government, a splendid writer and a poor speaker he discarded the custom instituted by his predecessors. President Wilson has seen fit to revive it and there is no reason why he shouldn't.

Progressive voters have entertained doubts as to whether or not President Wilson would be able to assume such leadership in his administration as to effect needed reform legislation. Apparently he has risen to the occasion and has rightly assumed to be his own boss and take the leadership of his party that the occasion demands. He has come before the legislators in the attitude of a prime minister seeking to enact the remedial legislation which his electoral platform promised. Hearst, true to his traditions, seeks to disintegrate his following so far as he is able, and play into the hands of the trusts and special interests that sought to capture the Baltimore convention. The plan of Hearst and his trust allies was broken at Baltimore. This is his first opportunity to hit Wilson by his yellow journalism and he loses no time in turning traitor to the man he ostensibly espoused. It is some satisfaction to see Wilson assume this leadership. It will exalt him in the minds of all intelligent and right thinking people to see that he has incurred the enmity of Hearst and all his kind.

The last issue of the Scientific American contains an article on the Municipal need of Technically trained men. The Mayor of Philadelphia therein sets out the need of technical men in the several departments of that city. Sanitary engineers, civil and electric engineers and men scientifically trained are demanded in all the departments. Efficiency demands the best men in places of responsibility.

Along this line Professor Boker of the State University, has introduced a bill to provide for a school for civil service. That is a department to train men for efficient public service in the offices of the state and cities and give to the detail of government the same skilled training that is demanded in other lines of technical training. With the farther differentiation of labor there is increased demand for men technically trained in all departments.

MIGHT JUST AS WELL HAVE BEEN POOR.

"Mr. Morgan's death was due to lack of nourishment," a Rome dispatch says. There seems to be a lesson, or a moral, or a sermon or something in the fact that the world's most eminent financier died from lack of food.

Report Of Committee On Government Architecture---A. I. A.

Mr. President and Members of the Institute:

The American Institute of Architects stands as the recognized champion of architecture in America, and if the important influence of this great fine art in the upbuilding of our national life is misunderstood, or is not appreciated by the American public, the responsibility rests upon us and we have failed in our self-appointed task.

That this is happily not the case is apparent from the most casual comparison of the greater public and private works undertaken today with similar undertakings at the time of the Institute's foundation, and the even more significant comparison of ecclesiastical, educational, commercial and domestic works of the same periods.

In all this the Institute has played a leading part and has ever, through its officers and committees, lent its aid and influence to every effort to make the architecture of this country a worthy monument to the highest standards of the civilization which it unconsciously but permanently records.

While we are all familiar with such notable work as that in connection with the movement for the preservation of Major L'Enfant's plan of the city of Washington, the establishment of the Fine Arts Commission, etc., few realize how often the Institute, through its representatives, has plead the cause of a nobler architecture before committees of the National Congress and before commissioners in charge of State and municipal works, and the fact that almost daily members of the Institute throughout the country are urging the Institute's plea for the highest type of practice upon those entrusted with the erection of almost every type of structure.

No class of construction is far more reaching in its immediate influence than the public works constructed for the people collectively by their chosen representatives, and of these none are more important than those created by the Federal Government. The American Institute of Architects has long urged that the structures should represent the noblest expression of American civilization in design and scientific planning, not only because they are enduring evidences of America's status in the world's artistic progress and because of their powerful influence locally, but also because structures so designed and planned have always been the most economically constructed and maintained. This latter fact is universally recognized in the construction and maintenance of engineering works and public utilities generally.

Let us therefore consider the manner in which these great public works are conceived and brought to completion, as this is the particular department of the Institute's activities committed to your committee on Government architecture.

In the first place, Congress has full authority over the entire question, and may, in making appropriations for any public work, specifically set forth in detail the manner in which the work shall be conducted both in design and

execution. This direct method has very rarely been adopted, and if adopted frequently, would very shortly disclose the necessity of a carefully devised system, resulting, through the power of precedent, in an established standard of Government practice.

This direct method has been advanced by the present Congress as an argument for the repeal of the Tarsney act, and as a means for keeping the control of public constructions more directly in the hands of Congress.

The practice has been in the past and, for all but a few unusually important works, will undoubtedly be in the future, to leave the administration of appropriations for public constructions to the various executive departments of the Government directly interested, unless legislation is enacted, fixing the procedure in all cases.

In the absence of such legislation, and with the repeal of the Tarsney act, the great bulk of Government constructions will be directly undertaken by the various departments, a system which today results in the design and construction of buildings for the Navy Department by the bureau of yards and docks and which places future buildings of the Treasury Department altogether in the supervising architect's office, a condition very similar to that existing in 1894 and 1895 when the late Mr. John M. Carrere was under consideration for the office of supervising architect. The conclusions reached by Mr. Carrere at that time are of especial interest today, as he was reviewing a condition which it is now proposed to return to with the repeal of the Tarsney act. The following quotations are taken from Mr. Carrere's letter to the Secretary of the Treasury dated January 28, 1895:

"I have had every opportunity owing to your courtesy to investigate the office and have been trying for the last two weeks to convince myself that under certain conditions which I asked for and which I understand you are prepared to grant, I might accept the office with a fair chance of accomplishing the purpose which both you and the profession have in mind, namely, to raise the artistic standards of our public architecture.

"In my anxiety to respond promptly and fully to the confidence which has been placed in me, I have at times thought that the task might at least be attempted, and have stood ready to accept the office. After further reflection, and after having fully explained the situation to several leading architects of the country, and after consultation with them I am now convinced that if I should accept the office and meet with even partial success, I would be defeating the true object which both you and the profession have in view. To our minds the undertaking is a physical impossibility and must fail.

"Any man, no matter what his ability or his power for work and concentration, and no matter what conditions might be offered to him, even those of absolute responsibility and absolute authority, would have to de-

vote himself either to managing the office, allowing the designing to be done by draughtsmen, as at present, or to designing, allowing the office to be managed by heads of departments, as at present, and no man of ability, with a reputation to lose as an artist, would be presumptuous enough to accept the office, even if his duties were confined to the designing, irrespective of any other work or responsibility, because it is absolutely beyond the grasp and the ability of any man who has ever lived to imprint his personality upon this much work, and much less to design it and study it himself.

"The time must come, I believe it has come, when this work should be divided and entrusted to the best architects in this country, as suggested by the bill proposed by the architects, and known as the McKaig bill, leaving the administrative portion of the work only in the hands of the Government, where it belongs.

"My examination of the office and its possibilities convinces me that the underlying principle upon which it is based is radically wrong, and that it is beyond the power of any one man to make a success of it. The system, not the man, should be changed.

The bill referred to by Mr. Carrere as the McKaig bill provided for the appointment by the President, with the approval by the Senate, of a commission of three architects, to prepare programs, conduct competitions and select architects for public buildings.

This bill was drafted by the permanent committee of the Institute consisting of Mr. Bruce Price, chairman; Mr. E. H. Kendall and Mr. John M. Carrere, acting with an advisory committee consisting of Mr. R. M. Hunt, chairman; Mr. Chas. F. McKim and Mr. George B. Post. The original draft was revised a number of times by these committees and by the Treasury Department and was introduced into the House by Mr. McKaig and into the Senate by Senator Brice. It is known as House bill No. 7470, Fifty-third Congress, first session. It received the approval of the Secretary of the Treasury and passed the Committee on Public Buildings and Grounds of the House.

The following quotations from the House committee's report are interesting:

"Your committee does not believe that the beneficial results that should be obtained are obtained under the present existing methods of planning and constructing public buildings of the United States.

"While the employment of the best artistic thought, the best and most approved systems of construction and equipment ought to be represented in the public edifices of this great nation, the contrary to these propositions is the result obtained under existing methods.

"Your committee are advised that the best and highest types of artistic thought and architectural skill in European countries is found in the government buildings of those countries, while in this country the reverse is the

rule, and superiority of architectural design is represented in State, municipal and private buildings, and not those erected by the general Government.

"A comparison of other modern buildings erected by private citizens and corporations with those belonging to the Government of the United States will show, as to the former, constant progress in construction and artistic expression, while in the case of the buildings of the United States there has been but little, if any, advancement. The buildings constructed recently by the United States, as compared with those constructed a quarter of a century ago, show a marked deterioration of artistic quality. The cost has been relatively and positively much greater than private buildings of the best type.

"The conditions and results which your committee thus call to your attention necessarily follow the methods and practices now employed by the Government. . . . It now transpires that the time of the supervising architects is wholly employed in matters of administrative detail, and the architectural work of the office, the plans, designs and specifications, are prepared by mere copyists, cheap clerks. . . .

"The supervising architect rarely sees one of these buildings while in the course of construction. Its construction is generally under the supervision of some local carpenter or builder, who never made any pretense to architectural knowledge or study, whose appointment was secured not because of his skill, but because of the political influence he could marshal, and whose greatest solicitude is to prolong the tenure of his employment by delaying the completion of the work.

"A building which, if the property of a private citizen, would be constructed in months, when erected by the Government requires years for its completion. . . . A public building at Detroit, Michigan where the construction was authorized eleven years ago and \$1,200,000 appropriated by Congress years since, the foundation walls are not yet completed.

"The scope and purpose of the measure herewith presented is designed to remedy the many evils herein pointed out. To give the country a better type of architecture in its buildings and to stop the wasteful extravagance which is the necessary result of the present methods. . . .

"The measure does not abrogate or take from the supervising architect any of the functions or authority belonging to the office which under existing conditions he is capable of performing. He will remain and continue the representative of the Government and perform all the duties that now pertain to his office excepting the designing and preparation of drawings and specifications for such buildings, and the local supervision shall be subject to his approval. . . .

"In fact, this measure is intended to make him what the title of his office indicates, the supervisor of architects, not the Government's architect, but the supervisor of the architects of the Government's works.

"Therefore your committee recommended the passage of the bill."

This report in full is known as Fifty-

third Congress, second session, H. R. Report 1370.

With the failure of this bill the Tarsney act remained as the only channel through which the Government could avail itself of the services of the most skillful architects among its citizens, and during the past fifteen years a number of notable buildings have been designed and erected under the provisions of this act by architects in private practice. These buildings need no defense and mark an epoch in the history of our National architecture. Their influence was almost immediately apparent in the work of the Government departments, and has already raised the standard of public works so high as to create in the minds of the unthinking the belief that this standard will continue after the standard bearers have been removed and the deadly pall of bureau methods settles again with all its depression upon the public architecture of our land.

Some two years ago, while your committee were endeavoring to bring about changes in the regulations governing the procedure under the Tarsney act with the hope of making it a still greater power for the uplift of our public architecture, it became apparent that a formidable movement for the repeal of the Tarsney act was under way, resulting in the introduction of two bills at different times into the House, proposing its repeal. Your committee compiled a careful analysis of the whole situation showing the benefits and economies resulting from the operation of the act. This information was brought to the attention of members of Congress with the thought of defending the act in committee hearings. Neither of these bills, however, was reported by committee, and no further action was taken until a repealer again appeared as a rider to the sundry civil bill in the last days of the last session. Although the time was very short, your president appointed a special committee, with Mr. J. H. Rankin as chairman, to defeat the act and point out its many advantages to members of Congress.

The excellent report of this committee has been published in the daily and architectural press and is familiar to you all, and notwithstanding the repeal the statements made in that report remain unanswered to this day.

This convention is confronted, therefore, with a condition of which it must take cognizance, and your committee on Government architecture recommends that this convention shall by resolution call to the attention of our Senators and Representatives in Congress and to the attention of the public press of the entire country the necessity for legislation covering the whole field of public constructions, to the end that our cities, our buildings, our monuments shall be representative of the art, the science and the progress of our civilization, and that the fine arts shall be recognized as the vital part of our National life and a powerful factor in the education of future generations.

Your committee believes that the time has arrived in the artistic development of America when an act similar to the Tarsney act would be of little value, and that even the enlarging of the powers of the Fine Arts Commis-

sion to include a veto power over the design of proposed public buildings will not meet the necessities, but that if we are to place this country abreast of the countries of Europe we must have a department of our National Government performing all the functions of similar departments abroad, encouraging and fostering the study of the arts and charged with preservation of our historic National monuments.

Respectfully submitted,

(Signed) E. A. CRANE,
J. B. NOEL WYATT,
M. B. MEDARY,

Chairman,

Committee on Government Architecture.

Note: The committee appointed by the president to consider reports of standing committees submitted the following recommendations to the convention, which were adopted with the report of the committee:

On Government Architecture.—The Committee on Government Architecture has recommended that this convention shall by resolution call to the attention of our Senators and Representatives in Congress, and to the attention of the press throughout the country the necessity for legislation covering the whole field of public constructions.

We endorse this recommendation and recommend further that our several chapters, through their proper committees for such duty, be urged to keep the necessity of such legislation continually emphasized through the medium of the press in their several locations and by the influence of their Congressmen.

As a basis for definite future guidance we recommend that the Committee on Government Architecture prepare and submit to the Board of Directors some plan of action or form of legislation upon which the entire profession and all others interested in better Government architecture can unite as a measure to be adopted by the Government.

THE PURPOSE OF TOWN PLANNING.

We desire to give the people full and free access to their work and the fullest opportunity to go quickly from and to their homes in following their work. We desire that they shall lose as little time as possible, and yet that they may have access to light and air and the fullest opportunity to develop their own and their children's lives in the country fields. We desire to have the experience of the past united with the experience of all our fellowmen in our towns and cities to provide such dwellings for the future race as shall make the dirt, squalor and disease of the slums pass away like an ugly dream of the night. And therefore, while I feel utterly unable to pronounce any opinion upon the vast schemes which you have sent to us, we hope that it will not be so much a question of palatial building as of seeing that everyone, even the poorest inhabitant within your borders, has the health, wealth and development of human life fitting him to a good citizen of this community.—Extract from address of W. G. Wilkins, of England, before the City Club, Chicago.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

FRESNO, FRESNO CO., CAL.—Apartment house, 2 story and base, frame. Cost not stated. Architect, Gene Mathewson, Fresno. Owner, I. Klinspel. The building will be erected at the corner of Stanislaus and L streets, and will contain a number of modern two, three and four room suites. All apartments will have connecting baths and wall beds. A central heating system will be installed. Interior finish will be of pine and hardwood veneer. Oak floors will be used in some of the rooms. Baths will be wainscoted with tile. The exterior of the building will probably be covered with cement plaster. Plans are being prepared.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 7 story and base, reinforced concrete. Cost not stated. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, E. Tine-rat. The building is to cover an area of 60x90 feet and will contain a total of 140 rooms, which will be arranged in two and three room suites. Besides these suites plans provide for large amusement rooms, social hall and lobby. There will be steam heat, elevator service, vacuum cleaning system and wall beds. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, P. E. Weaver, Citizens' National Bank Bldg., L. A. Owner, W. P. Mauer. The building has been designed to contain a total of eighty rooms, which will be arranged in two and three room suites. All suites will have wall beds and private baths. Interior will be finished in pine and hardwood. Bath rooms will have cement floors and tile wainscot. There will be steam heat and elevator service. A vacuum cleaning system will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, C. S. Klous. The building will cover an area of 50x125 feet. Interior will be arranged for 58 rooms in two and three room suites. There will be wall beds, private bath rooms, steam heat and a vacuum cleaning system. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are complete and the architect is taking figures on the work.

PORTLAND, ORE.—Apartment house, 5 story and base, brick and steel. Cost not stated. Architect, R. F. Wassell, 555 Yamhill St., Portland. Owner, R. F. Wassell. The building will cover a ground area of 100x100 feet. Interior has been arranged for two and three room suites. All apartments will have connecting baths and disappearing beds. Plans provide for steam heat, elevator service, a vac-

uum cleaning system and hot water supply. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile. Stairways will be of concrete. The exterior will be faced with pressed brick. Plans are complete and figures are being taken for the various parts of the work.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architect, M. S. Yeager & Co., Trust & Savings Bldg., L. A. Owner, Howard W. Squires. The building will be 80x145 feet in size and has been resigned to contain 108 rooms, which will be arranged in two and three room suites. There will be steam heat, elevator service, a vacuum cleaning system and other modern improvements. All suites will have private baths and will be equipped with wall beds. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are in the hands of the owner who is taking figures for the work.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, reinforced concrete. \$80,000. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owner, Mrs. Ira Hanst. Contractors, Kling Co., Union League Bldg., L. A. Contract price, \$80,000.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$45,000. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$45,000.

BANKS.

RIVERBANK, STANISLAUS CO., CAL.—Bank, stores and offices, 2 story and base, brick and concrete, \$35,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, First National Bank of Riverbank. The building will be erected on a corner site and will cover an area of 50x150 feet. Besides the bank, plans provide for four stores on the first floor. Bank will occupy the corner and will be handsomely finished in hardwoods, tile and marble. There will be four vaults and a large safe. Upper floor will contain offices and apartments. There will be wall beds. Interior finish will be of pine. A hot water system has been specified. Exterior of the building will be faced with pressed brick. Work will be done by Day Labor, all contracts for materials being handled through the architect's offices. Plans are nearly complete.

BRIDGES, DAMS AND HARBOR WORK.

ORLAND, GLENN CO., CAL.—Bridges, 5, concrete and frame. Cost not stated. Engineer, County Surveyor, Willows. Owners, Glenn County. Plans have been approved and bids will be opened on May 5th for the construction of five bridges. The largest of these structures will be erected near Orland across Stany Creek and will cost in the neighborhood of \$150,000. The other four bridges are much smaller. Sep-

arate bids will be taken for each bridge. Plans and specifications can be secured from the County Clerk or the County Surveyor at Willows.

PORTLAND, ORE.—Bridge, steel span, \$1,200,000. Engineer, Rudolph Modjeska, Chicago. Owners, Multnomah and Clarke Counties. A tentative plan for a 24-foot bridge to span the Columbia River between Vancouver, Wash., and Portland, Ore., has been approved by the Interstate Bridge Commission, and detail plans are to be submitted at once for approval. Clarke County is to raise \$500,000 and Multnomah County \$700,000.

CHURCHES.

SAN FRANCISCO—Church, 2 story frame construction. Cost not stated. Architect, Herbert B. Maggs, 125 Alpine St., S. F. Owners, African Methodist Church. The building will be erected on the property of the congregation on Powell street north of Jackson, and will cover an area of 46x114 feet. There will be a large main auditorium, Sunday school rooms, parlors and pastor's study. Interior finish will be of pine throughout. The exterior of the building will be faced with either shiplap or metal lath and plaster. Plans have been prepared.

BAKERSFIELD, KERN CO., CAL.—Church, 2 story and base, brick, \$25,000. Architect, Thomas B. Wiseman, Producers' National Bank Bldg., Bakersfield. Owners, First Presbyterian Church. This work has been mentioned here before. Plans have been completed and are now in the hands of the Building Committee for approval. Bids will be called for as soon as minor details can be changed. The site of the new edifice will be at the corner of 15th and H streets.

COURT HOUSES.

NEVADA CITY, NEVADA CO., CAL.—Court house and jail alterations, concrete and brick construction. Cost not stated. Architect, William Mosser, Nevada Bank Bldg., S. F. Owners, Nevada County. Plans for an addition to the County Jail building and for extensive alterations to the present Court House have been completed by the architect. Contracts for the work will be let through the Clerk of the Board of Supervisors. Bids will be called for at once.

FACTORIES & WAREHOUSES

SAN FRANCISCO—Factory addition 2 story, concrete. Cost not stated. Architects, Righetti & Headman, Pheasant Bldg., S. F. Owner, G. Ratto. The present plant is located on Valencich street near 19th. The additional stories will be constructed on top of the one story building now used by Mr. Ratto. Exterior will be faced with cement plaster. Interior finish will be of pine. Plans are complete and in the hands of the owner, who is taking figures for the work.

SAN FRANCISCO—Laundry and stable, 1 and 2 story brick construction \$25,000. Architect, William H. Crim Jr., 425 Kearny St., S. F. Owner, Edward Rolkin. The buildings together will cover an area of 87x275 feet. The main structure will be one story in height. Stable will be two stories high, the upper floor being arranged

for living rooms. Interior finish will be of pine and redwood. The estimated cost does not include a large amount of machinery which will be installed. Exterior of the buildings will be faced with stock brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Factory, 5 story and base, brick, \$50,000. Architects, Root & Hoove, Commercial Club Bldg., Portland. Owners, Modern Confectionery Co. The main building, five stories high, will cover an area of 70x100 feet, besides this there will be a one story boiler room and shipping department, 30x100 feet. Construction will be of the heavy mill type. Exterior of the buildings will be faced with pressed brick. There will be a large elevator and metal window sash and frames. Plans are being prepared.

FLATS.

SAN FRANCISCO—Flat alterations and additions, frame construction, \$2,000. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Johanna Costello. The work will include raising the present building and constructing new portion on the street grade. There will be new plastering, painting, plumbing and interior finish. Exterior will be covered with rustic and ship-lap. Plans are complete and figures are being taken.

SAN FRANCISCO—Flats, 2 story and base, frame, \$5,000. Architect, none. Owner, Charles W. Higgins, 1306 Shrader St., S. F. The building, which has been designed to contain two flats, will be erected on 17th avenue, south of Lake street. Each flat has been arranged for five rooms and bath. Interior finish will be of pine with hardwood floors in the living rooms, dining rooms and reception halls. Open fire places and brick mantels will be used. The exterior of the building will be covered with brick veneer and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$2,000. Architect, none. Owner, Charles Michelsen, 446 27th St., S. F. The building will contain two flats of four and five rooms each with bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. There will be either gas grates or open fire places. Mantels will be of tile or brick. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with ship-lap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,850. Architect, none. Owner, Patrick M. McDonnell, 3037 24th St., S. F. The building has been de-tic and cement plaster. Plans are flats with baths. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Tile will be used in the baths and kitchens. The building will cover an area of 25x61 feet. Exterior will be covered with ship-lap and brick veneer. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, Sidney B. New-som, Nevada Bank Bldg., S. F. Owner, George Spencer. A two-story frame

dwelling located at 3100 Benevenue avenue will be altered into a modern flat building containing 18 rooms. Extensive additions will be made. Interior finish will be of pine and redwood. Each flat will contain six rooms and bath. There will be some hardwood floors. Open fire places will be used in all living rooms. The exterior of the building will be covered with rustic and cement plaster. Plans are ready for figures.

GARAGES.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, Frank M. Tyler, Hibernian Bldg., L. A. Owner, C. F. Stuart. The building, which is to be designed for a commercial garage, will cover an area of 51x100 feet. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. As soon as plans can be completed bids will be taken by the owner.

GOVERNMENT WORK AND SUPPLIES.

Puget Sound, Pier No. 4.

The chief of the bureau of yards and docks, Navy Department, Washington, D. C. has accepted the bid of the Erickson Construction Co., Seattle, Wash., \$166,331.60 in amount, for the construction of pier No. 4 at the navy yard, Puget Sound, Wash.

Reclamation Work.

The director of the Reclamation Service is advertising for bids for the construction of about four miles of the North Canal and about ten miles of laterals in connection with the Belle Fourche irrigation project, South Dakota. The work includes the excavation of about 147,000 cubic yards of material and is situated north and west of Newell, S. D. The bids will be opened at the office of the Reclamation Service at Newell, S. D., on May 8.

Cement.

Bids for 100,000 barrels cement were received by Jay J. Morrow, major of engineers, U. S. army, Portland, Ore., on March 10, as follows:

Item 1, rate; 2, amount; 3, brand; 4, weight per barrel; 5, allowance on sacks returned; 6, location of mill.

Union Portland Cement Co., Ogden, Utah, f. o. b. mill, item 1, \$1.45; 2, \$145,000; 3, Red Devil; 4, 380 pounds; 5, 10c; 6, Devil's Slide, Utah.

Three Forks Portland Cement Co., Ogden, Utah, f. o. b. mill, item 1, \$1.55; 2, \$155,000; 3, Red Devil; 4, 380 pounds; 5, 10c; 6, Trident, Mont.

F. T. Crowe & Co., Portland, Ore., f. o. b. Cello or The Dalles, Ore., item 1, \$2.54; 2, \$254,000; 3, Santa Cruz (Cal.); 4, 376 pounds; 5, 10c; 6, Davenport, Cal.

F. T. Crowe & Co., Portland, Ore., f. o. b. Cello or The Dalles, Ore., item 1, \$2.54; 2, \$254,000; 3, Standard; 4, 376 pounds; 5, 10c; 6, Napa Junction, Cal.

Riverside Portland Cement Co., Riverside, Cal., and Portland, Ore., f. o. b. Cello or The Dalles, Ore., item 1, \$2.48; 2, \$248,000; 3, Riverside; 4, 380 pounds; 5, 10c; 6, Riverside, Cal.

Tulalip Indian School.

The following bids were received by the commissioner of Indian affairs, Department of the Interior, Washington, D. C., April 7 for the construction of an addition to frame school house and the installation of an extension to the water system at the Tulalip Indian School, Wash.:

J. L. Murphy & Son, Tacoma, Wash., water system, \$11,804.10.
Eckman & Mowat, Seattle, Wash., water system, \$9,335.

Des Moines Bridge and Iron Co., Des Moines, Iowa, water system, \$7,600; water tower only, \$4,400.

W. D. Lovell, Minneapolis, Minn., addition to schoolhouse, \$9,800; for hardwood floors, add \$250; water system, \$7,400.

Radio Towers, Panama.

The date for the opening of bids for the construction of radio towers at Panama, Canal Zone, has been postponed from April 12 to May 3.

Pearl Harbor, H. T., Dump Cars.

The following bids were received by the chief bureau of yards and docks, Navy Department, Washington, D. C. on April 5 for furnishing 20-yard air dump cars for delivery at the naval station, Pearl Harbor:

Item 1, 30 cars, in knock-down condition, delivered at Pearl Harbor; 2, 15 cars, in knock-down condition at Pearl Harbor.

Wm. J. Oliver Mfg. Co., Knoxville, Tenn., item 1, \$65,890; 2, \$33,310.

Western Wheeled Scraper Co., Aurora, Ill., item 1, \$72; alternate, item 1, \$65,200.

Orenstein-Arthur-Koppel Co., Koppel, Pa., item, 26-ft bed, \$2,756 ea; 30-ft bed, \$2,800 ea; item 2, 26-ft bed, \$2,830 ea; 30-ft bed, \$2,873.

Transformers, Etc.

The following bids were opened on May 10 at the office of the U. S. reclamation service, Los Angeles, Cal., under advertisement No. 174, for furnishing transformers, etc., as follows:

Item 1, 3 25-K. V. A. single-phase transformers, complete; 2, 3 3,000-volt choke coils; 3, 30,000-volt fused air brake switch.

B. F. Kierulff & Co., Fort Wayne, Ind., item 1, \$960; delivery, Fort Wayne, 42 days.

Pittsburgh Transformer Co., Pittsburgh, Pa., item 1, \$1,044; at Pittsburgh, 80 days.

Allis-Chalmers Co., East Norwood, Ohio, item 1, \$1,050; at East Norwood, 60 working days.

Crocker-Wheeler Co., Ampere, N. J., item 1, \$1,218; at Ampere, 75 days.

Westinghouse Electric and Mfg. Co., Pittsburgh, Pa., item 1, \$1,329; 2, \$113,85 and \$125; weight, 375 pounds; 3, \$125; weight, 400 pounds; all deliveries Pittsburgh; item 1, in 80 days; items 2 and 3, 40 days.

Wagner Electric and Mfg. Co., St. Louis, Mo., item 1, \$1,335; at St. Louis, 60 days.

Charles Farnham Electric Mfg. Co., San Francisco, Cal., item 3, \$116.23; weight, 625 pounds; 10 days.

Railway and Industrial Engineers Co., item 2, \$125; weight, 400 pounds; item 3, \$115; weight, 400 pounds; delivery at Pittsburgh, 30 days.

Casper, Wyo., Construction.

The following bids were opened April 7 at the office of the supervising

architect, Treasury Department, Washington, D. C., for the construction of the U. S. post office at Caspar, Wyo.:
 Bid 1. King Lumber Co., Charlottesville, Va.

2. J. F. Jenkins & Co., Ocala, Fla.
 3. W. D. Lovell, Minneapolis, Minn.
 4. J. H. Wiese, Omaha, Neb.

For using limestone for all stonework, except where granite is required—Bid 1, \$56,000; 2, \$60,750; 3, \$66,000; 4, \$69,295.

For using Newcastle (Wyo.) white sandstone for all stonework, except where granite is required—Bid 1, \$60,000; 2, \$61,750.

For alternate A (substituting terrazzo tile for terrazzo field and marble borders and strips for all toilet and lobby floors, as specified) add—Bid 1, \$250; 4, \$300; Deduct—Bid 1, \$150.

For alternate B (substituting macadam for concrete driveway inside of lot line, as specified), deduct—Bid 1, \$300; 2, \$400; 3, \$500; 4, \$580.

For alternate C (substituting stone for all exterior ornamental terra cotta, as specified), add to limestone bid if same stone is submitted—Bid 1, \$1,800; 3, \$1,500. Add to Newcastle (Wyo.) white sandstone bid, if same stone is substituted—Bid 1, \$2,200; 2, \$1,500.

For alternate D (substituting Keene's cement for all plastering, as specified), add—Bid 1, \$800; 2, \$500; 3, \$700; 4, \$500.

For alternate E (substituting terra cotta for reinforced concrete construction of first and mezzanine floors, as specified), add—Bid 1, \$300; 2, \$500; 3, \$250; 4, \$1,500.

For alternate F (substituting galvanized sheet metal for wood covering of exterior of mailing vestibule, as specified), add—Bid 1, \$400; 2, \$150; 3, \$200; 4, \$500.

SAN FRANCISCO — Supplies for transports. Cost not stated. Engineer, Donnelley, Transport Docks, S. F. Owners, United States Government. Four of the big United States Army Transports, the Sheridan, the Logan, the Thomas and the Sherman, are undergoing extensive repairs. Orders are now being placed through Col. Knight's office, Transport Docks, for a large amount of supplies and materials, which include many of interest to the building trade. Douglas plumbing goods are specified. There will be a large amount of paints, oils, and steel. Compolite flooring, electric supplies and lighting fixtures, plate and other glass, radiators, asbestos, paper damp-proof, ornamental iron and bronze, safety stair treads, blowers for ventilating, etc. Engineer Donnelly is in charge of the work.

SAN FRANCISCO — Oil burning equipment, etc. Cost not stated. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. The following contracts have just been awarded by the Constructing Quartermaster at Fort Mason: Installation for oil burners at Presidio and Fort Winfield Scott to American Heat and Power Co. at \$20,100; installation of oil burners at Fort Baker to S. T. Johnson Co. at \$6,380; pipe line for oil at Fort Baker to Pringle Dunn & Co. for \$1,295; concrete reservoir for oil at Fort Baker to Contra Costa Construction Co. at \$2,500 and machinery for same to Contra Costa Construction Co. at \$850; oil burners in Commanding General's quarters at Fort Mason to American Heat &

Power Co. at \$290; grading parade ground at Fort Winfield Scott to E. M. Hughes & Co. at \$6,086; construction of roads, walks and gutters at Letterman General Hospital to Francis Zoke at \$4,575.

HALLS AND SOCIETY BUILDINGS.

BERKELEY, ALAMEDA CO., CAL.—Club house, 3 story and base, frame, \$20,000. Architects, Parker & Kenyon, 241 Kearny St., S. F. Owners, Twentieth Century Club. This work has been mentioned in these columns before when plans were first out for figures. Several changes have been made and new figures will be called for at once. The building will contain a large meeting room, library, social hall, dining room and complete kitchen equipment. Interior will be handsomely finished in pine and hardwoods with hardwood floors throughout. A central heating system will be installed. The exterior of the building will be covered with cement plaster and stingles.

ALHAMBRA, LOS ANGELES, CO., CAL.—City hall, 2 story and base, brick and steel. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, City of Alhambra. Bids opened for the construction of this building recently were found to be above the amount available for construction and were therefore rejected. Plans will be revised at once and new bids will be called for shortly. No figures were made public.

Contracts Awarded.

TAPT, KERN CO., CAL.—Lodge hall, 3 story and base, brick, \$20,000. Architect, J. M. Safell, Bakersfield. Owners, Odd Fellows' Hall Association. Contractor, Seymour, Bakersfield. Contract price, \$20,000.

HOSPITALS.

FULLERTON, LOS ANGELES CO., CAL.—Hospital, 2 story and base, frame. Cost not stated. Architect, C. E. Shattuck, Mason Bldg., L. A. Owners, Fullerton Hospital Association. The building will contain two wards, a number of private rooms, operating room and nurses' quarters. There will be a central heating system. Interior will be finished in pine and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SEATTLE, WASH.—Hospital group, 5, 1 and 2 story brick and terra cotta buildings. Cost not stated. Architect, Daniel Huntington, Seattle. Owners, Seattle Tuberculosis Hospital. These buildings, which comprise a county institution, are to be erected at Richmond Heights. There will be two one-story and base outdoor pavilions, each 129x292, one two-story and basement hospital building, 78x252, a two-story, attic and basement administration building, 40x175, and a power house. Exteriors of all buildings will be faced with pressed brick and cement plaster. Plans will be completed this month and bids will be called.

24th for the construction of a pile foundation for the Fine Arts Building. Plans can be secured from the Director of Works. Proposal appears in another column of this issue.

SAN FRANCISCO—Excavating for foundation. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the excavation of the foundation for the Exposition Auditorium, which is to be erected in the Civic Center, have been completed. Bids for the work will be opened on May 1st. The Exposition Auditorium will be a permanent structure, costing in the neighborhood of \$1,000,000. Plans for the building were prepared by associated architects, John Galen Howard, John Reid, Jr., and Frederick H. Meyer. The official proposal appears in another column of this issue.

HOTELS.

SAN FRANCISCO—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, S. Rudee. The building will be erected on the west side of 4th street, 50 feet north of Folsom, and has been designed for stores on the first floor and a number of modern hotel rooms above. Interior will be finished in pine throughout. Hot and cold running water will be supplied to all rooms. There will be metal window frames and sash and iron fire escapes. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Hotel, 3 story and base. Class C construction, \$20,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Louis Friedman. This work has been mentioned here before when plans were first started. The building will be erected at the northeast corner of Bush and Grant avenue, and will contain stores besides the hotel lobby on the first floor. Upper floors will be arranged for a number of single rooms and several baths. Interior will be finished in pine throughout. There will be a hot water system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel alterations and additions, frame construction, \$3,000. Architect, none. Owner, Charles Katz, 1202 Dolores St., S. F. This work will include remodeling a two-story frame building on Mission near 15th. The first floor will be arranged for stores and upper floor for rooms. Exterior will be covered with cement plaster on metal lath. Interior finish will be of pine. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Hotel, 3 story and base, reinforced concrete, \$11,000. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Nathan Haas. The building is to be erected on the west side of Jones street near O'Farrell, and will contain two stores on the first floor and a number of single rooms above. Interior finish will be of pine throughout. All rooms will be supplied with hot and cold running water. Exterior of the building will be faced with cement plaster. Plate glass in patent fronts will be used on the first floor. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Hotel, 6 story and base, brick and steel, \$60,000. Architect, William Wilde, Albany Bldg., Oakland. Owners, Frank Pereira Realty Co. The building is to be erected at the southeast corner of 5th and Wash-

ington streets and will cover a considerable ground area. Several stores, the hotel lobby and offices will occupy the first floor. Upper floors will be arranged for about 120 guest rooms, a number of which will have connecting baths. Plans include steam heat, elevator service, vacuum cleaning and a hot water system. Oil burning furnace will be installed. Baths will have tile floors and wainscot. The exterior of the building will be faced with pressed brick. Interior finish will be of pine and hardwood. Ornamental plaster will be used in the lobby. Bids are now being taken on the structural steel, and figures on the general contract will be called for shortly.

OAKLAND, CAL.—Hotel alterations, \$15,000. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owners, Hotel Avalon Co. This work will include new sash and doors, no steam radiators, plumbing, tinting, plastering and electric wor. Plans are ready for figures.

BURLINGAME, SAN MATEO CO., CAL.—Hotel, 3 story and base, frame, \$10,000. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Peter Liberopoulos. The building will contain about 24 rooms besides the office and lobby. Interior finish will be of pine and redwood. Hot and cold running water will be supplied in all rooms. Each floor will have several baths and toilets. Exterior of the building will be covered with shiplap and rustic. Plans are nearly complete and figures will shortly be called.

FRESNO, FRESNO CO., CAL.—Hotel and stores, 2 story, brick, \$12,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, H. Brix. The present two-story store building will be altered and an addition built so that the new building, covering an area of 80x100 feet, will contain four stores and 50 guest rooms. There will be patient store fronts, a hot water system and pine trim. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

VENICE, LOS ANGELES CO., CAL.—Hotel, 6 story and 5 story tower, brick and reinforced concrete, \$350,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, Abbot Kinney Co. The building is to be erected at the northeast corner of Breeze and Ocean Front and will cover an area of 110x110 feet. The main portion of the building will be six stories in height, from the center of which will raise a five-story tower which will also contain a number of hotel rooms. Construction will be fireproof throughout, with exterior walls of brick and concrete, concrete floors and hollow tile partitions. Exterior will be faced with pressed brick. Besides the general office, lobby, parlors and dining room there will be several stores, a cafe and barber shop on the first floor. Upper floors will contain 250 guest rooms, all of which will have private baths. There will be steam heat, oil burning furnaces, vacuum cleaning system and elevators. Metal window frames and sash will be used. Bath rooms will have cement floors and tile wainscot. Plans are being prepared and segregated contracts will be let.

PORTLAND, ORE.—Hotel, 4 story and base, reinforced concrete. Cost not stated. Architects, W. W. Lucius and Aaron H. Gould, Worcester Bldg., Portland. Owner, W. W. Margulius. The building will be erected on a cor-

ner site and will be arranged for stores on the first floor. Basement will be fitted up for public bath and barber shop. Upper three floors will contain a total of 150 guest rooms and a large number of baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine. Exterior of the building will be faced with cement plaster. Bids are now being taken for both a general contract and with the work segregated.

SAN FRANCISCO.—Hotel, 5 or 6 story and base. Class C construction. Cost not stated. Architect, Alfred Henry Jacobs, 110 Sutter St., S. F. Owner, Mr. Andrews. The building will be erected on Jones street near Eddy, and will contain a large number of single rooms, many of which are to have connecting baths. Only preliminary plans have been made and the construction will depend upon the owner and lessees reaching a satisfactory agreement. Further announcement will be given here when the work is ready to progress.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick. Cost not stated. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, G. I. Jacoby. The building will be erected on a corner lot and will be designed to contain 120 guest rooms, all of which will have private baths. There will be steam heat, elevator service and a vacuum cleaning plant. Hot and cold water supply will also be installed. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile. Considerable hardwood and ornamental plaster will be used in the lobby. The exterior of the building will be faced with pressed brick. Plans are being prepared and when complete construction will probably be carried out by the Milwaukee Building Co.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick. Cost not stated. Architect, F. H. Gentry, Pacific Electric Bldg., L. A. Owners, G. Bloom, Dr. J. P. N. Patterson et al. The building will cover an area of 50x125 feet. The first floor will contain seven stores and upper floors in the neighborhood of 56 rooms and baths. There will be steam heat and a hot water system. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

MODESTO, STANISLAUS CO., CAL.—Hotel, 5 story and base, brick and steel, \$75,000. Architect, B. J. Joseph, First National Bank Bldg., S. F. Owner, Mrs. Luella Hughson. Work has been started by Day Labor for the construction of this building. It will be erected at the corner of 10th and J streets and will be arranged for stores and the hotel lobby on the first floor. Upper floors will contain a total of 100 guest rooms and 50 baths. There will be steam heat, elevator service and a hot water system. Exterior will be faced with pressed brick.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, D. F. Hill. This building has been mentioned here before when plans were first started. The structure will be erected at the corner of 6th and Wall streets, and will cover an area of 60x78 feet. The first floor will be arranged for stores and upper floors subdivided into about

120 rooms. There will be steam heat and elevator service. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LIBRARIES.

BAKERSFIELD, KERN CO., CAL.—Library, 2 story and base, brick and steel. Architect, O. L. Clark, Bakersfield. The building is to be erected in East Bakersfield. Working drawings will probably be approved by the Trustees at their next meeting. The building is in the classic style, and will contain the usual library rooms. Exterior will be faced with pressed brick. Bids will be called within a few weeks. Further notice will then be given in these columns.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO.—Liberal Arts building, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for the construction of the Liberal Arts building have been completed and are now out for figures. Plans can be secured from the Director of Works. The building will be erected in the Exhibit Building Section of the Harbor View site. Separate bids are being taken for the general construction, and for the sewer, water and gas piping. The official proposal appears in another column of this issue. Bids will be opened on April 29th.

SAN FRANCISCO.—Pile foundation. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on April 29th.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO.—Railroad construction, \$35,000. Engineer, Engineering Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids for the construction of the Geary Street Municipal Road out 45th avenue and Balboa street from 33rd avenue to the Great Highway were opened at the last meeting of the Board of Public Works. Bids show Healy-Tibbets Construction Co. low at \$34,450 and they were later awarded the contract. A complete list of the figures appears under the heading of San Francisco in this issue.

RESIDENCES.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, Acme Improvement Co., Humboldt Bank Bldg., S. F. The dwelling will be erected on Pluto street and will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in two of the rooms. There will be a large open fire place in the living room. Mantel will be of brick. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Bungalows, 2, 1 story and base, frame, \$1,400 each. Architect, none. Owner, James Hefferman, 59 Santa Marina avenue. These houses will each be arranged for five rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and brick or tile mantels. The exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,000. Architect, none. Owner, Emil Nelson, 580 Jersey St., S. F. The house has been designed to contain six rooms and bath. Interior will be finished in pine throughout with hardwood floors in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Tile will be used in the bath room. The exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, A. Duffie, 685 Dolores St., S. F. The house will contain seven rooms and bath. Pine and redwood will be used throughout for interior trim. There will be some hardwood floors. Tile will be used in the bath room and kitchen. A large open fire place will be a feature of the living room. A brick mantel will be used. Exterior of the house will be covered with klunker brick veneer and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Community residences, 13, 2 story and base, frame, \$25,000. Architect's name not given. Owner, G. T. Knepf, 124 Mesa Ave., Piedmont, Oakland. These houses are to occupy a splendid site on the block at the northeast corner of Lombard and will command a fine view of nearly the entire city and bay. Each of the dwellings will cover an area of 24x33 feet and will contain five rooms and bath. The dwellings will be grouped around an open court and are in the Mission style of architecture. The court will be laid out for gardens and a fountain. Interior finish will be of pine, redwood and some hardwoods. Oak floors will be used in the living rooms, dining rooms and reception halls. A central heating system, which will probably be housed in a separate building, will be installed. Exterior of the group will be covered with cement plaster on metal lath. Each of the living rooms will have a large open fire place with brick or tile mantel. Bath rooms and kitchens will be wainscoted with tile. Plans are in the hands of the owner who is a contractor and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, Mr. Murray. The house will contain six rooms, bath and sleeping porch. Interior will be finished in pine throughout with hardwood floors in the principal rooms. Tile will be used in the bath room and kitchen. There will be furnace heat and open fire place. Mantel will be of tile or

brick. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect Edward T. Foulkes, Crocker Bldg., S. F. Owner's name withheld. The house will be erected in the Claremont Tract, and will contain 11 rooms, baths and sleeping porches. Interior finish will be of pine and hardwood. There will be furnace heat and open fire places. A Rund water heater will be installed. Mantels will be of brick or tile. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, United Builders, 162 Broadway, Oakland. The house will contain seven rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with shingles. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mr. Garrett. The dwelling will be erected on Russell street and has been designed for an eight-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, W. H. Ritchie, First National Bank Bldg., Berkeley. Owner, G. P. Adams. The dwelling will be erected in the Thousand Oaks Tract, and will contain eight rooms, bath and sleeping porch. Interior finish will be of pine throughout. There will be furnace heat and a large open fire place. Mantel will be of brick. Floors in the living room, dining room and reception hall will be of hardwood. Bath room and kitchen will have tile wainscot. The exterior of the house will be covered with shakes. Plans are complete and figures are now being taken by the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, Karl H. Nickel, Syndicate Bldg., Oakland. Owner, C. J. Gordon. The house has been designed for a seven-room dwelling with bath. Interior will be finished in pine throughout with hardwood floors in the two principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, none. Owner, C. M. Johnson, 2317 Carlton St., Berkeley. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine and redwood with some oak floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Bungalows, 2, 1 story and base, frame, \$3,000 and \$3,500. Architect, none. Owners, Flitter and Winlund, 1721 Telegraph Ave., Oakland. These houses will be erected on Ronado street and will contain seven and eight rooms respectively. Interiors will be finished in pine and hardwood. Oak floors will be used in the living and dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms and kitchens will be finished in tile. Rund water heaters are specified. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, Wallace Clark, 1444 Broadway, Oakland. The house will contain eight rooms, baths and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will also be used in the bath rooms and kitchen. Plans provide for an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalows, 1 story and base, frame. Cost not given. Architect, none. The following Day Labor jobs have been reported as about to be started in San Jose: Esilicia Daubs, 993 Prospect St., San Jose, 1 story, frame cottage, \$1,800; W. F. Blakeslee, 436 So. 6th St., San Jose, 1 story frame cottage, \$1,850.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalow, 1 story and base, frame, \$1,500. Architect, R. P. Morrell, Odd Fellows' Bldg., Stockton. Owner, P. L. Miner. The dwelling has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Some oak flooring will be used. There will be an open fire place with brick or tile mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, frame construction. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Nellie S. Smith, 1017 North Center St., 2 story frame dwelling, \$2,500; Mrs. Hickenethan, 623 East Market St., 2 story frame dwelling, \$1,000; Louis McGan, 302 North Stanislaus St., 1 story frame cottage, \$1,000; Joseph Geiger, 125 East Lindsay St., 2 story frame dwelling, \$3,500; E. W. Gibbeau, 945 So. San Joaquin St., 1 story frame

dwell. \$2,000; J. J. Malley, 1818 So. California St., 1 story frame dwell., \$2,000, and E. W. Perkins, 719 East Hazelton St., 1 story frame dwell., \$2,500.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, hollow tile, \$10,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, R. W. Lohart. This dwelling is to be designed for a handsome country home and will be erected on the owner's property near Fresno. Plans provide for twelve rooms, two baths and a large sleeping porch. Interior will be finished in pine and hardwoods. Tile will be used in both bath rooms and in the kitchen. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in all principal rooms. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are now being prepared.

BAKERSFIELD, KERN CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, Matt L. Solomon. The dwelling will be erected on Mr. Solomon's ranch near Bakersfield and will contain ten rooms, baths and sleeping porches. Interior will be finished in pine and hardwood. Oak floors will be used throughout, except in the baths which will have tile floors and wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster. A clay tile roof will be used. Plans are now being prepared.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$10,000. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, Rawland Bishop. Preliminary plans have been prepared for this dwelling, which is to be designed in the true Colonial taken from one of the famous old Virginia homes. Sketches show a total of fourteen rooms, several baths and large sleeping porches. Interior will be handsomely finished in pine and hardwoods with hardwood floors throughout. There will be a central heating system, probably steam. Open fire places are to be installed in several of the rooms with brick and tile mantels. Bath rooms will be finished in tile and will have composition floors. A vacuum cleaning system and other modern conveniences will be incorporated in the plans. Exterior of the dwelling will be covered with shiplap and rustic. Plans are being prepared.

SAN FRANCISCO—Residence alterations and additions, frame construction, \$2,500. Architect, none. Owner, J. R. Mortensen, Rio Vista. This work will include the complete alteration of the interior of the building and extensive exterior alterations. The work will require new plastering, plumbing, electric work, painting and interior finish. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Seible, 363 4th Ave., S. F. The house will be erected at the southeast corner of 25th avenue and Lake street, and has been designed to contain eight rooms and bath. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining

room and reception hall. Plans include furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all kinds of materials.

SAN FRANCISCO—Bungalows, 4, 1½ story and base, frame, \$2,000 each. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners, Atlas Home Builders. These houses will be erected on Lisbon street near Persia. Each will contain six rooms and bath. Interiors will be finished in pine and redwood. Some oak flooring will be used. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owners, who will do the work by Day Labor and who are now purchasing all materials.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Dr. A. A. Solley. The dwelling will be erected in the Bakers Beach Tract, and will be designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, Dr. R. T. Sutherland. The house will be erected in Fourth Avenue Heights, and has been designed for an eight-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be wainscoted in tile. The exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

SANTA CRUZ, SANTA CRUZ CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Chester H. Miller, Foxcroft Bldg., S. F. The house will be designed for a handsome country home, and will contain in the neighborhood of ten rooms, two baths and sleeping porches. Interior finish will be of pine and hardwood with hardwood floors used throughout. Bath rooms will be finished in tile. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN JOSE, SANTA CLARA CO., CAL.—Residences, 2 story and base, frame. Cost not stated. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose:

Frank Peres, 274 North 11th St., 5 room cottage, \$2,000; Joe Banda, 675 North 13th St., 6 room cottage, \$1,800; W. E. Woodhams, 16 West 2nd St., 5 room cottage, \$1,600, and J. J. Hansen, 138 North 16th St., 5 room cottage, \$1,600.

CONCORD, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, W. H. Ratcliff, First National Bank Bldg., Berkeley. Owner, L. Olson. The dwelling will contain eight rooms, baths and sleeping porches. Interior finish will be mostly of hardwoods. Hardwood floors will be used throughout except in the bath rooms which will have composition floor and tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, brick, \$55,000. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owner, J. C. Rives. Contractor, Jacob K. Miller, 1255 Leighton Ave., L. A. Contract price, \$47,570. Garage contract price, \$6,450.

SCHOOLS.

PIEDMONT, ALAMEDA CO., CAL.—School, 2 story and base, frame, \$25,000. Architect, Irwin Schaefer, Bacon Bldg., Oakland. Owners, Town of Piedmont. The building will contain six class rooms and an auditorium. There will be a central heating system. Interior will be finished in pine with some maple floors. Besides the rooms above mentioned there will be two teachers' rooms, library and principal's office. The exterior of the building will be covered with cement plaster on metal lath. A site has been secured at the corner of Lake and Linda streets. Plans are nearly complete and figures will be called for shortly.

Contracts Awarded.

SOUTH PASADENA, LOS ANGELES CO., CAL.—School, 2 story and base, brick, \$51,889. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, South Pasadena School District. Contractors, Long Beach Construction Co., Long Beach. General construction, \$51,889; B. F. Hulse, L. A., heating and ventilating, \$2,249; Crescent Electric Co., L. A., electric work, \$1,532.54; Smith & Coates, L. A., plumbing, \$2,775, and Probst & Son, painting, \$1,975.

LOS ANGELES, CAL.—Normal School group. Class A construction, \$665,000. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, State of California. Contractor, J. F. Atkinson, L. A., general construction. Contract price, \$451,166.

SEWERS, STREET WORK AND WATER SYSTEMS.

TULARE, TULARE CO., CAL.—Water system. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, City of Tulare. Bids will be opened on May 5th at 8 p. m. for the construction of a municipal water system. Plans may be secured from either the City Clerk or from the engineers in this city. Official proposal ap-

pears in this issue. Engineers, Sloan & Robson furnish the following list of quantities for this system: Pipe—4,000 feet of 10-inch, 6,200 feet of 8-inch, 5,100 feet of 6-inch, 50,000 feet of 4-inch. Bids are being taken for both cast iron and steel. Valves—2 10-inch, 12 8-inch, 36 6-inch, 150 4-inch. Hydrants—85 1-way hydrants, 30 2-way hydrants. Plans include the construction of hemispherical bottom steel tank of 150,000 gallons capacity. This structure will be erected on a steel frame with a concrete foundation, and will be 135 feet high.

STANDARD, TOLUENE CO., CAL.—Power plant, concrete and brick. Cost not stated. Architect, William Mooser, Nevada Bank Bldg., S. F. Owners, Standard Lumber Co. Plans have been completed for a one-story and basement concrete and brick power station, which is to be erected at Standard. The building will have a cement floor and steel trussed roof. Exterior will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. A contract for the steel work has already been awarded to the Central Iron Works of this city.

RECLAMATION DISTRICT 70, SUTTER CO., CAL.—Levee work, etc., \$200,000. Engineer's name not given. Owners, Sutter County. The assessment for improvement work in Reclamation District 70, Sutter County, has been placed at \$10 per acre. This totals \$200,000. The greater part of the amount will be spent for levee construction. A. A. McRae, G. R. Boyd and W. J. Wilbur are the assessors.

LINTON, ORE.—Municipal water system, \$100,000. Engineer not given. Owners, Town of Linton. Contractors, James Kennedy Construction Co., Portland. Contract price, \$92,739.

THEATRE

LOS ANGELES, CAL.—Theatre, 2 story and base, brick and concrete. \$25,000. Architects, Train & Williams, Exchange Bldg., L. A. Owner, F. W. Woodley. The building will cover an area of 60x150 feet. Besides the theatre proper, there will be several stores on the first floor. The main auditorium will have a seating capacity of 50 people. Modern plumbing and a ventilating system will be installed. Interior finish will be of pine and ornamental plaster. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and warehouse, 3 story and base, reinforced concrete. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owner, Orville Pratt, Jr. The building will be erected at the corner of Spear and Howard streets and will cover an area of 68 feet 9 inches by 137½ feet. The entire structure has been leased to Hooper-Jennings & Co. Construction will be nearly fireproof. The first floor will be arranged for the general offices of the company, sales rooms and shipping department. Upper floors will be arranged for storage purposes. Plans provide for elevators, spiral chutes, automatic sprinkler system, metal window frames and sash and fireproof doors. Exterior of the building will probably be faced with cement plaster. Plans are being prepared.

BURLINGAME, SAN MATEO CO., CAL.—Stores, 1 story and base, reinforced concrete. Cost not stated. Architect, John J. Foley, 46 Kearny St., S. F. Owner, J. H. Hatch. The building will be erected at the corner of the Middlefield Road and Burlingame avenue. The site is 60x75 feet, and the building will contain two modern stores. There will be plate glass windows in patent fronts. Interior finish will be of pine and hardwood. Exterior of the building will be faced with cement plaster. Plans are being prepared.

BURLINGAME, SAN MATEO CO., CAL.—Store, 1 story and base, reinforced concrete. Cost not stated. Architect, John J. Foley, 46 Kearny St., S. F. Owner, J. H. Hatch. This building will cover an area of 40x60 feet, and will be arranged for one large store. There will be modern store fronts and plate glass windows. Interior will be finished in pine and hardwood. Cement floor will be used. The exterior of the building will be faced with Medusa cement plaster. Plans are nearly complete and a contract will shortly be let.

STOCKTON, SAN JOAQUIN CO., CAL.—Store alterations, frame and brick. \$8,000. Architect, R. P. Morrell, Odd Fellows' Bldg., Stockton. Owner, F. Madden. This work will consist of remodeling the present building into a saloon. Some structural steel will be used. Interior finish will be of pine and hardwoods. Exterior will be covered with pressed brick. Plans are being prepared.

PORTLAND, ORE.—Stores and offices, 8 story and base, reinforced concrete, \$100,000. Architects, McNaughton and Raymond, Concord Bldg., Portland. Owners, Title and Trust Co. The building will be erected on 4th street and will cover an area of 50x100 feet. Construction will be fireproof throughout. The entire first floor will be occupied by the owners and will be elaborately finished in hardwoods, ornamental plaster, marble and tile. Special vaults will be constructed. Upper seven floors will be arranged for a number of modern offices. There will be steam heat, an oil burning equipment, vacuum cleaning system and mail chutes. Interior finish will be of metal and marble. Metal window frames and sash will be used. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Stores and offices, 3 story and base, brick and steel. Cost not stated. Architects, Miller & Colmesini, Lick Bldg., S. F. Owners, Santa Cristina Investment Co. (Claus Spreckels Estate). This building will be erected at the gore corner of Market and Golden Gate avenue, and will have a Market street frontage of 157 feet and a frontage on Golden Gate avenue of 154 feet. The lot is 100 feet in the rear. The first floor will contain nine modern stores, with plate glass windows and patent fronts. Upper floors will be arranged for 42 offices. There will be a complete steel frame and exterior walls faced with pressed brick and cement plaster. There will be elevator service and a vacuum cleaning system. Plans are complete and figures are being taken.

SAN FRANCISCO—Office building addition, 14 story and base. Class A construction, \$500,000. Architect, Willis Polk & Co., Merchants' Exchange Bldg.,

S. F. Owner, Ogden Mills. Plans are being prepared for the second large addition which has been made to the Mills Building since 1906. Property on Bush street extending easterly 60 feet from the present lot line will be improved. Construction and design will be similar to that of the main portion of the building. Working drawings are being prepared and contracts will be let as rapidly as possible.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BRICK INDUSTRIAL BUILDING.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Brick Industrial Building, Salem Indian School, Oregon," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. May 7, 1913, for furnishing materials and labor for the construction of a brick industrial building at the Salem Indian School, Oregon, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo.; the Capital Journal, Salem, Ore.; the Seattle Daily Record, Seattle, Wash.; the U. S. Indian warehouse, San Francisco, Cal., and at the school. For further information apply to the superintendent of the Salem Indian School, Chemawa, Ore. F. H. ABBOTT, acting commissioner.

PROPOSALS FOR CISTERN.

CISTERN—Office of Quartermaster, Fort Stevens, Ore.—Sealed proposals, in triplicate, will be received in this office until 11 a. m. May 2, 1913, and then opened, for construction of one reinforced concrete cistern at Battery Russell, this post. Further information may be obtained by applying at this office. R. F. COX, second lieutenant, coast artillery corps, quartermaster.

PROPOSALS FOR HARNESS HANGERS.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners, duly passed on March 28, 1913, sealed proposals will be received in open session of the Board on Friday, May 2, 1913, between the hours of 8:30 and 9 o'clock a. m. for furnishing fifteen sets of telescopic harness hangers for use in the San Francisco Fire Department, in strict accordance with specifications and conditions contained in the proposal blanks prepared by the Fire Commissioners on file and copies of which may be obtained at the office of the Board, Temporary City Hall, 1231 Market street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS.

FRANK T. KENNEDY.

Secretary.

PROPOSALS FOR HOSE.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners, duly passed on March 28, 1913, sealed proposals will be received in open session of the Board of Friday, May 9, 1913, between the hours of 8:30 and 9 o'clock

a. m. for furnishing two thousand (2000) or more feet of one (1) inch rubber chemical fire hose for the San Francisco Fire Department, in strict accordance with the specifications and conditions contained in the proposal blanks prepared by the Board of Fire Commissioners on file, and copies of which may be obtained at the office of said Board, Temporary City Hall, 1231 Market street, San Francisco, Cal.

FRANK T. KENNEDY,
Secretary.

PROPOSALS FOR RAZING BUILDING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 23rd day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The moving or razing of that certain building (known as the Burnett Building) located on the northwesterly side of Market street, three hundred and twenty-five feet northeasterly from Marshall Square.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CIRCULATING FILTERS.

OFFICE OF THE PLAYGROUND Commission, Room 638 City Hall.

Sealed proposals will be received at this office between the hours of 3 o'clock p. m. and 4 o'clock p. m. on the 24th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The delivery and installation of circulating filters at the Municipal Swimming Pool situated at Lombard and Mason streets, San Francisco.

The amount of bond for the faithful performance of the contract has been fixed at fifty (50) per cent of the agreed amount, to replace defective machinery and to cover the guarantee for efficiency and capacity, for one year after date of completion and operation. Proposal forms and specifications will be furnished upon application at the office of the Playground Commission, and all proposals must be made upon such forms.

The Playground Commission reserves the right to reject any and all bids.

By order of the Playground Commission of the City and County of San Francisco.

JOSEPH R. HICKEY,
Secretary.

PROPOSALS FOR OIL HOUSE.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 23rd day of April, 1913, for doing the following work, to wit:

The equipment of a lubricating oil house for the Geary Street Municipal Railway.

Progressive payments will be made. The amount of bond for faithful performance has been fixed at \$500.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR CONSTRUCTING FIELD HOUSE.

OFFICE OF THE PLAYGROUND Commission, Room 638 City Hall, City and County.

Sealed proposals will be received at this office between the hours of 3 o'clock p. m. and 4 o'clock p. m. on the 24th day of April, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of a Field House at the Excelsior Municipal Playground located at Russia and Madrid streets.

Progressive payments will be made. The amount of bond for the faithful performance of the contract has been fixed at eight hundred dollars (\$800.).

All proposals offered must be accompanied by a certified check payable to the Secretary of the Playground Commission of the said City and County, equal to ten per cent of the aggregate of the proposals and drawn on a reputable bank. Proposal forms, plans and specifications will be furnished upon application at the office of the Playground Commission on making a deposit to cover the same, and all proposals must be made upon such forms.

The Playground Commission reserves the right to reject any and all bids.

By order of the Playground Commission of the City and County of San Francisco.

JOSEPH R. HICKEY,
Secretary.

NOTICE TO CONTRACTORS.

SEALED bids will be received by the City Clerk of Tulare, Tulare Co., California, up to 8 p. m., May 5th, 1913, and thereafter opened, for all labor and material necessary and proper to construct a system of water mains and accessories for Tulare.

Specifications may be had from the City Clerk, or from Sloan & Robson, Nevada Bank Building, San Francisco, upon payment of Five Dollars (\$5.00.).

Bids will be received for the material only, the labor only, and for the material and labor combined.

The City of Tulare, through its Board of Trustees, reserves the right to reject any or all bids, to waive defects, and to accept any bid. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M., Thursday, May 1st, 1913, for the Excavation for the Exposition Auditorium to be built in the Civic Center in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful 100 per cent of the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M., Thursday, April 24, 1913, for the construction of a Pile Foundation for the new Arts and Crafts Building, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M. Tuesday, April 29, 1913, for the Installation of Plumbing, Sewer and Water Pipes of the Liberal Arts Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 267, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M. Tuesday, April 29, 1913, for the Construction of the Liberal Arts Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 267, Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE — 2 story and has, frame, \$2,000. San Francisco. Architect, none. Owners, Acme Improvement Co., Humboldt Bank Bldg., S. F. The dwelling will be erected on Pluto street, and will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in two of the rooms. There will be a large open fire place in the living room. Mantel will be of brick. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOWS — 2, 1 story and base, frame, \$1,400 each. San Francisco. Architect, none. Owner, James Hefferman, 59 Santa Marina avenue. These houses will each be arranged for five rooms and bath. Interior finish will be of pine and redwood. Oak floors will be used in the living and dining rooms. There will be open fire places and brick mantels. The exteriors will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BUNGALOW — 1½ story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Emil Nelson, 380 Jersey St., S. F. The house has been designed to contain six rooms and bath. Interior will be finished in pine throughout with hardwood floors in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Tile will be used in the bath room. The exterior of the dwelling will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

RESIDENCE — 2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, A. Duffie, 635 Dolores St., S. F. The house will contain seven rooms and bath. Pine and redwood will be used throughout for interior trim. There will be some hardwood floors. Tile will be used in the bath room and kitchen. A large open fire place will be a feature of the living room. A brick mantel will be used. Exterior of the house will be covered with klinker brick veneer and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

COMMUNITY RESIDENCES — 13, 2 story and base, frame, \$25,000. San Francisco. Architect's name not given. Owner, G. T. Kneft, 124 Mesa Ave., Piedmont, Oakland. These houses are to occupy a splendid site on the block at the northeast corner of Lombard and will command a fine view of nearly the entire city and bay. Each of the dwellings will cover an area of 24x33 feet and will contain five rooms and bath. The dwellings will be grouped around an open court and are in the Mission style of architecture. The court will be laid out for gardens and a fountain. Interior finish will be of pine, redwood and some hardwoods. Oak floors will be used in the living rooms, dining rooms and reception

halls. A central heating system, which will probably be housed in a separate building, will be installed. Exterior of the group will be covered with cement plaster on metal lath. Each of the living rooms will have a large open fire place with brick or tile mantel. Bath rooms and kitchens will be wainscoted with tile. Plans are in the hands of the owner who is a contractor and the work will be done by Day Labor.

RESIDENCE ALTERATIONS AND ADDITIONS — Frame construction, \$2,500. San Francisco. Architect, none. Owner, J. R. Mortensen, Rio Vista. This work will include the complete alteration of the interior of the building and extensive exterior alterations. The work will require new plastering, plumbing, electric work, painting and interior finish. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$5,000. San Francisco. Architect, E. E. Young, 251 Kearny St., S. F. Owner, Thomas Scoble, 363 4th Ave., S. F. The house will be erected at the southeast corner of 25th avenue and Lake street, and has been designed to contain eight rooms and bath. Interior will be finished in pine and hardwood with hardwood floors in the living and dining rooms and reception hall. Plans include furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all kinds of materials.

HOTEL — 4 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, S. Rudee. The building will be erected on the west side of 4th street, 50 feet north of Folsom, and has been designed for stores on the first floor and a number of modern hotel rooms above. Interior will be finished in pine throughout. Hot and cold running water will be supplied to all rooms. There will be metal window frames and sash and iron fire escapes. Exterior of the building will be faced with cement plaster. Plans are being prepared.

HOTEL — 3 story and base. Class C construction, \$20,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Louis Friedman. This work has been mentioned here before when plans were first started. The building will be erected at the northeast corner of Bush and Grant avenue, and will contain stores besides the hotel lobby on the first floor. Upper floors will be arranged for a number of single rooms and several baths. Interior will be finished in pine throughout. There will be a hot water system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

HOTEL ALTERATIONS AND ADDITIONS — Frame construction, \$2,000.

San Francisco. Architect, none. Owner, Charles Katz, 1202 Dolores St., S. F. This work will include remodeling a two-story frame building on Mission street near 18th. The first floor will be arranged for stores and upper floor for rooms. Exterior will be covered with cement plaster on metal lath. Interior finish will be of pine. Plans are in the hands of the owner and the work will be done by Day Labor.

HOTEL—3 story and base, reinforced concrete, \$11,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, Nathan Haas. The building is to be erected on the west side of Jones street near O'Farrell, and will contain two stores on the first floor and a number of single rooms above. Interior finish will be of pine throughout. All rooms will be supplied with hot and cold running water. Exterior of the building will be faced with cement plaster. Plate glass in patent fronts will be used on the first floor. Plans are complete and the work will be done by Day Labor.

STORES AND WAREHOUSE—3 story and base, reinforced concrete. Cost not stated. San Francisco. Architects, Eskewell & Brown, 251 Kearny St., S. F. Owner, Orville Pratt, Jr. The building will be erected at the corner of Spear and Howard streets, and will cover an area of 68 feet 9 inches by 137½ feet. The entire structure has been leased to Hooper-Jennings & Co. Construction will be nearly fireproof. The first floor will be arranged for the general offices of the company, sales rooms and shipping department. Upper floors will be used for storage purposes. Plans provide for elevators, spiral chutes, automatic sprinkler system, metal window frames and sash and fireproof doors. Exterior of the building will probably be faced with cement plaster. Plans are being prepared.

STORES AND OFFICES—3 story and base, brick and steel. Cost not stated. San Francisco. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owners, Santa Christina Investment Co. (Claus Spreckels Estate). This building will be erected at the corner of Market and Golden Gate avenue, and will have a Market street frontage of 157 feet and a frontage on Golden Gate avenue of 154 feet. The lot is 100 feet in the rear. The first floor will contain nine modern stores, with plate glass windows and patent fronts. Upper floors will be arranged for 42 offices. There will be a complete steel frame and exterior walls faced with pressed brick and cement plaster. There will be elevator service and a vacuum cleaning system. Plans are complete and figures are being taken.

CHURCH—2 story, frame construction. Cost not stated. San Francisco. Architect, Herbert B. Maggs, 125 Alpine St., S. F. Owners, African Methodist Church. The building will be erected on the property of the congregation on Powell street north of Jackson, and will cover an area of 46x114 feet. There will be a large main auditorium, Sunday school rooms, parlors and pastor's study. Interior finish will be of pine throughout. The exterior of the building will be faced with either shiplap or metal lath and plaster. Plans have been prepared.

FACTORY ADDITION—2 story, concrete. Cost not stated. San Francisco. Architects, Righetti & Headman, Phelan Bldg., S. J. Owner, G. Ratto. The

present plant is located on Valencia street near 19th. The additional stories will be constructed on top of the one-story building now used by Mr. Ratto. Exterior will be faced with cement plaster. Interior finish will be of pine. Plans are complete and in the hands of the owner, who is taking figures for the work.

LAUNDRY AND STABLES—1 and 2 story, brick construction, \$25,000. San Francisco. Architect, William H. Crin, Jr., 425 Kearny St., S. F. Owner, Edward Rolkin. The buildings together will cover an area of 87x275 feet. The main structure will be one story in height. Stable will be two stories high, the upper floor being arranged for living rooms. Interior finish will be of pine and redwood. The estimated cost does not include a large amount of machinery which will be installed. Exterior of the buildings will be faced with stock brick. Plans are complete and figures are being taken.

FLAT ALTERATIONS AND ADDITIONS—Frame construction, \$2,000. San Francisco. Architect, William H. Crin, Jr., 425 Kearny St., S. F. Owner, Johanna Costello. The work will include raising the present building and constructing new portion on the street grade. There will be new plastering, painting, plumbing and interior finish. Exterior will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, Charles W. Higgins, 1306 Shrader St., S. F. The building, which has been designed to contain two flats, will be erected on 17th avenue south of Lake street. Each flat has been arranged for five rooms and bath. Interior finish will be of pine with hardwood floors in the living and dining rooms and reception halls. Open fire places and brick mantels will be used. The exterior of the building will be covered with brick veneer and cement plaster. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, Charles Michelson, 446 27th St., S. F. The building will contain two flats of four and five rooms each with bath. All interior finish will be of pine or redwood. Some hardwood floors will be used. There will be either gas grates or open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shiplap and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$3,550. San Francisco. Architect, none. Owner, Patrick M. McDonnell, 3037 24th St., S. F. The building has been designed to contain two modern five-room flats with baths. Interior finish will be of pine and redwood with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and brick or tile mantels. Tile will be used in the baths and kitchens. The building will cover an area of 25x61 feet. Exterior will be covered with shiplap and brick veneer. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, Sidney B. Newsum, Nevada Bank Bldg., S. F. Owner, George Spencer. A two-story frame dwelling

located at 3100 Benvenue avenue will be altered into a modern flat building containing 18 rooms. Extensive additions will be made. Interior finish will be of pine and redwood. Each flat will contain six rooms and bath. There will be some hardwood floors. Open fire places will be used in all living rooms. The exterior of the building will be covered with rustic and cement plaster. Plans are ready for figures.

SUPPLIES FOR TRANSPORTS—Cost not stated. San Francisco. Engineer, Donnelley, Transport Docks, S. F. Owners, United States Government. Four of the big United States Army Transports, the Sheridan, the Logan, the Thomas and the Sherman, are undergoing extensive repairs. Orders are now being placed through Col. Knight's office, Transport Docks, for a large amount of supplies and materials, which include many of interest to the building trade. Douglas plumbing goods are specified. There will be a large amount of paints, oils and steel. Compolite flooring, electric supplies and lighting fixtures, plate and other glass, radiators, asbestos, paper, damp-proof, ornamental iron and bronze, safety stair treads, blowers for ventilating, etc. Engineer Donnelley is in charge of the work.

OIL BURNING EQUIPMENT, ETC.—Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. The following contracts have just been awarded by the Constructing Quartermaster at Fort Mason: Installation for oil burners at Presidio and Fort Winfield Scott to American Heat and Power Co., at \$20,100; installation of oil burners at Fort Baker to S. T. Johnson Co., at \$6,380; pipe line for oil at Fort Baker to Pringle, Dunn & Co., for \$4,295; concrete reservoir for oil at Fort Baker to Contra Costa Construction Co., at \$850; oil burners in commanding General's quarters at Fort Mason to American Heat and Power Co., at \$590; grading parade ground at Fort Winfield Scott to E. M. Hughie & Co., at \$6,086; construction of roads, walks and gutters at Letterman General Hospital to Francis Zoke at \$4,575.

HOTEL—5 or 6 story and base, Class C construction. Cost not stated. San Francisco. Architect, Alfred Henry Jacobs, 110 Sutter St., S. F. Owner, Mr. Andrews. The building will be erected on Jones street near Eddy, and will contain a large number of single rooms, many of which will have connecting baths. Only preliminary plans have been made and the construction will depend upon the owner and lessees reaching a satisfactory agreement. Further announcement will be given here when the work is ready to progress.

RAILROAD CONSTRUCTION—\$35,000. San Francisco. Engineer, Engineering Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids for the construction of the Geary Street Municipal Road out 45th Ave. and Balboa street from 33rd avenue to the Great Highway were opened at the last meeting of the Board of Public Works. Bids show Healy-Tibbetts Construction Co. low at \$34,450, and they were later awarded the contract. A complete list of the figures appears under the heading of San Francisco in this issue.

BUNGALOWS—4, 1½ story and base, frame, \$2,000 each. San Francisco, Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners, Atlas Home Builders. These houses will be erected on Lishon street near Persia. Each will contain six rooms and bath. Interiors will be finished in pine and redwood. Some oak flooring will be used. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owners, who will do the work by Day Labor and who are now purchasing all materials.

RESIDENCE—2 story and base, frame. Cost not stated. San Francisco, Architect, Sidney B. Newsom, Nevada Bank Bldg., S. F. Owner, Dr. A. A. Solley. The dwelling will be erected in the Bakers Beach Tract, and will be designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, Chester H. Miller, Foxcroft Bldg., S. F. Owner, Dr. R. T. Sutherland. The house will be erected on 4th Avenue Heights, and has been designed for an eight-room house with bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be wainscoted in tile. The exterior of the house will be covered with cement plaster. Plans are complete and figures are being taken.

OFFICE BUILDING ADDITION—14 story and base. Class A construction, \$500,000. San Francisco, Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Ogden Mills. Plans are being prepared for the second large addition which has been made to the Mills Building since 1906. Property on Bush street extending easterly 60 feet from the present lot line will be improved. Construction and design will be similar to that of the main portion of the building. Working drawings are being prepared and contracts will be let as rapidly as possible.

LIBERAL ARTS BUILDING—Frame construction. Cost not stated. San Francisco, Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans and specifications for the construction of the Liberal Arts Building have been completed and are now out for figures. Plans can be secured from the Director of Works. The building will be erected in the Exhibit Building Section of the Harbor View site. Separate bids are being taken for the general construction and for the sewer, water and gas piping. The official proposal appears in another column of this issue. Bids will be opened on April 29th.

PILE FOUNDATION—Cost not stated. San Francisco, Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on April 24th for the construction of a pile foundation for the Fine Arts Building. Plans can be secured from the Director of Works. Proposal appears in another column of this issue.

EXCAVATING FOR FOUNDATION—Cost not stated. San Francisco, Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the excavation of the foundation for the Exposition Auditorium, which is to be erected in the Civic Center, have been completed. Bids for the work will be opened on May 1st. The Exposition Auditorium will be a permanent structure costing in the neighborhood of \$1,000,000. Plans for the building were prepared by associated architects John Galen Howard, John Reid, Jr., and Frederick H. Meyer. The official proposal appears in another column of this issue.

City Bids Opened.

Board of Public Works Opens Bids For Completion of Geary Street Road to Great Highway.

Bids were opened at the regular Wednesday afternoon session of the Board of Public Works for the construction of track for the Geary street Municipal Road from its present terminus on 33rd avenue to the Great Highway. The route is along Balboa and 45th avenue. Nine bids were received which ran as follows:

Track Construction.

T. H. Mullin	\$35,900
Mahoney Bros.	44,710
Contra Costa Constr. Co.	53,880
Grant Smith & Co.	77,760
Central California Con. Co.	47,540
F. Rolandi	48,295
F. E. Hilmer	39,340
Healy-Tibbitts Constr. Co.	34,450
Gorrell Bros.	51,187

Bids For Another Exposition Palace.

Panama-Pacific Exposition Company Open Figures for Construction of Agriculture Building.

Bids for the construction of the Agriculture Building, another of the important exhibit palaces which are to be erected for the Panama-Pacific International Exposition Company, were opened by the Buildings and grounds Committee at 11 o'clock Tuesday morning. Seven bids were submitted for the general construction, the Exposition Company furnishing the lumber and fifteen bids for the plumbing, water and sewer pipes. Lange & Bergstrom were low on the general construction at \$253,523 and the Peterson-James Co. low on the plumbing at \$22,962. Following is a complete list of all figures presented:

General Construction, Agriculture Bldg.	
James L. Brown	\$325,000
Strehlow, Freeze & Peterson	266,500
Connary-Peterson Co., Inc	268,600
F. Rolandi	299,943

Reese & Rountree	264,400
Lange & Bergstrom	253,523
McLeran & Peterson	296,960
Plumbing, Agriculture Building.	
John G. Sutton Co.	\$25,510
Peterson-James Co.	23,962
Alexander Coleman	23,700
Herman Lawson	23,614
Frank Lyman	25,390
Kiernan & O'Brien	25,260
Lettich Bros.	24,165
Robert Dalziel Jr.	27,340
J. E. O'Mara	30,507
The J. Looney Co.	24,793
F. W. Snook & Co.	23,987
Burnham Plumbing Co.	26,821
James H. Pinkerton	25,200
The Turner Co.	25,515
Frank J. Klimm	24,489

Building Contracts Awarded San Francisco.

1398 W'n States Adv.	Owner	900
1399 Same	Same	400
1400 Herrold	Herrold	806
1401 Chiotti	Chiotti	600
1402 Duffie	Duffie	2000
1403 Higgins	Higgins	5000
1404 Covosco	Chittenden	1000
1405 Pastor	St. Clair	1000
1406 Daneloff	Daneloff	1300
1407 Manilock	Nicholas	1200
1408 S. F. Polyclinic	Turner	1870
1409 Same	St. George	800
1410 Same	McKenzie	17215
1411 Sullivan	McLeran	14805
1412 Grace Cathedral	Fordeur	1506
1413 United F. R.	Henderson	5200
1414 Petrovsky	Nelson	1400
1415 Ballis	Swanson	450
1416 Hellman	Hellman	2000
1417 Venaglia	Venaglia	400
1418 Rogers	Rogers	400
1419 Daniel	Winberger	400
1420 Siverson	Jensen	800
1421 Langendorf	Owner	1000
1422 Walker	McLean	900
1423 Nelson	Nelson	2000
1424 Peterson	Peterson	1200
1425 Thomas	Crothers	400
1426 Conniff	Allyn	24000
1427 Gantner	Landren	9250
1428 Delmon	Pene	5300
1429 City & Co of S. F.	Lennon	3200
1430 Hefferman	Hefferman	1400
1431 Same	Same	1500
1432 Pilhof	Diestel	500
1433 Halsted	Moise	500
1434 Rodenberger	Owner	1000
1435 Adams Impt.	Owner	2000
1436 Johnson	Johnson	1200
1437 Edsell	Edsell	400
1438 Winton	Brumfield	400
1439 Wilson	Johnson	400
1440 Chapman	Brumfield	400
1441 Knopf	Knopf	25000
1442 Hind	Butcher	12400
1443 Warehouse Inv. Capl S. M.	Mitrovich	13000
1444 Kamp	Walton	1900
1445 Roemer	Urban	8000
1446 Urban	Urban	8000
1447 Katz	Katz	3000
1448 Spelley	Wilberg	500
1449 Wolfe	Wolfe	500
1450 Howell	Lynch	650
1451 Mortensen	Mortensen	2500
1452 P. P. I. Exp.	Sutton	16300
1453 Same	McKenzie	1445
1454 Same	Contra Costa	12250
1455 Antonini	Nelson	2275
1456 Thomas	Saari	3268
1457 Jelo Cal.	Am. M. & M.	1560
1458 Atlas Arch.	Natl. Arch.	2000
1459 Same	Same	2000
1460 Same	Same	2000
1461 Same	Same	2000
1462 Same	Paulsen	1500
1463 Davey	Wheeler	1500
1464 Danforth	Spilo	800
1465 McDonald	McDonald	3850
1466 Metzger	Ceribelli	400
1467 Caulter	Hannah	100
1468 Drocas	Drocas	1800
1469 Seoble	Seoble	5000
1470 McDonough	Seoble	1445
1471 Same	Leonard	2900
1472 Same	Leonard	1167
1473 Same	Ward	16038
1474 Same	Central	900
1475 Same	O'Vara	957
1476 Same	Butte	1945
1477 Adlan	West Co.	2000
1478 Central Rlty.	Relston	25500
1479 Johnson	Anderson	3940
1480 Eisenberg	Davis	1945
1481 Baffa	Fillippis	4000

- 1482 Watkins Sasso 1825
 1483 Tilden Haus 1200
 1484 Pihl Diestel 500
 1485 Roos Muddox 500
 1486 Green Green 400
 1487 Duncan Long 450
 1488 Ricketts Ricketts 1900
 1489 McEwen Hamerton 500
 1490 Wyam Wyam 1000
 1491 Marchl Marchl 400
 1492 Nelson Nelson 2000
 1493 Children's Hspl Kern 850
 1494 Ferguson Miller 400
 1495 Corly Fremersdorf 400
 1496 Kiernan Kiernan 2000
 1497 Reid Reid 1000
 1498 Busse Steun 6500
 1499 Zillmer Zillmer 1800
 1500 Lagomarsino Carraro 8500
 1501 Hall Werner 2400
 1502 Lerchl Segale 6000
 1503 Siml Corinignani 1150
 1504 Bankers' Invest Schmidt 3500
 1505 Quinn Foley 4000
 1506 Grace Cathl. Donovan 95
 1507 Ruddy Smith 20100
 1508 Hornung Hall 8200
 1509 Breck Harcom 3948
 1510 Poy Glacom 250
 1511 Abrams Northern 48370
- (1447) W MISSION 85 S 18th. Alterations and additions to a two-story frame stores and rooms.
 Owner.....Chas. Katz, 1202 Dolores, San Francisco.
 Architect...None.
 Day's work. COST, \$3000
- (1398) NE FIFTH AND MISSION. Electric sign.
 Owner.....Western States Adv. Co., 370 Valencia, S. F.
 Architect...None.
 Day's work. COST, \$500
- (1399) SW GUERRERO AND 14th. Erect electric signs.
 Owner.....Western States Adv. Co., 370 Valencia, S. F.
 Architect...None.
 Day's work. COST, \$400
- (1400) W SAN BRUNO 225 S Silver. One-story frame shop.
 Owner.....Phil Herrold, 2350 San Bruno, San Francisco.
 Architect...None.
 Day's work. COST, \$800
- (1401) LOT NO. 13 BAY VIEW TRACT. One-story and basement frame residence.
 Owner.....P. Chiotti, 918 Ingersen Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$600
- (1402) E NINTH AVE 150 N Ortega. Two-story and basement frame residence.
 Owner.....A. Duffie, 685 Dolores, S. F.
 Architect...None.
 Day's work. COST, \$3000
- (1403) E SEVENTEENTH AVE 250 S Lake. Two-story and basement frame (2) flats.
 Owner....Chas. W. Higgins, 1306 Shrader, San Francisco.
 Architect...None.
 Day's work. COST, \$5000
- (1404) NE SANTA ROSA AND San Gabriel. One-story and basement frame residence.
 Owner.....S. M. Cosvoco, NY Jackson and Hayes, S. F.
 Architect...None.
 Contractor..W. H. Chittinden, 111 Flood Ave., San Francisco.
 COST, \$1000
- (1405) W LEVANT 454 S Masonic. Two-story and basement frame dwlg
- Owner.....H. E. Pastor, 580 McAllister, San Francisco.
 Architect...None.
 Contractor..A. W. Spelt, 539 Day, S. F.
 COST, \$1450
- (1406) E DE HARO 50 N 22nd. One-story and basement frame dwelling.
 Owner.....Jno. Daneloff, 981 De Haro San Francisco.
 Architect...R. F. Austin, 1715 Mission, San Francisco.
 Day's work. COST, \$1300
- (1407) E SEVENTEENTH AVE 300 S Rivera. Two-story and basement frame residence.
 Owner.....L. Manlock, 1929 15th, San Francisco.
 Architect...None.
 Contractor..F. Nicholas, 602 Mechanics' Bank Bldg., S. F.
 COST, \$1200
- (1498) S JACKSON 228-S E Polk E 46-4x8 127-8 1/4. Low pressure steam heating system and oil burning apparatus for two-story and three-story frame building.
 Owner.....San Francisco Polyclinic & Post Graduate College, 443 Fillmore, San Francisco.
 Architect...McDougall Bros., Russ Bldg., San Francisco.
 Contractor..The Turner Co., 278 Natoma, San Francisco.
 Filed April 14, '13. Dated April 7, '13.
 Oil tank in position, boiler set up and piping roughed in.....\$700
 Completed and accepted.....700
 Usual 35 days.....470
 TOTAL COST, \$1870
 Bond, \$950. Surety, New England Casualty Co. Limit, as required. Forfeit, \$10. Plans and specifications filed.
- (1409) PLUMBING, GAS FITTING & sewerage on above.
 Contractor..Fred W. Snook & Co., 596 Clay, San Francisco.
 Filed April 14, '13. Dated April 9, '13.
 Roughed in\$846
 Completed and accepted.....850
 Usual 35 days.....570
 TOTAL COST, \$2266
 Bond, \$1150. Surety, The Aetna Accident & Liability Co. Limit, as required. Forfeit, \$10. Plans and specifications filed.
- (1410) ALL WORK EXCEPT STEAM heating, plumbing, vacuum cleaner, etc., on above.
 Contractor..McKenzie & Pinkerton, 2783 McAllister, S. F.
 Filed April 14, '13. Dated April 5, '13.
 1st tier of joists in position....\$2000
 2nd tier of joists in position....2000
 Roof covering on.....2000
 Brown coated2400
 Interior standing finish up.....2000
 Completed and accepted.....2510
 Usual 35 days.....4205
 TOTAL COST, \$17,215
 Bond, \$9000. Surety, The Aetna Guaranty & Surety Co. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.
- (1411) NE CLEMENTINA & THIRD S 30x8 \$0. Excavation, concrete, brick, plaster, painting, glazing, electric work, plumbing, carpenter, structural steel, iron, marble, sheet metal work, etc., for three-story and basement Class "C" stores and lodgings.
 Owner.....Walter H. Sullivan.
 Architect...F. H. Meyer, Bankers' Investment Bldg., S. F.
- Contractor..McLeran & Peterson, Sharon Bldg., San Francisco.
 Filed April 14, '13. Dated April 14, '13.
 Payments on 1st of each month 75%
 Usual 35 days.....25%
 TOTAL COST, \$14,805
 Bond, \$7402.50. Sureties, E. J. Brandon and Carl Werner. Limit, 120 days. Forfeit, none. Plans and specifications filed.
- (1412) BLK BDED BY CALIFORNIA. Jones, Sacramento and Taylor. Sheet metal and roofing ventilators, etc., for building.
 Owner.....Grace Cathedral Corporation.
 Architect...Lewis P. Hohart, Crocker Bldg., San Francisco.
 Contractor..Forderer Cornice Works, 269 Potrero Ave., S. F.
 Filed April 14, '13. Dated April 7, '13.
 Payments 15th of each month 75%
 Usual 35 days.....25%
 TOTAL COST, \$1560
 Bond, \$780. Surety, National Surety Co. Limit, May 1, '13. Forfeit, none. Plans and specifications.
- (1413) SE MISSION (as widened) 70 NE Virginia Ave NE 170xSE 283.5. All work for alterations to car barn.
 Owner.....United Railroads of S. F., Wells Fargo Bldg., S. F.
 Architect...None.
 Contractor..Williams Bros. & Henderson, Holbrook Bldg., S. F.
 Filed April 14, '13. Dated April 12, '13.
 On 10th of each month.....75%
 Usual 35 days.....25%
 TOTAL COST, \$5200
 Bond, \$2600. Surety, U. S. Fidelity & Guaranty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.
- (1414) NO. 523 VALENCIA. Install elevator and repair side walk.
 Owner.....John Petrovoffsky, Prem.
 Architect...None.
 Contractor..J. M. Bailey, 310 Excelsior Ave., San Francisco.
 COST, \$500
- (1415) NO. 1054 LOMBARD. Repair residence.
 Owner.....Mrs. H. J. Balis, Premises.
 Architect...C. C. Dakin, 110 Sutter, San Francisco.
 Contractor..Oscar Swanson, 4066 18th, San Francisco.
 COST, \$450
- (1416) W TENTH AVE 250 N Noriega. One and one-half-story and basement frame dwelling.
 Owner.....E. O. W. Hellman, 1755 10th Ave., San Francisco.
 Architect...None.
 Day's work. COST, \$2000
- (1417) NO. 1234 GRANT AVE. Alter saloon.
 Owner.....E. Venaglia, Premises.
 Architect...None.
 Day's work. COST, \$400
- (1418) E DELANO 125 S San Juan. One-story and basement frame dwlg.
 Owner.....Wilson Rogers, 3518 1/2 16th San Francisco.
 Architect...None.
 Day's work. COST, \$1400
- (1419) NO. 316 FILLMORE. Install sink, boiler, counter and tile partition.
 Owner.....Daniel Car, Premises.
 Architect...None.

Contractor...Mr. Winberger, 316 Mc-
Allister, San Francisco.
COST, \$400

(1420) NO. 2041 GROVE. Concrete
foundation, rat proof and minor car-
penter repairs.

Owner.....A. Siverson, Premises.
Architect...None.
Contractor...J. Jensen, 115 Middle, S. F.
COST, \$800

(1421) NO. 878 McALLISTER. Alter
and add to bakery.

Owner.....R. Langendorf, Premises.
Architect...Chas. J. Rousseau, 716
Phelan Bldg., S. F.
Day's work. COST, \$1000

(1422) NO. 1901 JACKSON. Install
partitions.

Owner.....Cyrus Walker, Premises.
Architect...None.
Contractor...N. A. McLean, Chronicle
Bldg., San Francisco.
COST, \$900

(1423) N TWENTY-SECOND 100 W
Sanchez. One and one-half-story and
basement frame residence.

Owner.....Emil Nelson, 580 Jersey,
San Francisco.
Architect...None.
Day's work. COST, \$2000

(1424) N ARMY 80 E Sanchez. One-
story and basement frame residence.

Owner.....A. J. Peterson, 3951 26th,
San Francisco.
Architect...None.
Day's work. COST, \$1200

(1425) NO. 1825 IRVING. Raise dwlg.
and cement floor.

Owner.....Mr. Thomas, Premises.
Architect...None.
Contractor...F. Crothers, 1426 10th Ave.,
San Francisco.
COST, \$400

(1426) W LEAVENWORTH 95 N
Washington N 42-6xW 137-6. All
work for three-story frame flats.

Owner.....Mary P. Conniff, NW Hyde
and Washington, S. F.
Architect...A. C. Lutgens, Humboldt
Bank Bldg., S. F.
Contractor...Stockholm & Allyn, Monad-
nock Bldg., S. F.

Filed April 15, '13. Dated April 15, '13.
Building sheathed and roof on.....\$4500
1st coat plaster on interior and
exterior 4500
Outside finish in place..... 4500
Completed and accepted..... 4500
Usual 35 days..... 6000
TOTAL COST, \$24,000

Bond, \$12,000. Surety, Pacific Coast
Casualty Co. Limit, 140 days. Forfeit,
none. Plans and specifications filed.

(1427) S MISSION 146-6 W Tenth W
102-10 S 80 W 27-4 S 80 E 130-2 NW
160. Heating, ventilating and electri-
cal work for mfg. building.

Owner.....Gantner & Mattern Co., 80
Geary, San Francisco.
Architect...George W. Kelham, Sharon
Bldg., San Francisco.

Contractor...Lindgren Co., Monadnock
Bldg., San Francisco.
Filed April 15, '13. Dated April 15, '13.
As work progresses..... 85%
Usual 35 days..... 25%

TOTAL COST, \$8250
Bond, \$4626. Surety, Pacific Coast
Casualty Co. Limit, 100 days. Forfeit,
none. Plans and specifications filed.

(1428) W SCOTT PLACE 187-6 S

Broadway W 56xS 25. All work for
three-story frame flats.

Owner.....Harry Delmon.
Architect...Oliver Everett, 1914 Web-
ster, San Francisco.

Contractor...J. B. Pene, 1655 1/2 Mason,
San Francisco.

Filed April 15, '13. Dated April 15, '13.
Frame up\$1325
Brown coated 1325
Completed and accepted..... 1325
Usual 35 days..... 1325

TOTAL COST, \$5300
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1429) HOFFMAN AVE & ALVARADO
Excavation and grading, bulkhead-
ing, etc., for Engine House No. 24.

Owner.....City and County of S. F. by
Commary-Peterson Co., 46
Kearny, San Francisco.

Architect...None.
Contractor...Jas. E. Lennon Lime &
Cement Co., 352 Church,
San Francisco.

Filed April 14, '13. Dated April 14, '13.
On 20th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3200
Bond, \$1600. Surety, The Aetna Acci-
dent & Liability Co. Limit, 52 days.
Forfeit, none. Plans and specifications
none

(1430) E ROTTECK 110 S Bosworth.
One-story and basement frame resi-
dence.

Owner.....Jas. F. Hefferman, 59 Santa
Marina Ave., S. F.

Architect...None.
Day's work. COST, \$1400

(1431) E ROTTECK 85-1/2 S Bosworth.
One-story and basement frame resi-
dence.

Owner.....Jas. F. Hefferman, 59 Santa
Marina Ave., S. F.

Architect...None.
Day's work. COST, \$1400

(1432) NO. 249 CORTLAND AVE. Re-
pair fire damage.

Owner.....Fred R. Pilhof, Premises.
Architect...None.

Contractor...John Diestel, 2246 Mission,
San Francisco.

COST, \$500

(1433) NO. 1122 SUTTER. Erect mar-
quise.

Owner.....Halsted & Co., Premises.
Architect...None.

Contractor...Moise-Klinkner, 1212 Mar-
ket, San Francisco.

COST, \$500

(1434) LOT 11 BLK 2 Amazon Tract.
One and one-half-story and base-
ment frame dwelling.

Owner.....Alfred Rodenberger, 215
27th, San Francisco.

Architect...None.
Day's work. COST, \$1000

(1435) W PLUTO 252-9 S Masonic.
Two-story and basement frame resi-
dence.

Owner.....Acme Improvement Co.,
1210 Humboldt Bank, S. F.

Architect...None.
Day's work. COST, \$2000

(1436) W WHITTNEY 100 S Fairmont
One and one-half-story and base-
ment frame dwelling.

Owner.....John Johnson, 289 Fell,
San Francisco.

Architect...None.

Day's work. COST, \$1200

1437) NO. 974 ASHBURY. Alter and
repair residence.

Owner.....H. Edsell, Premises.
Architect...None.

Contractor...Pringle, Dunn & Co.
COST, \$400

(1438) SE VAN NESS AVE & SUTTER
Electric sign.

Owner.....Winton Motor Car Co.,
Premises.

Architect...None.

Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$400

(1439) NO. 3570 JACKSON. Underpin
bulkhead.

Owner.....Mr. Wilson.
Architect...None.

Contractor...J. W. Johnson, 1038 14th,
San Francisco.
COST, \$400

(1440) E VAN NESS AVE near Sutter.
Electric sign.

Owner.....S. G. Chapman, Premises.
Architect...None.

Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$450

(1441) NE LOMBARD & LEAVEN-
worth. Two-story and basement
frame (13) community residences.

Owner.....G. T. Knopf, 124 Mesa Ave.,
Piedmont.

Architect...None.
Day's work. COST, \$25,000

(1442) SE FIFTH AND MINNA \$0 on
5th x 148 on Minna. Grading for
trenches, brick work, setting marble
and granite curb for four-story and
basement Class "C" hotel building.

Owner.....Hind Estate Co., 310 Call-
ornia, San Francisco.
Architect...Wm. Knowles, Hearst
Bldg., San Francisco.

Contractor...Butcher & Hadley, 180
Jessie, San Francisco.

Filed April 16, '13. Dated April 15, '13.

Walls to 2nd floor.....\$3100

Walls to 4th floor..... 3100

Completed and accepted..... 3100

36 days after..... 3100

TOTAL COST, \$12,400

Bond, none. Limit, 50 days. Forfeit,
none. Plans and specifications filed.

(1443) COR. SECOND & TOWNSEND.
Metal windows for building.

Owner.....Warehouse Investment Co.,
by Geo. H. Stoffels, Pacific
Bldg., San Francisco.

Architect...None.

Contractor...Capitol Sheet Metal Works
1927 Market, San Francisco

Filed April 16, '13. Dated Mar. 13, '13.

On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1490

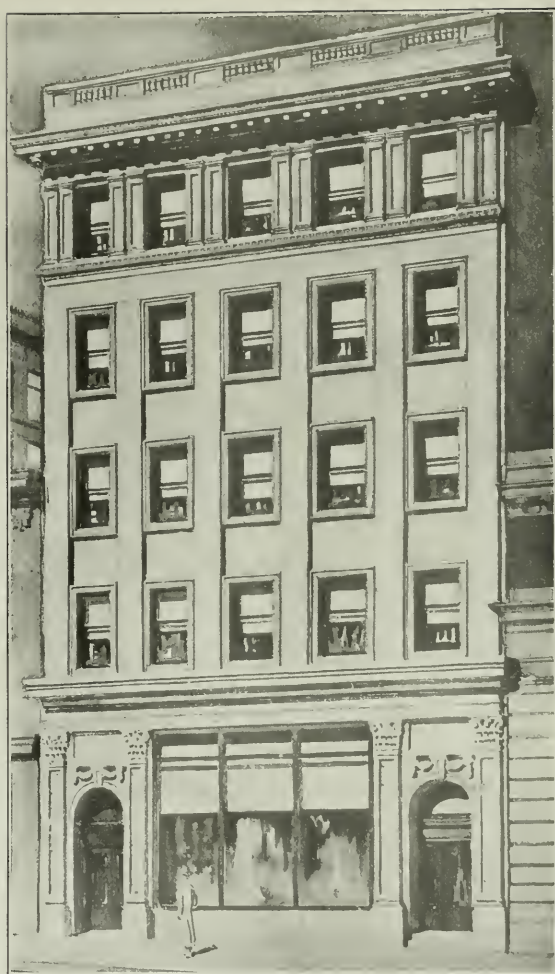
Bond, limit, forfeit, none. Plans and
specifications, none.

(1444) SW THIRD 225 SE Folsom SE
50xSW 160. All work except plumb-
ing for two-story brick rooming
house.

Owner.....Nathan Kamp, Hotel Bon
Air, San Francisco.

Architect...Jos. Cahen, 45 Kearny,
San Francisco.

Contractor...J. I. Mitrovich Bldg. Co.,
1036 Golden Gate, S. F.



OFFICE BUILDING FOR A. B. McCREERY
San Francisco

Charles Paff, Architect
San Francisco

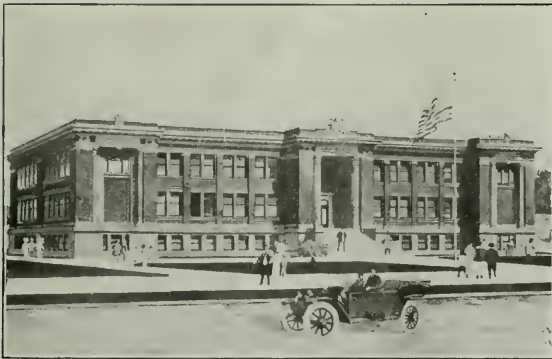
Building and Industrial News
April 22, 1913

PLATE A



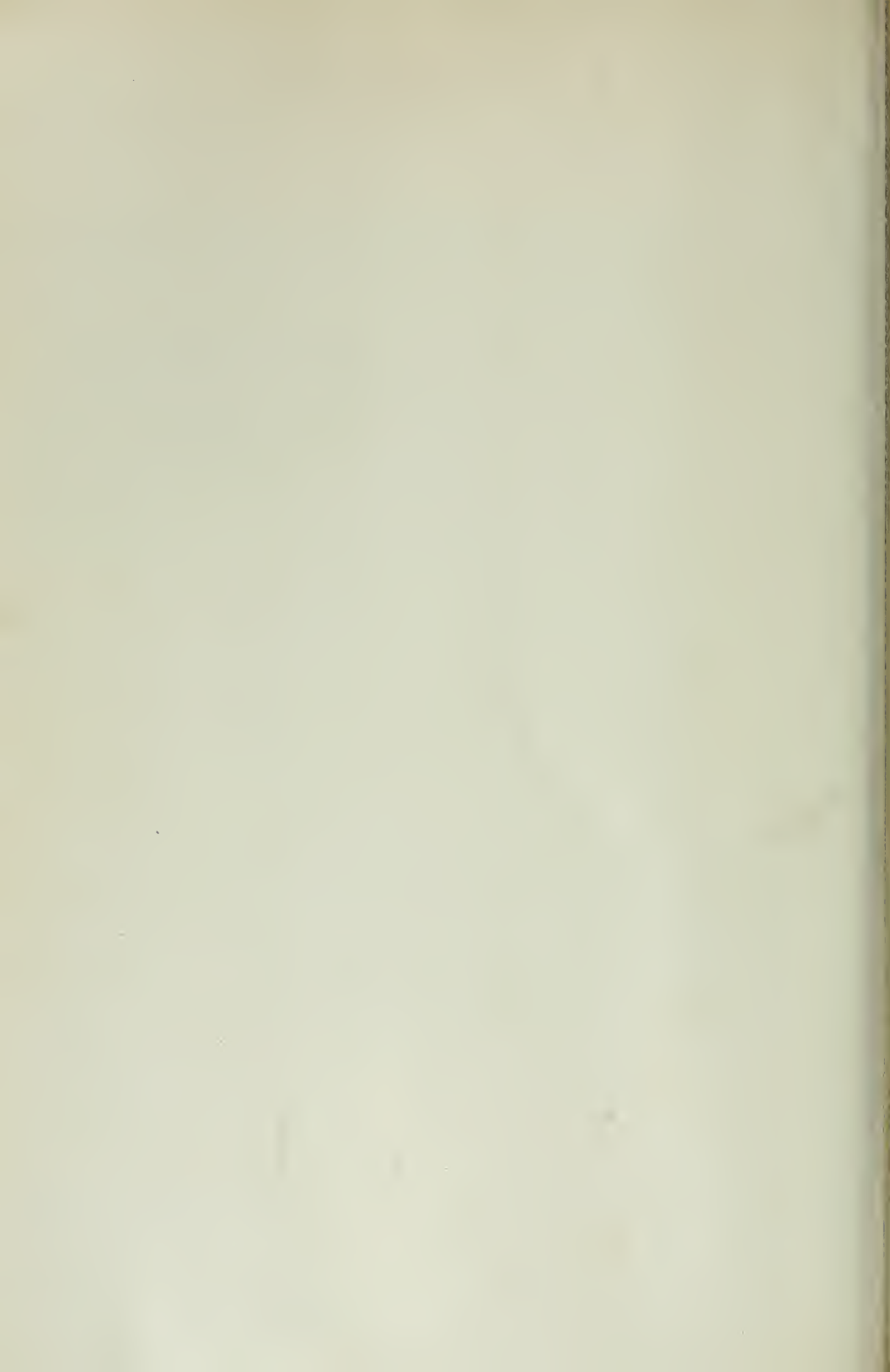
GILROY HIGH SCHOOL
Gilroy, Cal.

W. H. Weeks, Architect
San Francisco



WOODLAND HIGH SCHOOL
Woodland, Cal.

W. H. Weeks, Architect
San Francisco



Filed April 16, '13. Dated April 14, '13.
2nd floor joists on.....\$2300
Brown coated 2500
Standing trim on..... 1500
Completed and accepted..... 2000
Usual 35 days..... 3000
TOTAL COST, \$11,300
Bond, \$5650. Surety, National Surety Co. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(1445) E OTSEGA 107-6 S Santa Ysabel. One-story and basement frame dwelling.
Owner.....Roemer & Walton, 728 Page, San Francisco.
Architect...Fred A. Roemer, 728 Page, San Francisco.
Day's work. COST, \$1900

(1446) E MERCEDES WAY 56 N Cedro. Two-story and basement frame residence.
Owner.....Urban Realty Imp. Co., 903 Phelan Bldg., S. F.
Architect...None.
Day's work. COST, \$8000

(1147) W MISSION 85 S 18th. Two-story frame stores and rooms.
Owner.....Chas. Katz, 1202 Dolores, San Francisco.
Architect...None.
Day's work. COST, \$3000

(1448) SE PAGE AND STANYAN. Alter grill rooms.
Owner.....Henry P. Sophey, 500 Stanyan, San Francisco.
Architect...None.
Contractor...Edw. Wiltberg, 2198 Polson, San Francisco.
COST, \$500

(1419) N HOLLOWAY 25 E Golden State. One-story and basement frame dwelling.
Owner.....Thos. A. Wolfe, 344 Holloway Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(1450) NO. 430 EDDY. Reconstruct walls and alter front.
Owner.....J. R. Howell, Premises.
Architect...None.
Contractor...A. Lynch, 185 Stevenson, San Francisco.
COST, \$650

(1451) NOS. 711-13-15 CENTRAL AVE. Alterations and repairs to residence.
Owner.....J. P. Mortensen, Rio Vista, California.
Architect...None.
Day's work. COST, \$2500

(1452) EXPOSITION SITE. Plumbing, sewerage and water pipe for Food Products Building.
Owner.....Panama-Pacific International Exposition Co.
Architect...Bliss & Paville, Balboa Bldg., San Francisco.
Contractor...John G. Sutton Co., 243 Minna, San Francisco.
Filed April 17, '13. Dated April 8, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$16,350
Bond, \$5000. Sureties, John G. Sutton and H. M. Van Pelt. Limit, 200 days. Forfeit, \$10. Plans and specifications filed.

(1453) PILE FOUNDATIONS FOR Agricultural Building.
Contractor...Mercer-Fraser Co., 16 California, San Francisco.
Filed April 17, '13. Dated April 14, '13.
Payments same as above.....
TOTAL COST, \$14,475
Bond, \$8000. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days. Forfeit, \$10. Plans and specifications filed.

(1454) PILE FOUNDATIONS FOR Manufacturers Building.
Contractor...Contra Costa Constr. Co., Sheldon Bldg., S. F.
Filed April 17, '13. Dated April 14, '13.
Payments same as above.....
TOTAL COST, \$12,250
Bond, \$7000. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days. Forfeit, \$25. Plans and specifications filed.

(1455) INT. S BROADWAY AND SW Columbus Ave W 98 1/2 S 80 E 22 N 65-2 1/2 NW 19-2 1/2. All work for alterations and additions to two-story brick building into a three-story brick building.
Owner.....G. B. Antonini & Co., 843 Montgomery, S. F.
Architect...Chas. Pantoni, 916 Kearny, San Francisco.
Contractor...Nelson & Bauer, Metropolis Bank Bldg., San Francisco.
Filed April 17, '13. Dated April 16, '13.
Building roofed\$568.75
Tin and galvanized iron completed and bldg. brown coated 568.75
Completed and accepted..... 568.75
Usual 35 days..... 568.75
TOTAL COST, \$2275.00
Bond, \$1200. Sureties, W. H. Nolan and Jno. Frey. Limit, 36 days after April 18. Forfeit, \$3. Plans and specifications filed.

(1456) SE TENTH 64-6 NE Stevenson th along NE 10th 65-6 NE 230 W 130 SW 100 SE 64-6 SW 130. Addition to two-story Class "C" building.
Owner.....The F. Thomas Parisian Dyeing & Cleaning Works, 27 10th, San Francisco.
Architect...John Baur, Clunie Bldg., San Francisco.
Contractor...S. Saari.
Filed April 17, '13. Dated April 16, '13.
Steel work up and painted.....\$817
Brick work and fire escapes done 817
Completed and accepted..... 817
Usual 35 days..... 817
TOTAL COST, \$3268
Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(1457) NE SUTTER AND SANSOME. Granite and marble work for bldg.
Owner.....Anglo-California Trust Co., Premises.
Architect...Albert Pissis, Flood Bldg., San Francisco.
Contractor...American Marble & Mosaic Co., 268 Market, S. F.
Filed April 17, '13. Dated April 6, '13.
On list of each month 75% of value of work installed..... 25%
Usual 35 days, balance..... 25%
TOTAL COST, \$15,600
Bond, \$7800. Surety, American Surety Co. of New York. Limit, Sept. 1. Forfeit, \$20. Plans and specifications none.

(1458) W LISBON 175 N Persia. One and one-half-story and basement frame residence.

Owner.....Atlas Home Builders, California-Pacific Bldg., S. F.
Architect...National Architectural & Eng. Co., 68 Post, S. F.
Day's work. COST, \$2000

(1459) W LISBON 200 N Persia. One and one-half-story and basement frame residence.
Owner.....Atlas Home Builders, California-Pacific Bldg., S. F.
Architect...National Architectural & Eng. Co., 68 Post, S. F.
Day's work. COST, \$2000

(1460) W LISBON 125 N Persia. One and one-half-story and basement frame residence.
Owner.....Atlas Home Builders, California-Pacific Bldg., S. F.
Architect...National Architectural & Eng. Co., 68 Post, S. F.
Day's work. COST, \$2000

(1461) W LISBON 150 W Persia. One and one-half-story and basement frame residence.
Owner.....Atlas Home Builders, California-Pacific Bldg., S. F.
Architect...National Architectural & Eng. Co., 68 Post, S. F.
Day's work. COST, \$2000

(1462) NO. 90 ELGIN PARK. Addition of basement and brick foundation.
Owner.....Jas. T. Hagan, Duboce and Elgin Park, S. F.
Architect...None.
Contractor...C. P. Paulsen, 1201 Hollister Ave., San Francisco.
COST, \$400

(1463) E BELVEDERE 26 N Carmel Move and alter cottage and add two rooms.
Owner.....Frank Davey, 1024 Cole, San Francisco.
Architect...None.
Contractor...A. H. Wheeler, 712 Montgomery, San Francisco.
COST, \$1500

(1464) NO. 625 THIRD. Erect spiral chute.
Owner.....Danforth Warehouse Co., Premises.
Architect...None.
Contractor...W. E. Spiro, 268 Market, San Francisco.
COST, \$800

(1465) E TREAT AVE 246 S 23rd. Two-story and basement frame (2) flats.
Owner.....Patrick M. McDonald, 3037 24th, San Francisco.
Architect...None.
Day's work. COST, \$3850

(1466) NO. 2209 VAN NESS. Minor repairs to residence.
Owner.....Louis Metzger, Premises.
Architect...S. Schnalttacher, First National Bank Bldg., S. F.
Contractor...Louis Cereghino & Son, 6 Marshall, San Francisco.
COST, \$400

(1467) NOS. 1141-51 SUTTER. Underpin present building.
Owner.....Coulter's Platten Works, Premises.
Architect...C. M. Hausmann, 14 Montgomery, San Francisco.
Contractor...J. D. Hannah, Monadnock Bldg., San Francisco.
COST, \$400

(1468) E WISCONSIN 175 N 20th.
Two-story frame (2) flats.
Owner.....Peter Drocoss, 559 Wisconsin, San Francisco.

Architect...None.
Day's work. COST, \$1800

(1469) SE LAKE & TWENTY-FIFTH
Ave. Two-story and basement frame residence.

Owner.....Thos. Scoble, 363 14th Ave., San Francisco.

Architect...None.
Day's work. COST, \$5000

(1470) N BUSH 137½ E Dupont N 115 W 27½ N 22 ½ E 27½ N 70 E 58-9 S 70 E 20 S 137½ r a 78-9. Granite and brick work for two-story and basement Class "C" stores and offices.

Owner.....Macdonough Estate Co., Cr Baldwin & Howell, S. F.

Architect...Smith O'Brien, Humboldt Bank Bldg., S. F.

Contractor...Mealey & Collins, 185 Stevenson, San Francisco.

Filed April 18, '13. Dated April 3, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$6385

Bond, \$3192.50. Sureties, O. M. Tupper and Maurice Dillon. Limit, 15 days after building is ready. Forfeit, \$10. Plans and specifications filed.

(1471) CONCRETE AND ASPHALT work on street, basement and area floors, granite curbs, side walk, side walk lights, doors, etc., on above.

Contractor...J. J. Leonard, 2843 Howard, San Francisco.

Filed April 18, '13. Dated April 3, '13.
Payments same as above.....

TOTAL COST, \$3300

Bond, none. Limit, as fast as possible. Forfeit, \$10. Plans and specifications filed.

(1472) CLEARING, GRADING, EXCAVATING, bulkheading, concrete, elevator and other pits, forms, fireproofing, columns in basement, machine foundation, steps, ventilators, waterproofing, dampproofing walls and basement floors, etc., on above.

Contractor...J. J. Leonard, 2843 Howard, San Francisco.

Filed April 18, '13. Dated April 3, '13.
Payments same as above.....

TOTAL COST, \$11,675

Bond, \$5837.50. Sureties, I. W. Smith and J. K. O'Connor. Limit, 60 days from recording. Forfeit, \$10. Plans and specifications filed.

(1473) CARPENTER, INTERIOR FINISH, stair, hardware, glass, glazing, sheet metal, lath and plaster, marble and terrazzo and painting on above.

Contractor...Ward & Goodwin, 981 Guerrero, San Francisco.

Filed April 18, '13. Dated April 3, '13.
Payments same as above.....

TOTAL COST, \$16,033

Bond, \$8016.50. Surety, American Bonding Co. of Baltimore. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

(1474) STEEL AND CAST IRON WORK shop and field painting and erection of same on above.

Contractor...Central Iron Works, 651 Florida, S. F.

Filed April 18, '13. Dated April 3, '13.
Payments same as above.....

TOTAL COST, \$7720

Bond, \$3860. Sureties, Geo. S. Green and Natale Olivotti. Limit, 80 days. Forfeit, \$10. Plans and specifications filed.

(1475) PLUMBING, SEWERING AND gas fitting on above.

Contractor...J. E. O'Mara, 449 Minna, San Francisco.

Filed April 18, '13. Dated April 3, '13.
Payments same as above.....

TOTAL COST, \$2565

Bond, \$1282.50. Surety, National Surety Co. Limit, as fast as possible. Forfeit, \$10. Plans and specifications filed.

(1476) ELECTRIC WORK ON ABOVE

Contractor...Butte Eng. & Elec. Co., 685 Howard, San Francisco.

Filed April 18, '13. Dated April 3, '13.
Payments same as above.....

TOTAL COST, \$1195

Bond, \$597.50. Surety, National Surety Co. Limit, as fast as required. Forfeit, \$10. Plans and specifications filed.

(1477) E TWENTY-EIGHTH AVE 175 S Clement S 25xE 120 OL 208 All work for two-story frame residence.

Owner.....Wilhelm & Edna Adrian, 129 2nd Ave., S. F.

Architect...None.

Contractor...Investment & Constr. Co.

Filed April 18, '13. Dated April 17, '13.
TOTAL COST, \$3600

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(1478) N MISSION AND NEW MONTGOMERY NW 160-1¼ NE 138 SE 160 SW 143-10½. Structural steel for 3 two-story and basement Class "A" buildings.

Owner.....The Central Realty Co.

Architect...Sylvain Schnaittacher, 1st National Bank Bldg., S. F.

Contractor...The Ralston Iron Works, 20th and Indiana, S. F.

Filed April 18, '13. Dated April 14, '13.
Payments of 75% of work done each half month.....

Usual 35 days..... 25%

TOTAL COST, \$35,500

Bond, \$17,750. Surety, Equitable Surety Co. Limit, 170 days. Forfeit, \$50. Plans and specifications filed.

(1479) S GREENWICH 171-5½ E Baker E 22-10½ S 105 W 30 N 105-5.

All work for two-story frame store and flat.

Owner.....Jenny Johnson, 2468 Lombard, San Francisco.

Architect...C. O. Clausen, Phelan Bldg. San Francisco.

Contractor...A. N. Anderson, 138 Dolores, San Francisco.

Filed April 18, '13. Dated April 14, '13.
Frame up \$810

Brown coated 810

Completed and accepted..... 810

Usual 35 days..... 810

TOTAL COST, \$3240

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1480) S PACIFIC AVE 150 W Fillmore W 25xS 127-8. Plumbing, sewers, etc., for two-story, attic and basement frame flats.

Owner.....Henry Eisenberg, 2255 Pacific Ave., San Francisco

Architect...Albert Schroeffer, 68 Post, San Francisco.

Contractor...A. Davis, 1556 Dolores, S F

Filed April 18, '13. Dated April 15, '13.
Roughed in \$400

Completed and accepted..... 530

Usual 35 days..... 315

TOTAL COST, \$1245

Bond, \$625. Sureties, Chas. Lanfrier and J. H. Wright. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1481) NE VIENNA AND ITALY AVE 25x100. All work except window shades, gas fixtures and finish hardware for two-story frame (two flats and one store.)

Owner.....Pietro Baffa, 1226 Kearny, San Francisco.

Architect...None.

Contractor...V. Filippis, 1223 Kearny, San Francisco.

Filed April 18, '13. Dated April 18, '13.
Frame up \$1000

Brown coated 1000

Completed and accepted..... 1000

Usual 35 days..... 1000

TOTAL COST, \$4000

Bond, none. Limit, 90 days from April 28. Forfeit, none. Plans and specifications filed.

(1482) LOT 5 BLK 15 Crocker Amazon Tract. All work for one-story frame residence.

Owner.....R. D. Watkins, Belvedere, California.

Architect...Charles Paff, Merchants' Exchange Bldg., S. F.

Contractor...A. Sasso.

Filed April 18, '13. Dated April 15, '13.
Foundation in, building framed and rustic on and roof sheathed..... \$450

Plumbing installed and tested, outside frame completed..... 460

Completed and accepted..... 465

Usual 35 days..... 460

TOTAL COST, \$1825

Bond, \$912.50. Sureties, L. Dioguardi and Antonietta Scrima. Limit, 45 days from April 20. Forfeit, \$2.50. Plans and specifications filed.

(1483) NE GEARY AND VAN NESS Ave. Stairs, railing and iron ladder for building.

Owner.....None given in document, see foot note.

Architect...None given in document, see foot note.

Contractor...Peterson Rupp & Co., 407 Pine, San Francisco.

Sub-Contractor...A. Haus, 16th and Bryant, San Francisco.

Filed April 18, '13. Dated Jan. 20, '13.
TOTAL COST, \$1200

Bond, limit, forfeit, none. Plans and specifications, none.

NOTE:-Chas. L. Tilden, 62 Post is owner and C. A. Meussdorffer architect.

(1484) NO. 248 CORTLAND AVE. One story store room.

Owner.....T. R. Pilhof, Premises.

Architect...None.

Contractor...John Diestel, 2246 Mission, San Francisco.

COST, \$500

(1485) NW LOCUST AND JACKSON. Add one room.

Owner.....L. L. Roos, Premises.

Architect...Maybeck & White, Lick Bldg., San Francisco.

Contractor...H. I. Maddox, 4525 Mission, San Francisco.

COST, \$500

(1486) SE EIGHTH AND MARKET. Erect bill board.

Owner.....J. Chas. Green, 273 Valencia, San Francisco.

Architect...None.

Day's work. COST, \$400

(1487) E WHEELER 150 N Bay Shore.
One-story and basement frame dwlg.
Owner.....A. G. Duncan, Crocker
Bldg., San Francisco.

Architect...None.
Contractor...Wm. Long, 347 Raymond
Ave., San Francisco.
COST, \$450

(1488) N EDINBURGH 37-6 E Geneva.
One-story and basement frame dwlg.
Owner.....J. H. Ricketts, 77-A Col-
lingwood, San Francisco.

Architect...None.
Day's work. COST, \$1400

(1489) NO. 1455 ELEVENTH AVE.
Raise, underpin and lat proof.
Owner.....McEwen Bros., 475 Pine,
San Francisco.

Architect...None.
Contractor...Wm. Hamerton & Son, 1301
Waller, San Francisco.
COST, \$500

(1490) SW SAN BRUNO AND GAVEN.
One-story frame store.
Owner.....Louis Ywam, 2288 San
Bruno Ave., San Francisco.

Architect...None.
Day's work. COST, \$1000

(1491) NO. 19 REDONDO. Add two
rooms and new roof.
Owner.....A. Marchi, Premises.
Architect...None.

Day's work. COST, \$400

(1492) S NINETEENTH 37-6 W Dia-
mond. Two-story and basement
frame residence.
Owner.....P. A. Nelson, 4333 19th,
San Francisco.

Architect...None.
Day's work. COST, \$2000

(1493) CALIFORNIA AND MAPLE.
One-story frame infants' shelter.
Owner.....Children's Hospital, Prem.
Architect...Ward & Blohme, Alaska-
Commercial Bldg., S. F.

Contractor...L. A. Kern, 3646 17th, S. F.
COST, \$850

(1494) SE FIFTEENTH & ALBION
Ave. Repair factory.
Owner.....P. F. Ferguson, 2027 Val-
lejo, San Francisco.

Architect...None.
Contractor...Fred Miller, 225 Dolores,
San Francisco.
COST, \$400

(1495) NO. 20 ELLIS. Erect iron
frame.
Owner.....Chas. E. Corey, Palo Alto.
Architect...None.

Contractor...W. R. Fremersdorf, 1139
Market, San Francisco.
COST, \$400

(1496) NO. 1754 MISSION. Alter, re-
pair and add to flats.
Owner.....T. F. Kiernan, Premises.
Architect...Theo. W. Lenzon, Hum-
boldt Bank Bldg., S. F.

Day's work. COST, \$2000

(1497) NO. 2722 DIAMOND. One-story
and basement frame dwelling.
Owner.....Jos. N. Reid, 135 Crescent
Ave., San Francisco.

Architect...None.
Day's work. COST, \$1000

(1498) S CHURCH 50 E 27th. Three-
story and basement frame (5) flats.
Owner.....O. Busse, 784 Clementina,
San Francisco.

Architect...None.
Contractor...Steuer & Burg, 1407 O'Far-
rell, San Francisco.
COST, \$6500

(1499) N NEY 125 E Craut. One and
one-half-story and basement frame
dwelling.

Owner.....Dr. A. L. W. Zillmer, 3601
23rd, San Francisco.

Architect...None.
Contractor...Henry W. Zillmer, 3601
23rd, San Francisco.

COST, \$1800

(1500) S TWENTY-SIXTH 125 E Val-
encia. Three-story and basement
frame (3) flats.

Owner.....G. Lagomarsino, 3461 26th,
San Francisco.

Architect...None.
Contractor...Carraro & Co., 750 Felton,
San Francisco.

COST, \$3500

(1501) S EIGHTEENTH 25 W Clover
Ave. Two-story and basement frame
residence.

Owner.....George Hall, 585 Castro,
San Francisco.

Architect...None.
Contractor...C. Werner, 66½ Caselli
Ave., San Francisco.

COST, \$2400

(1502) E MASON 111 N Union. Three-
story and basement frame (3) flats.
Owner.....B. Lerocari, 2123 Powell,
San Francisco.

Architect...Paul De Martini, 451 Col-
umbus Ave., S. F.

Contractor...De Martini & Segale, 274
29th, San Francisco.

COST, \$6000

(1503) NW FILBERT AND POWELL.
Alter front, etc.
Owner.....P. Simi, Premises.
Architect...None.

Contractor...P. Corinignani, 1907 Lom-
bard, San Francisco.

COST, \$1150

(1504) NOS. 51 AND 53 GEARY. Alter
front, erect mezzanine floor, concrete
stairs, install door and erect parti-
tion.

Owner...Bankers' Investment Co.
Architect...Frederick Meyer, Bankers
Investment Bldg., S. F.

Contractor...M. Schmidt, 1816 Virginia,
Berkeley.

COST, \$3500

(1505) S TEHAMA 362 E Sixth. Two-
story and basement frame (4) flats.
Owner.....James Quinn, 2425 Folsom,
San Francisco.

Architect...None.
Contractor...Wm. Foley, 333 Irving,
San Francisco.

COST, \$4000

(1506) BLK BDED BY CALIFORNIA,
Jones, Sacramento and Taylor.
Painting of that portion of building
now being erected on California

street side and painting of all inter-
ior plaster, but not including
ceilings which are of wood.

Owner.....Grace Cathedral Cpn.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.

Contractor...Vincent J. Donovan, 725
Minna, San Francisco.

Filed April 19, '13. Dated April 16, 13.
On 15th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$935

Bond, \$497.50. Surety, The Aetna Ac-
cident & Liability Co. Limit, May 1.
Forfeit, none. Plans and specifications
filed.

(1507) S ELLIS 110 E Folk E 27-6xS
120. All work for three-story and
basement brick apartments.

Owner.....Joan Ruddy, 2462 Clay,
San Francisco.

Architect...A. F. & O. M. Rousseau,
Monadnock Bldg., S. F.

Contractor...Christiansen & Smith, 331
Hugo, San Francisco.

Filed April 19, '13. Dated April 16, '13.
2nd story joists on.....\$2512.50

Brick work finished and roof
boards on..... 2512.50

Ready for lathing..... 2512.50

Brown coated..... 2512.50

Standing trim on..... 2512.50

Completed and accepted..... 2512.50

Usual 35 days..... 5025.00

TOTAL COST, \$20,100.00

Bond, \$10,050. Surety, Southwestern
Surety Ins. Co. Limit, 130 days. For-
feit, \$10. Plans and specifications filed.

(1508) SW SIXTEENTH AND DEHON
S 50 W 27 S 3 W 28 N 53 E 55. All
work except excavation, cement
work, lath and plaster, plumbing,
heating, painting and roof work for
three-story and basement frame
apartments and store.

Owner.....C. F. Hornung, 422 Church
San Francisco.

Architect...Rhodes & Marisch, 3372
16th, San Francisco.

Contractor...Chas. Fernsworth & F. F.
Hall.

Filed April 19, '13. Dated April 12, '13.
2nd floor joists in & rustic on.....\$1000

Ready for roof..... 1200

Ready for plaster..... 1600

Completed and accepted..... 2350

Usual 35 days..... 2050

TOTAL COST, \$8200

Bond, \$4100. Surety, J. E. Devenport
Limit, 100 days. Forfeit, none. Plans
and specifications filed.

(1509) NE CARL AND COLE E 76xN
37-3. All work except plumbing,
electric work, window shades and
gas and electric light fixtures for
alterations and additions to frame
building (stores and flats.)

Owner.....George Breck, 40 Turk.
San Francisco.

Architect...Maxwell G. Engbee, Lick
Bldg., San Francisco.

Contractor...J. J. Harcom, 3640 Geary.
San Francisco.

Filed April 19, '13. Dated April 10, '13.
House raised and foundation
completed.....\$987

Interior boarding on..... 987

Completed and accepted..... 987

Usual 35 days..... 987

TOTAL COST, \$3945

Bond, \$2000. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 75 days.
Forfeit, \$8. Plans and specifications
filed.

(1511) SW CALIFORNIA AND VAN
Ness Ave—60x134 WA 87. All work
for four-story reinforced concrete
garage.

Owner.....Albert Abrams, 246 Powell
San Francisco.

Architect...M. J. Lyon & Co., Nevada
Bank Bldg., S. F.

Engineer...Heller & Wilson, 1st Na-
tional Bank Bldg., S. F.

Contractor...The Northern Constr. Co.,
Mills Bldg., San Francisco.

Filed April 19, '13. Dated April 18, '13.

Payments as work progresses.. 75%
 Usual 35 days..... 25%
TOTAL COST, \$43,370
 Bond, \$24,200. Surety, Fidelity & Deposit Co. of Maryland. Limit, 95 days.
 Forfeited, \$20. Bonus, \$20. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

April 11, 1913—N BANCROFT WAY
 66 W Sacramento 34x90. Bkly. F R
 Peake Co to J A Pinkerton. April 14, '13
 April 12, 1913—W TWENTY-SIXTH
 Ave 215 N Balboa (B) N 50xW 120.
 Samuel B Mertes to Samuel B Mer-
 tes..... April 11, 1913
 April 12, 1913—S TWENTY-THIRD
 25 W York W 50 S 36 W 25 S 68 E
 175 N 104. Ferro Bros to V Fillpiss
 April 12, 1913—LOT 25x120 FT. 225
 S from S California No. 330 24th
 Ave. George Conlan to whom it
 man concern..... April 4, 1913
 April 12, 1913—W SCOTT 92-6 S
 Green S 45xW 110. Clara S Hamil-
 ton to Frederick W Snook. April 2, '13
 April 14, 1913—E CAPISTRANO AVE
 447 N Santa Rosa Ave. Lot 21 Bk
 "A" Mission Terrace. Harold C
 Lindberg to H F Nilsson. April 8, 1913
 April 14, 1913—E STEUART 87-6 S
 Market S 20x E 45-10. George E
 Billings to J W Carr. April 12, 1913
 April 14, 1913—SE ATHENS 100 NE
 France Ave NE 50xNW 100 ptn
 Lot 5 Bk 62 Excl Hd. Tony Valer-
 go to whom it may concern.....
 April 12, 1913
 April 14, 1913—LOT 32 BLK 7, Lake-
 view. William S Ulmer to Stephen-
 son & Parry..... April 12, 1913
 April 15, 1913—S GEARY 137-6 W
 Jones W 51xS 137-6. H W New-
 bauer Invest Co to F L Hansen.....
 April 10, 1913
 April 15, 1913—E WALNUT 100 S
 Sacramento 19-7½x137. V Loren-
 zini to Montani & Stefani.....
 April 15, 1913
 April 15, 1913—N ALVARADO 100 E
 Castro N 30x114. Thos Scoble to
 whom it may concern..... April 5, 1913
 April 15, 1913—W Ashbury 100 S
 Frederick S 25x100. J Loustale to
 J Narbury..... April 11, 1913
 April 15, 1913—NW HOWARD 410 SW
 Third SW 40xNW 80. Eisenbach Co
 to A Dahlberg..... April 5, 1913
 April 15, 1913—NW BUSH & SAN-
 some N 137-6xW 67-6. Standard
 Oil Co to Yale & Towne Mfg Co.....
 April 11, 1913
 April 16, 1913—S CLAY 80 E Taylor
 25x94-4. Louis D Stoff to whom it
 may concern..... April 16, 1913
 April 16, 1913—E GOUGH 111 S Fil-
 bert 26-6x101. M Bazzini to whom
 it may concern..... April 11, 1913
 April 16, 1913—S KIRKHAM 32 W
 10th Ave S 100x25. Edward J and
 Lulu Blanchard to A H Wheeler.....
 April 16, 1913
 April 16, 1913—SW VAN NESS AVE
 and Pine S 80xW 84-9. M Fisher
 to whom it may concern. April 8, 1913
 April 16, 1913—E FILLMORE 60 N
 Greenwich N 25-6x E 80. Conrad
 and Henry Gatzert to A Brisa.....
 April 14, 1913
 April 18, 1913—EXPOSITION SITE.
 Panama-Pacific International Ex-
 position Co to Pringle Dunn & Co.
 (2 completion notices). April 16, 1913
 April 18, 1913—E ALBION AVE 110

S 16th S 30x E 120. John P Spaar
 to whom it may concern. April 17, '13
 April 18, 1913—HARTFORD NO. 247,
 bet 19th and 20th. Archibald Mc-
 Nelli to O E Evans..... April 18, 1913
 April 18, 1913—W TWENTY-SIXTH
 Ave 225 N Judah N 50xW 120.
 Edgar G Getz to F A Klein..... April 16, 1913
 April 18, 1913—N SACRAMENTO 225
 E Drumm N 119-6x E 50. Union
 Pacific Salt Co to Brandon & Law-
 son..... March 28, 1913
 April 18, 1913—N SACRAMENTO 200
 E Drumm N 59-9x E 25. Union
 Pacific Salt Co to Brandon & Law-
 son, Mar. 28; John Spargo. Mar. 10, '13
 April 18, 1913—NE GEARY & JONES
 E 62-6xN 77-6. S and Gump Realty
 Co to Dyer Bros Golden West Iron
 Works..... April 18, 1913
 April 18, 1913—SE HOWARD 90 SE
 11th 30-8 on Howard 90 feet deep,
 30 feet in rear. William McCall to
 W F Duffer..... April 1, 1913
 April 18, 1913—SW O'FARRELL AND
 Carlos Place S 57-6 E 2-6 S 40 W 60
 N 7-6 E 57-6. The Levy Real Est
 Co to G P W Jensen, Wm F Wilson,
 The John G Sutton Co and I R
 Kissel, Central Elec Plumbing &
 Heating Co..... April 10, 1913
 April 19, 1913—N SUTER 122-9 W
 Sansome W 122-3xN 137-6. Chas.
 Holbrook to Hicks & Polte.....
 April 18, 1913
 April 19, 1913—LOTS 313 AND 315
 Gift Map No. 2. Knut Anderson to
 whom it may concern. April 8, 1913
 April 19, 1913—W FIFTEENTH AVE
 175 N Irving N 25xW 127-6. Sun-
 set Home Realty Co to Cox Bros
 April 19, 1913
 April 19, 1913—NE PACIFIC AND
 Mason N 137-6x E 137-6. Roman
 Catholic Archbishop of S F to Jas
 L McLaughlin..... April 9, 1913

LIENS FILED.

San Francisco.

April 11, 1913—SE MARKET 150-1½
 NE 7th SE 165-1xNE 75. Cunn-
 ingham & Politeo, \$1531.25; Frank
 Klimm, \$2328.50 vs Boston and S F
 Amusement Co.....
 April 12, 1913—NW POST & AGATE
 Ave N 60xW 40. Donald Mowat vs
 Lindgren Co and Rosie Rosenberg
 and A Rosenberg..... \$3120.80
 April 15, 1913—E TWELFTH AVE
 175 N Noriega N 25x E 120. R S K
 Macmillen vs D B Bruce..... \$169.44
 April 17, 1913—N ST. MARY'S AVE
 dist - W Mission W 25xN 100; No.
 30 St. Mary's Ave. H S Thomson vs
 J O'Connell..... \$182.81
 April 17, 1913—S BUSH 45 E Powell
 E 23-6xS 67-6. W P Fuller & Co vs
 G C F Schwarz and A Dahlberg.....
 \$142
 NOTE:—The above lien was released
 immediately after being filed.
 April 17, 1913—NW POST & AGATE
 Alley N 60xW 40. A G Mitchell vs
 Rosie Rosenberg and Donald Mowat
 \$508.56
 April 18, 1913—BLK BDRD BY BAL-
 boa, 47th Ave, Sutro Heights Ave
 and 46th Ave. Commercial Bldg Co
 vs Golden Gate Ostrich Farm
 (Leasehold interest) and Albert
 Myers..... \$1134.50
 April 18, 1913—E PETERS AVE 78
 SW Fair Ave SW 100xSE 73-6.
 Hauptman Lumber Co vs Jos
 Stromswold \$598.22

OAKLAND AND ALAMEDA COUNTY.

BUNGALOW—1½ story and base,
 frame, \$2,500. Oakland, Cal. Architect,
 A. W. Smith, 1010 Broadway, Oakland.
 Owner, Mr. Murray. The house will
 contain six rooms, bath and sleeping
 porch. Interior will be finished in pine
 throughout with hardwood floors in the
 principal rooms. Tile will be used
 in the bath room and kitchen. There
 will be furnace heat and open fire
 place. Mantel will be of tile or brick.
 The exterior of the house will be covered
 with cement plaster on metal lath.
 Plans are complete and figures are be-
 ing taken.

RESIDENCE—2 story and base,
 frame, \$10,000. Berkeley, Alameda Co.,
 Cal. Architect, Edward T. Foulkes,
 Crocker Bldg., S. F. Owners name with-
 held. The house will be erected in the
 Claremont Tract, and will contain 11
 rooms, baths and sleeping porches. In-
 terior finish will be of pine and hard-
 wood. There will be furnace heat and
 open fire places. A Ruud heater will
 be installed. Mantels will be of brick
 or tile. Tile will be used in the bath
 rooms and kitchen. Exterior of the
 dwelling will be covered with cement
 plaster on metal lath. Plans are com-
 plete and figures are being taken.

BUNGALOW—1½ story and base,
 frame, \$3,000. Piedmont, Alameda Co.,
 Cal. Architect, none. Owners, United
 Home Builders, 162 Broadway, Oak-
 land. The house will contain seven
 rooms, bath and sleeping porch. In-
 terior finish will be of pine and hard-
 wood veneer. Hardwood floors will be
 used in the living room, dining room
 and reception hall. There will be fur-
 nace heat and open fire place. Mantel
 will be of brick. Tile will be used in
 the bath room and kitchen. The ex-
 terior of the house will be covered
 with shingles. Plans are complete
 and the work will be done by Day
 Labor.

RESIDENCE—2 story and base,
 frame. Cost not stated. Berkeley, Ala-
 meda Co., Cal. Architect, John Hudson
 Thomas, First National Bank Bldg.,
 Berkeley. Owner, Mr. Garrett. The
 dwelling will be erected on Russell
 street, and has been designed for an
 eight-room house with bath and sleep-
 ing porch. All interior finish will be
 of pine. Hardwood floors will be used
 in the principal rooms. There will be
 furnace heat and open fire places.
 Mantels will be of brick and tile. Tile
 will also be used in the bath room and
 kitchen. Exterior of the dwelling will
 be covered with cement plaster on
 metal lath. Plans are being prepared.

RESIDENCE—2 story and base,
 frame, \$4,000. Berkeley, Alameda Co.,
 Cal. Architect, W. H. Ratcliff, First
 National Bank Bldg., Berkeley. Own-
 er, G. P. Adams. The dwelling will be
 erected in the Thousand Oaks Tract,
 and will contain eight rooms, bath and
 sleeping porch. Interior finish will be
 of pine throughout. There will be fur-
 nace heat and a large open fire place.
 Mantel will be of brick. Floors in the
 living room, dining room and recep-
 tion hall will be of hardwood. Bath
 room and kitchen will have tile wain-
 scot. The exterior of the house will
 be covered with shingles. Plans are
 complete and figures are now being
 taken by the architect.

RESIDENCE—2 story and base,
 frame, \$3,500. Berkeley, Alameda Co.

Cal. Architect, Karl H. Nickel, Syndicate Bldg., Oakland. Owner, C. J. Gordon. The house has been designed for a seven-room dwelling with bath. Interior will be finished in pine throughout with hardwood floors in the two principal rooms. There will be furnace heat and a large open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

BUNGALOW—1 story and base, frame, \$2,500. Berkeley, Alameda Co., Cal. Architect, none. Owner, C. M. Johnson, 2317 Carlton St., Berkeley. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine and redwood with some oak floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor.

BUNGALOWS—2, 1 story and base, frame, \$3,000 and \$3,500. Piedmont, Alameda Co., Cal. Architect, none. Owners, Flitter and Winlund, 1721 Telegraph Ave., Oakland. These houses will be erected on Ronado street, and will contain seven and eight rooms respectively. Interiors will be finished in pine and hardwood. Oak floors will be used in the living and dining rooms and reception halls. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms and kitchens will be finished in tile. Ruud water heaters are specified. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, Wallace Clark, 1444 Broadway, Oakland. The house will contain eight rooms, baths and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile and brick. Tile will also be used in the bath rooms and kitchen. Plans provide for an automatic water heater. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

HOTEL—6 story and base, brick and steel, \$60,000. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owners, Frank Pereira Realty Co. The building is to be erected at the southeast corner of 8th and Washington streets and will cover a considerable ground area. Several stores, the hotel lobby and offices will occupy the first floor. Upper floors will be arranged for about 120 rooms, a number of which will have connecting baths. Plans include steam heat, elevator service, vacuum cleaning and a hot water system. Oil burning furnace will be installed. Baths will have tile floors and wainscot. The exterior of the building will be faced with pressed brick. Interior finish will be of pine and hardwood. Ornamental plaster will be used in the lobby. Bids are now being taken on the structural steel and figures on the general contract will be called for shortly.

HOTEL ALTERATIONS—\$1,500. Oakland, Cal. Architect, Ivan C. Satterlee, 470 13th street, Oakland. Owners, Hotel Avalon Co. This work will include new sash and doors, new steam radiators, plumbing, tinting, plastering and electric work. Plans are ready for figures.

CLUB HOUSE—3 story and base, frame, \$20,000. Berkeley, Alameda Co., Cal. Architects, Parker & Kenyon, 244 Kearny St., S. F. Owners, Twentieth Century Club. This work has been mentioned here before when plans were first out for figures. Several changes have been made and new figures will be called for at once. The building will contain a large meeting room, library, social hall, dining room and complete kitchen equipment. Interior will be handsomely finished in pine and hardwoods with hardwood floors throughout. A central heating system will be installed. The exterior of the building will be covered with cement plaster and shingles.

SCHOOL—2 story and base, frame, \$25,400. Piedmont, Alameda Co., Cal. Architect, Irwin Schaefer, Bacon Bldg., Oakland. Owners, Town of Piedmont. The building will contain six class rooms and an auditorium. There will be a central heating system. Interior will be finished in pine with some maple floors. Besides the rooms above mentioned, there will be two teachers' rooms, library and principal's office. The exterior of the building will be covered with cement plaster on metal lath. A site has been secured at the corner of Lake and Linda streets. Plans are nearly complete and figures will be called for shortly.

Building Contracts Awarded

Oakland.

1155	Wilton	Rankin	3000
1156	Leiter	Leiter	200
1157	MacArthur	Owner	200
1158	Carlson	Adlin	1200
1159	Corbus	Corburn	2500
1160	Hambelton	Owner	2700
1161	Hinch	Hinch	2500
1163	Burger	Burkes	2400
1164	Same	Same	2400
1165	Same	Same	2400
1168	Farris	Farris	2500
1167	Coit	Coit	3000
1172	United Bldgs	Owner	3000
1173	Ritty Synd	Cederborg	2125
1174	Blymeyer	Blymeyer	450
1175	Eagles Hall	Owner	400
1176	Donaldson	Donaldson	1000
1177	Carpenter	Carpenter	700
1178	Pac G & E Co	Owner	1200
1179	Cardinet	Price	500
1180	Kote	Jones	500
1181	Van Arsdale	Knight	2000
1182	Fletter	Windlund	3000
1183	Same	Same	3500
1184	Clark	Clark	1500
1185	Christensen	Owner	1950
1186	McArthur	McArthur	2700
1187	Coit	Coit	3500
1188	MacGarrigle	MacGarrigle	2500
1189	Short	Burks	1950
1190	Franks	Franks	1950
1193	Fell	Morgensen	4100
1197	Hollidge	Wieben	2400
1198	Near	Near	2500
1199	Taylor	Peters	3250
1200	Myers	Myers	2800
1201	Dobson	Ernsberger	2370
1202	Kote	Jones	500
1203	Anderson	Willford	1000
1204	Ingle	Corbett	450
1205	Truelson	Cuthbert	850
1206	Ry	Sand	2500
1212	McMillan	Legault	1850
1213	Pfrang	Pfrang	2500
1214	Pfrang	Pfrang	2500
1215	Pfrang	Pfrang	2500
1216	Beck	Murdock	450
1217	Guido	Silva	2450
1218	Bruce	Bruce	1900
1219	Button	Button	5000
1220	Pfrang	Pfrang	2500
1224	Holloway	Owner	1600
1225	Marston	Gorfield	400
1226	Butler	Butler	2500

1227	Ahlstrom	Litton	1300
1228	Cannon	Jones	400
1229	Healy	Healy	1800

(1155) W NINETY-FOURTH AVE 50 N Peach, Oakland. One-story five-room dwelling.

Owner.....C. E. Wilson, 94th Ave and Boulevard, Oakland.

Architect...None.

Contractor...S. G. Rankin, 5670 Oak Grove Ave., Oakland.

COST, \$3000

(1156) N ATHOL AVE 204 W Newton Ave., Oakland. One and one-half-story 8-room dwelling.

Owner.....E. T. Letter & Sons, Builders' Exchange, Oakland.

Architect...None.

Day's work.

COST, \$2900

(1157) E SIXTY-FIFTH AVE 40 S Arthur, Oakland. One-story 5-room dwelling.

Owner.....MacArthur Bros., 1560 Fell San Francisco.

Architect...None.

Day's work.

COST, \$2000

(1158) W NINTH AVE 110 S E-28th, Oakland. One-story 3-room dwlg.

Owner.....C. G. Carlson, 2590 25th Ave., Oakland.

Architect...None.

Contractor...Chaffin & Blabon, 3745 Maple Ave., Oakland.

COST, \$1200

(1159) S WESLEY AVE 250 W Newton, Oakland. One-story 6-room dwelling.

Owner.....A. W. Corbus, 1542 Broadway, Oakland.

Architect...None.

Day's work.

COST, \$2500

(1160) S WELLINGTON AVE 1090 E 13th Ave., Oakland. One-story six-room dwelling.

Owner.....Mabel L. Hambelton, 585 43rd, Oakland.

Architect...None.

Contractor...Fred Hambelton, 585 43rd, Oakland.

COST, \$2700

(1161) S WESLEY AVE 200 N Newton Ave., Oakland. One-story five-room dwelling.

Owner.....J. T. Hinch, 1542 Broadway, Oakland.

Architect...None.

Day's work.

COST, \$2500

(1163) N GLENDALE AVE 170 E Manila Ave., Oakland. One-story 5-room dwelling.

Owner.....Frank Burger, 858 52nd, Oakland.

Architect...None.

Contractor...C. E. Burkes, 5177 Genoa, Oakland.

COST, \$2400

(1164) N GLENDALE AVE 130 E Manila Ave., Oakland. One-story 5-room dwelling.

Owner.....Frank Burger, 858 52nd, Oakland.

Architect...None.

Contractor...C. E. Burkes, 5177 Genoa, Oakland.

COST, \$2400

(1165) N GLENDALE AVE 210 E Manila Ave., Oakland. One-story 5-room dwelling.

Owner.....Frank Burger, 858 52nd, Oakland.

Architect...None.

Contractor...C. E. Burkes, 5177 Genoa, Oakland.

COST, \$2400

(1168) W CORONADO 260 N 51st, Oakland. One and one-half-story six-room dwelling.
Owner.....W. A. Farris, 16 Monte Vista Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1169) W MANILA AVE 100 N 51st, Oakland. One-story 5-room dwlg.
Owner.....C. B. Colt, 1522 Broadway, Oakland.
Architect...A. J. Mazurette, 1522 Broadway, Oakland.
Contractor..Roger Colt, 1522 Broadway, Oakland.
COST, \$2000

(1172) W LAKE AVE 18 S Greenbank Ave., Piedmont. One and one-half-story frame residence.
Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3000

(1173) LOTS 52 AND 53 Map Fortleth Street Tract, Oakland. All work for one-story dwelling.
Owner.....Really Syndicate, Syndicate Eldgs, Oakland.
Architect...None.
Contractor..Cederborg & Anderson, 1033 Poplar, Oakland.
Filed April 15, '13. Dated Mar. 26, '13.
Frame completed, roof sheathed and chimney built\$550
Plumbing and electric work roughed in, exterior mill work in place, exterior covering and 1st interior coat plaster completed 550
Usual 35 days..... 550
TOTAL COST, \$2125
Bond, none. Limit, 90 days from date of agreement. Forfeit, none. Plans and specifications filed.

(1174) NO. 2741 PRINCE, Oakland. Alterations.
Owner.....G. G. Blymeyer, Premises.
Architect...None.
Day's work. COST, \$450

(1175) NO. 3730 E-FOURTEENTH, Oakland. Alterations.
Owner.....Fruitvale Eagles' Hall Association, Premises.
Architect...None.
Day's work. COST, \$400

(1176) W EASTMAN AVE 200 S Sutter, Oakland. One-story 5-room cottage.
Owner.....T. Donaldson, Sutter and Eastman Ave., Oakland.
Architect...None.
Day's work. COST, \$1000

(1177) NO. 3738 FOURTEENTH, Oakland. Addition.
Owner.....L. W. Carpenter, Premises.
Architect...None.
Day's work. COST, \$700

(1178) SE SIXTH AND JEFFERSON, Oakland. Alterations.
Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.
Architect...None.
Day's work. COST, \$1200

(1179) NO. 1131 KIRKHAM, Oakland. Alterations and additions.
Owner.....Cardinet Bros., Premises.
Architect...None.

Contractor..J. O. Price, Blake Bldg., Oakland.
COST, \$500

(1180) NO. 769 TWENTY-FIRST, Oakland. Alterations and additions.
Owner.....L. W. Kay, 418 10th, Okd.
Architect...None.
Contractor..G. W. Jones, 874 Meade Ave., Oakland.
COST, \$500

(1181) W EIGHTY-SEVENTH AVE 280 N Holly, Oakland. One-story 5-room dwelling.
Owner.....Cecelia Van Arsdale, Elmhurst.
Architect...None.
Contractor..H. C. Knight, 1725 Broadway, Oakland.
COST, \$2000

(1182) E RONADA 200 N Grand, Piedmont. One-story residence.
Owner.....Fletter & Winlund, 1721 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$3000

(1183) E RONADA AVE 150 N Grand, Piedmont. One and one-half-story frame house.
Owner.....Fletter & Winlund, 1721 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$3500

(1184) N OAKLAND AVE opp. Greenbank, Piedmont. Two-story residence.
Owner.....Wallace Clark, 1444 Broadway, Oakland.
Architect...None.
Day's work. COST, \$4500

(1185) N LA VERNE 500 W 55th Ave., Oakland. One-story 5-room dwlg.
Owner.....C. Christensen, 5410 E-12th Oakland.
Architect...None.
Day's work. COST, \$1950

(1186) S E-THIRTY-SEVENTH 100 W 13th Ave., Oakland. One and one-half-story 6-room dwelling.
Owner.....H. S. McArthur, 6121 8th Ave., Oakland.
Architect...None.
Day's work. COST, \$2700

(1187) W GRAND AVE 120 S Bonham Way, Oakland. One and one-half-story 6-room dwelling.
Owner.....C. B. Colt, 1522 Broadway, Oakland.
Architect...A. J. Mazurette, 1522 Broadway, Oakland.
Contractor..Roger Colt, 1522 Broadway, Oakland.
COST, \$3500

(1188) SW SUNNYSLOPE & GRAND Ave., Oakland. Two-story 10-room flats.
Owner.....Mrs. McQuarrie, Oakland.
Architect...None.
Contractor..C. M. MacGregor, 470 13th, Oakland.
COST, \$2500

(1189) N SIXTY-SECOND 390 E Canning, Oakland. One-story five-room dwelling.
Owner.....A. Short, 438 62nd, Okd.
Architect...None.
Contractor..C. E. Burks, 5117 Genoa, Oakland.
COST, \$1950

(1190) S CLIFTON 140 E Manila, Oakland. One-story 5-room dwlg.
Owner.....P. H. Franks, 2709 McGee Ave., Berkeley.
Architect...None.
Day's work. COST, \$1950

(1193) W ADELINE 115 N 41st 72x105 Emeryville, Oakland. All work for two one-story dwellings.
Owner.....L. D. Fell, 4103 Adeline, Oakland.
Architect...T. W. Lenzen, Humboldt Bank Bldg., San Francisco.
Contractor..Adolph Morgensen, 560 63rd, Oakland.
Filed April 15, '13. Dated April 12, '13.
Rough frames up.....\$1000
Enclosed and brown coated.... 1050
Completed and accepted..... 1025
Usual 35 days..... 1025
TOTAL COST, \$4100

Bond, \$2050. Sureties, William and Emma S. Morgensen. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1197) N TAFT AVE 220 E Broadway, Oakland. One-story 5-room dwlg.
Owner.....Geo. H. Hollidge, 1011 Oak, Alameda.
Architect...None.
Contractor..Alex. C. Wieben, 2010 38th Ave., Oakland.
COST, \$2400

(1198) W WEST 40 S 41st, Oakland. One-story 5-room dwelling.
Owner.....Wm. F. Neary, 1512 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(1199) E HANOVER 300 S Brooklyn Ave., Oakland. Two-story 8-room dwelling.
Owner.....Taylor Bros. & Co., First National Bank Bldg, Okd.
Architect...None.
Contractor..Fred Peters, 333 Portland Ave., Oakland.
COST, \$3250

(1200) N TWENTIETH, bet Broadway and Telegraph Ave., Oakland. Fire repairs.
Owner.....J. S. Myers, 17th and Broadway, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Day's work. COST, \$2800

(1201) S SIXTEENTH 110 E Spring E 40 xs 100, Oakland. All work for one and one-half-story dwelling.
Owner.....Geo. W. Dobson, 3017 Grove Court, Berkeley.
Architect...None.
Contractor..Ernsberger & Dildine, 325 59th, Oakland.
Filed April 17, '13. Dated April 14, '13.
Frame up and rafters on..... 34
1st coat plaster completed..... 34
Completed and accepted..... 34
Usual 35 days..... 34
TOTAL COST, \$2370

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1202) E JEFFERSON 100 N 8th, Oakland. Alterations.
Owner.....Wm. E. Bloie, 254 Park View Terrace, Oakland.
Architect...None.
Day's work. COST, \$800

(1203) NO. 720 FIFTY-EIGHTH, Oakland. Fire repairs.

- Owner.....Pete Anderson, 622 47th, Oakland.
 Architect...None.
 Contractor...Howard Willford, 3 Cor. 55th and Dover, Oakland.
 COST, \$1000
- (1204) NO. 514 THIRTEENTH, Oakland. Alterations.
 Owner.....G. N. Ingle, Room 304, 408 12th, Oakland.
 Architect...None.
 Contractor...Corbett & Bayliss, 1110 Franklin, Oakland.
 COST, \$450
- (1205) N FIFTY-NINTH & STANFORD Ave., Oakland. One-story 3-room dwelling.
 Owner.....B. R. Truelson, 59th and San Pablo Ave., Oakland.
 Architect...None.
 Contractor...R. Cuthbert, 1015 61st, Okd
 COST, \$550
- (1206) N QUIGLEY AVE 75 N Maple, Oakland. One-story 4-room dwlg.
 Owner.....Realty Syndicate, Syndicate Bldg., Oakland.
 Architect...None.
 Day's work. COST, \$1600
- (1212) N FIFTY-FOURTH 120 W Lowell, Oakland. One-story 5-room dwelling.
 Owner.....P. D. McMillan, 724 26th, Oakland.
 Architect...None.
 Contractor...Oliver Legault, 3136 West, Oakland.
 COST, \$1850
 NOTE:—Frame is up.
- (1213) W SIXTY-SIXTH AVE 40 S Arthur, Oakland. One-story 5-room dwelling.
 Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500
- (1214) W SIXTY-SIXTH AVE 320 S Arthur, Oakland. One-story 5-room dwelling.
 Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500
- (1215) W SIXTY-SIXTH AVE 360 S Arthur, Oakland. One-story 5-room dwelling.
 Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500
- (1216) E HUNTINGTON AVE 23 S Albert, Oakland. One-story 4-room dwelling.
 Owner.....Mrs. Beck, 2125 Blake, Bkly
 Architect...None.
 Contractor...Frank Murdock, 2120 Emerson, Berkeley.
 COST, \$450
- (1217) N E-TWENTY-FIFTH 127½ NW 21st Ave., Oakland. One-story 7 room dwelling.
 Owner.....Jose Guido, 2123 E-1th, Okd
 Architect...None.
 Contractor...J. M. Silva, 2869 Ford, Oakland.
 COST, \$2450
- (1218) E FORTY-SECOND AVE 125 N Carrington, Oakland. One-story 5-room dwelling.
- Owner.....J. C. Bruce, 2501 42nd Ave., Oakland.
 Architect...None.
 Day's work. COST, \$1800
- (1219) E PROSPECT 80 S Ocean View Drive, Oakland. Two-story eight-room dwelling.
 Owner.....I. W. Button, 5930 Telegraph Ave., Oakland.
 Architect...None.
 Day's work. COST, \$5000
- (1220) E GREENWOOD — N Hampel, Oakland. One-story 5-room dwlg.
 Oyner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500
- (1224) W FORTY-FIFTH AVE 280 N Melrose, Oakland. One-story 5-room dwelling.
 Owner.....Geo. K. Holloway Jr., Hayward, Cal.
 Architect...None.
 Day's work. COST, \$1600
- (1225) NO. 5308 GENOA, Oakland. Alterations.
 Owner.....Mrs. N. Marston, Premises.
 Architect...None.
 Contractor...Chas. Gornfeld, 2130 25th Ave., Oakland.
 COST, \$100
- (1226) SE FIFTY-NINTH & CLAREMONT, Oakland. One and one-half-story 6-room dwelling.
 Owner.....H. S. Butler, 5349 Manila Ave., Oakland.
 Architect...None.
 Day's work. COST, \$2500
- (1227) NO. 2321 TWENTY-SEVENTH Ave., Oakland. Alterations and additions.
 Owner.....Chas. Ahlstrom, Premises.
 Architect...None.
 Contractor...Roy B. Litton, 2326 26th Ave., Oakland.
 COST, \$1300
- (1228) NOS 661-663 SEVENTH, Oakland. Alterations.
 Owner.....John J. Cannon, 666 7th, Oakland.
 Architect...None.
 Contractor...F. G. Jones, 1217 Webster, Oakland.
 COST, \$400
- (1229) N PLEASANT 350 E Fruitvale Ave., Oakland. One and one-half-story 5-room dwelling.
 Owner.....H. P. Healy, 4023 Everett, Oakland.
 Architect...None.
 Day's work. COST, \$1800
- Owner.....O. J. Levy and E. J. Roehl, 1724 San Pablo Ave, Okd.
 Architect...None.
 Day's work. COST, \$1700
- (1166) W BONAR 336 N Dwight Way, Berkeley. One-story 5-room dwlg.
 Owner.....V. Wehe, 1613 Telegraph Ave., Oakland.
 Architect...None.
 Contractor...O. M. Bullock, 1952 Broadway, Oakland.
 COST, \$1750
- (1167) NE ALCATRAZ AVE AND Lewiston, Berkeley. Two-story 7-room dwelling.
 Owner.....C. C. Dickson, 3009 Hille-gass, Berkeley.
 Architect...None.
 Contractor...W. S. Montgomery, 2321 Ward, Berkeley.
 COST, \$5400
- (1170) W GROVE 224 N Berryman, Berkeley. One-story 6-room dwlg.
 Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
 Architect...None.
 Day's work. COST, \$2500
- (1191) W SAN PABLO AVE 200 N Addison, Berkeley. One-story 9-room brick store and flats.
 Owner.....Henry Peterson, 2100 San Pablo Ave., Berkeley.
 Architect...None.
 Contractor...E. J. Aalto, 1531 California Berkeley.
 COST, \$5000
- (1192) BERKELEY. All work for garbage incinerator.
 Owner.....City of Berkeley.
 Architect...None.
 Contractor...Refuse Disposal Co. S. F. Filed April 15, '13. Dated Mar. 31, '13.
 End of each month..... 75%
 Within 20 days after city engineer accepts building; the city accepts bldg. and within 20 days pays..... 10%
 End of 6 months..... 7½%
 End of 1 year..... 7½%
 TOTAL COST, \$61,250
 Bond, none. Limit, 150 days. Forfeit, none. Plans and specifications filed.
- (1194) N PARKER 110 E California, Berkeley. One and one-half-story 6-room dwelling.
 Owner.....G. M. Hews, 1546 Dwight way, Berkeley.
 Architect...None.
 Day's work. COST, \$1800
- (1195) N JULIA 210 W California, Berkeley. One-story 5-room dwlg.
 Owner.....G. W. Hughes, 320 10th, Okd
 Architect...None.
 Contractor...A. H. Rose & Co., 539 17th, Oakland.
 COST, \$2000
- (1196) E ACTON; 411.26 N Dwight Way, Berkeley. One-story 5-room dwelling.
 Owner.....C. F. Peterson, 2416 Acton, Berkeley.
 Architect...None.
 Day's work. COST, \$2000
- (1207) W SACRAMENTO 100 N Delaware, Berkeley. One-story 3-room dwelling.
 Owner.....Carl Martin, 1527 San Pablo Ave., Berkeley.
 Architect...None.
 Day's work. COST, \$1000

Building Contracts Awarded.

Berkeley.

1162	Levy	Roehl	1700
9166	Wehe	Bullock	1750
1167	Dickson	Montgomery	5400
1170	Peake	Peake	2500
1191	Peterson	Aalto	5000
1192	Berkeley	Ref Disp Co	61250
1194	Hews	Hews	1800
1195	Hughes	Rose	2000
1196	Peterson	Peterson	2000
1207	Martin	Martin	1000
1208	Marks	Duira	400
1221	Lorenz	Grainger	625
1222	Madden	Johanson	5413
1223	Waldie	Waldie	3900

(1162) W BRUCE 195 S Channing Way, Berkeley. One-story 5-room dwlg.

(1268) NO. 1226 KAINS AVE, Berkeley.
Additions and alterations.
Owner.....H. O. Marks, Premises.
Architect.....None.
Contractor.....A. V. Dutra, 725 Adams,
Berkeley.

COST, \$100

(1221) W HILLEGASS AVE 180 N
Woolsey being Lot 19 Bk "C" Bate-
man Tract, Berkeley. All work ex-
cept lighting fixtures for dwelling.
Owner.....William F. and Alice W.
Lorenz, 2994 Adeline, Bkly
Architect.....None.

Contractor.....L. L. Grainger, 513 66th,
Oakland.

Filed April 18, '13. Dated April 17, '13.
Material on ground and frame up 3/4
Enclosed and brown coated..... 3/4
Completed and accepted..... 3/4
Usual 35 days..... 3/4

TOTAL COST, \$2625

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications, none.

(1222) LOT 29 BLK 3 Berkeley Square
Northbrae Properties, Berkeley. All
work for two-story and basement 8-
room dwelling.

Owner.....Mrs. R. H. Maddan, 1111
Jones, San Francisco.

Architect.....John Hudson Thomas, 1st
National Bank Bldg., Bkly.

Contractor.....Gustaf Johanson, 1811
Rose, Berkeley.

Filed April 18, '13. Dated April 18, '13.

Frame up..... 3/4
Brown coated..... 3/4
Completed and accepted..... 3/4
Usual 35 days..... 3/4

TOTAL COST, \$5413

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1223) LOT 6 BLK 3, Northbrae, Ber-
keley. All work for two-story dwlg.
Owner.....James Waldie, 2144 Lincoln
Ave., Alameda.

Architect.....A. Merrill Bowser.
Contractor.....R. Waldie Co., 1812 Vir-
ginia, Berkeley.

Filed April 19, '13. Dated Feb. 15, '13.

Frame up and roof on..... 3/4
Plastering completed..... 3/4
Completed and accepted..... 3/4
Usual 35 days..... 3/4

TOTAL COST, \$3200

Bond, none. Limit, 100 days after Feb.
15. Forfeit, \$2.50. Plans and specifi-
cations filed.

Building Contracts Awarded

Alameda.

1171 Strang.....Strang 2000
1209 Strom.....Hollen 2000
1210 Akesson.....Swenson 400
1211 Neal.....Bushman 4730

(1171) NO. 1312 BURBANK, Alameda.
One-story dwelling.

Owner.....V. N. Strang, 2015 13th
Ave., Oakland.

Architect.....None.
Day's work. COST, \$2000

(1209) NO. 1179 REGENT, Alameda.
One-story dwelling.

Owner.....Carl Strom, 1507 Park,
Alameda.

Architect.....None.
Contractor.....R. C. Hillen, Fernside and
Liberty Ave., Alameda.

COST, \$2000

(1210) NO. 2056 SANTA CLARA AVE.,
Alameda. Garage.

Owner.....A. Akesson, Premises.

Architect.....Wm. Dufour, 2326 Santa
Clara Ave., Alameda.
Contractor.....L. Swenson, 2242 Encinal
Ave., Alameda.

COST, \$100

(1121) W BAY 50 S Central Ave Pl'n
Bk 11 Fetch and Sharon Tract, Alame-
da. All work except lighting fix-
tures, shades, cement walks, heating
plant and lamps for two-story and
basement frame dwelling.

Owner.....Harriet Bell Neal, 1423 St.
Charles, Alameda.

Architect.....National Architectural As-
sociation, 68 Post, S. F.

Contractor.....P. Buhman, Lincoln and
Fruitvale Ave., Oakland.

Filed April 18, '13. Dated April 16, '13.

Frame up..... 3/4
1st coat plaster on and roof on..... 3/4
Completed and accepted..... 3/4
Usual 35 days..... 3/4

TOTAL COST, \$4330

Bond, \$2165. Surety. Southwestern
Surety Ins. Co. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

NOTICE OF NON-RESPONSIBILITY.

April 16, 1913—W CONTRA COSTA
Ave 47.52 N Indian Rock Path SW
102.47 NW 51.22 NE 100.77 S 51.64,
Bkly. Berkeley Development Co
as to improvements on leased prop-
erty

Completion Notices.

ALAMEDA COUNTY.

April 7, 1913—NW CHANNING WAY
and Bonar 40x100, Bkly. Eva
Kanjias to Peake-Munro Co.....

.....April 4, 1913

April 12, 1913—LOT 14 BLK "C" Map
Northbrae Terrace, Bkly. Isabel
Blake to Porter Bros.....April 5, 1913

April 12, 1913—LENNOX NO 328, bet
Grand and Van Buren, Okd. Mrs
Charles Hall (by Hutchinson Bros)

to G A Jenks.....Completed—
April 14, 1913—LOT 11 BLK "C" Map

East Piedmont Heights, Okd. Ex-
tension Bldg Co to R H Van Sant

.....April 11, 1912

April 14, 1913—N TWENTYETH 100
W Broadway W 45xN 100, Okd.

Abbie J Root to A Jefford.....April 5, '13

April 16, 1913—S 20 LOT 5 and N 15
Lot 4 Bk 7 Map Resubdn Bk 7

Highland Park Terrace, Okd. W F
Fox to C M Smith.....April 14, 1913

April 16, 1913—LOT 1 BLK 2, Ber-
keley Heights. Peake-Munro Co

to whom it may concern.....April 11, '13

April 16, 1913—S 40 LOT 5 BLK "E"
Northbrae Business Ppty, Bkly.

F R Peake Co to J A Pinkerton
.....April 15, 1913

April 16, 1913—SW TWENTY-FIFTH
and Webster S along Webster 188

ft. 2 1/2 in. W to E line Broadway
N to S 25th ft along S line 25th 29

ft. 5 in. to pt beg., Okd. Henry
and Hugo Abrahamson to W E

Whalin.....April 16, 1913

April 16, 1913—BDED ON N BY
First, on W by Grove, on E by

Jefferson, on S by lands belonging
to City of Oakland, Okd. Pacific

Gas & Elec Co to Healy-Tibbitts
Constr Co (two completion notices)

.....April 7, 1913

April 17, 1913—PT 153 FROM SW
Cor Manila Ave and Bryant Ave

NE 41 E 40 E 40 S 41 W 100, Okd.
W A Knowles to whom it may con-

cern.....April 14, 1913
April 18, 1913—NE TWELFTH AND
Myrtle 115 on 12th and 60 ft. on
Myrtle (irregular), Okd. Marga-
retha B Gilliam to Christiansen &
Smith.....April 12, 1913
April 18, 1913—S ALBANY TERRACE
50 E Nielsen E 31xS 95, Albany.
Carl Ericsson to whom it may con-
cern.....April 17, 1913
April 18, 1913—E NIELSEN 192.70 S
Sonoma Ave S 35x E 109, Albany.
Carl Ericsson to whom it may con-
cern.....April 18, 1913

LIENS FILED.

ALAMEDA COUNTY.

April 9, 1913—LOT 38 BLK 19 Resub-
dvn Peralta Park, Bkly. W P
Fuller & Co vs George H S Haly

.....\$192.20

April 9, 1913—N 1/2 LOT 37 BLK 119
Re Sbdvn Peralta Park, Bkly. W
P Fuller & Co vs George H S Haly

.....\$196.25

April 9, 1913—S 1/2 LOT 37 BLK 119
Resubdvn Peralta Park, Bkly. W
P Fuller & Co vs George H S Haly

.....\$214.50

April 9, 1913—LOTS 26 TO 38 INC BLK
"D" Amended Map Fairview
Tct, Piedmont. W P Fuller & Co
vs George H S Haly.....\$1990

April 9, 1913—N 1/2 LOT 37 BLK 119
Resubdvn Peralta Park, Bkly. W
P Fuller & Co vs George H S Haly

.....\$196.25

April 9, 1913—S 1/2 LOT 37 BLK 119
Resubdvn Peralta Park, Bkly. W
P Fuller & Co vs George H S Haly

.....\$214.50

April 16, 1913—LAKE NO. 159, Okd.
Fess System Co vs I J Truman Jr
and Sophie H Truman.....\$620

SAN JOSE & SANTA CLARA CLARA VALLEY.

BUNGALOWS—1 story and base,
frame. Cost not given. San Jose,
Santa Clara Co., Cal. Architect, none.
The following Day Labor jobs have
been reported as about to be started in
San Jose: Esslie Daubs, 993 Prospect
St., San Jose, 1 story frame cottage,
\$1,800; W. F. Blakeslee, 436 So. 6th St.,
San Jose, 1 story frame cottage, \$1,850.

HOTEL—3 story and base, frame,
\$10,000. Burlingame, San Mateo Co.,
Cal. Architect, John J. Foley, 46 Kear-
ny St., S. F. Owner, Peter Liberopoulos.
The building will contain about 24
rooms besides the office and lobby. In-
terior finish will be of pine and red-
wood. Hot and cold running water
will be supplied to all rooms. Each
floor will have several baths and toi-
lets. Exterior of the building will be
covered with shiplap and rustic. Plans
are nearly complete and figures will
shortly be called.

STORES—1 story and base, rein-
forced concrete. Cost not stated. Bur-
lingame, San Mateo Co., Cal. Architect,
John J. Foley, 46 Kearny St., S. F.
Owner, J. H. Hatch. The building will
be erected at the corner of the Middle-
field Road and Burlingame avenue. The
site is 60x75 feet and the building will
contain two modern stores. There will
be plate glass windows in patent
fronts. Interior finish will be of pine
and hardwood. Exterior of the build-
ing will be faced with cement plaster.
Plans are being prepared.

STORE—1 story and base, reinforced

concrete. Cost not stated. Burlingame, San Mateo Co., Cal. Architect, John J. Foley, 46 Kearny St., S. F. Owner, J. H. Hatch. This building will cover an area of 40x60 feet, and will be arranged for one large store. There will be modern store fronts and plate glass windows. Interior will be finished in pine and hardwood. Cement floor will be used. The exterior of the building will be faced with Medusa cement plaster. Plans are nearly complete and a contract will shortly be let.

RESIDENCE—2 story and base, frame. Cost not stated. Santa Cruz, Santa Cruz Co., Cal. Architect, Chester H. Miller, Foxcroft Bldg., S. F. The house will be designed for a handsome country home and will contain in the neighborhood of ten rooms, two baths and sleeping porches. Interior finish will be of pine and hardwood with hardwood floors throughout. Bath rooms will be finished in tile. There will be furnace heat and open fire places. Mantels will be of tile or brick. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCES—2 story and base, frame. Cost not stated. San Jose, Santa Clara Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in San Jose: Frank Perez, 274 North 11th St., 5 room cottage, \$2,000; Joe Banda, 675 North 13th St., 6 room cottage, \$1,800; W. E. Woodhams, 16 West 2nd St., 5 room cottage, \$1,600, and J. J. Hansen, 128 North 16th St., 5 room cottage, \$1,600.

Building Contracts.

SANTA CLARA COUNTY.

SW ST. JAMES AND 19TH, San Jose. Five-room cottage.
Owner.....W. E. Woodhams, 16 N-2nd, San Jose.
Architect...None.
Day's work. COST, \$1600

NO. 214 N-ELEVENTH, San Jose. Five room cottage.
Owner.....Frank Peres, Premises.
Architect...None.
Day's work. COST, \$2000

SE EIGHTH AND JACKSON, San Jose. Repair residence.
Owner.....S. D. Carlo, Premises.
Architect...None.
Day's work. COST, \$500

NO. 191 N-TWELFTH, San Jose. Two rooms in rear.
Owner.....S. M. Dodson, Premises.
Architect...None.
Day's work. COST, \$400

NO. 1150 S-VINE, San Jose. Two-room cottage.
Owner.....Dammick Sedito, Premises.
Architect...None.
Day's work. COST, \$475

NE FIRST AND FOUNTAIN, San Jose. Remodel front and interior.
Owner.....San Jose Safe Deposit Bldg Premises.
Architect...None.
Contractor...Shottenhamer Bros., 142 S-Crittenden, San Jose.
COST, \$4000

NO. 28 W-SANTA CLARA, San Jose. Remodel front and interior.
Owner.....San Jose Mercury Co., Premises.
Architect...None.
Contractor...Shottenhamer Bros., 142 S-Crittenden, San Jose.
COST, \$1000

NO. 675 N-THIRD, San Jose. Six-room cottage.
Owner.....Joe Banda, Premises.
Architect...None.
Day's work. COST, \$1800

NO. 379 ROYAL AVE., San Jose. Additions and repairs.
Owner.....Julia Cancell, Premises.
Architect...None.
Day's work. COST, \$800

NO. 138 N-SIXTEENTH, San Jose. Five room cottage.
Owner.....J. J. Hanson, Premises.
Architect...None.
Day's work. COST, \$1600

Building Contracts.

SAN MATEO COUNTY.

EASTERLY PART LOT 24 Map of Sub division No. 1, San Mateo Park. All work except plumbing, tinting, sheet metal work and painting for one-story dwelling.
Owner.....Mrs. E. H. Richardson, San Mateo.
Architect...Wm. Curlett & Son, Phelan Bldg., San Francisco.
Contractor...Wm. S. Leadley, San Mateo
Filed April 8, '13. Dated April 5, '13.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2379.80
Bond, \$1500. Surety, Eliza A. Hopper. Limit, 60 days. Forfeit, none. Plans and specifications filed.

UPLANDS, Hillsboro, San Mateo Co. Excavations, foundations, concrete, fireproofing, cement work for three-story Class "A" residence.
Owner.....Chas. Templeton Crocker, Shreve Bldg., S. F.

Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.

Contractor...G. Farrell & W. N. Reed, M. A. Gunst Bldg., S. F.
Filed April 8, '13. Dated April 2, '13.
15th of each month..... 75%
Usual 35 days, balance..... 25%
TOTAL COST, \$32,250

Bond, \$16,200. Surety, Pacific Coast Casualty Co. Limit, Sept 30, 1913. Foundations to be ready for steel June 30, 1913. Forfeit, \$20. Plans and specifications filed.

BALDWIN AVE, between El Camino Real and "B" street, being site of Union High School District, San Mateo. All work for concrete retaining wall.

Owner.....San Mateo Union High School District, San Mateo.
Architect...Havens & Toepke, 46 Kearny, San Francisco.
Contractor...Coldwell & Wisnom.

Filed April 8, '13. Dated Mar. 21, '13.
1st and 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4470
Bond, \$2235. Sureties, Robt. Wisnom and T. Masterson. Limit, 35 days. Forfeit, none. Plans and specifications filed.

UPLANDS, Hillsboro, San Mateo Co. Teaming, clearing of site, excavation pipes, wires for three-story Class "A" residence.

Owner.....Chas. Templeton Crocker, Shreve Bldg., S. F.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.

General Contractor...Farrell & Reed, M. A. Gunst Bldg., S. F.
Sub-Contractor...E. M. Huie & Co., Monadnock Bldg., S. F.

Filed April 9, '13. Dated April 7, '13.
15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4000
Bond, \$2000. Surety, W. S. Fidelity & Guaranty Co. Limit, 35 days. Forfeit \$20. Plans and specifications filed.

Completion Notices.

SAN MATEO COUNTY.

RECORDED ACCEPTED

April 2, 1913—CROCKER ESTATE
Tract Lot 35 Blk 21 Sud Dvn No. 1.
T F Moeller to whom it may concernMarch 27, 1913

April 3, 1913—SAN MATEO PARK
Sub Dvn Lot 30 of Sub Dvn No. 1.
Carolina G Walker to Samuel McClure.....Sept. 30, 1912

April 4, 1913—HOLY CROSS CEMETERY, San Mateo. (Mortuary Chapel)
Roman Catholic Archbishop of San Francisco to The McGilvray Stone Co.....March 28 1913

April 4, 1913—EASTON ADD'N to Burlingame No. 5; Lot 6 Blk 54 E G Meyer to Wm C Barlick.....April 2, 1913

April 5, 1913—BELLEVUE AVE, bet Primrose and San Mateo Drive and Bellevue Ave easterly 50 feet of Lot 5 Blk 4, Burlingame Land Co. D Chas Scanlan to whom it man concern.....April 4, 1913

April 5, 1913—DREXLER TRACT, San Mateo Park Lot 11. C W Marwedel to White Bros.....March 26, 1913

Release of Liens.

SAN MATEO COUNTY.

RECORDED AMOUNT

April 3, 1913—NW HIGHLAND AVE and Bayswater Ave NW 75xSW 150.
G W McGinn & Co to Anna Pein.....

April 4, 1913—LOT 1 BLK 6 Western Add'n to San Mateo. Clark & Henry Con. Co to Anna Pein.....

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

RESIDENCE—2 story and base, Hollow tile, \$10,000. Fresno, Fresno Co., Cal. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, R. W. Hobart. This dwelling is to be designed for a handsome country home and will be erected on the owner's property near Fresno. Plans provide for twelve rooms, two baths and a large sleeping porch. Interior will be finished in pine and hardwoods. Tile will be used in both bath rooms and in the kitchen. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in all principal rooms. An automatic water heater will be installed. Exterior of the house will be covered

with cement plaster. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$10,000. Bakersfield, Kern Co., Cal. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, Matt R. Solomon. The dwelling will be erected on Mr. Solomon's ranch near Bakersfield, and will contain ten roofs, baths and sleeping porches. Interior will be finished in pine and hardwood. Oak floors will be used throughout, except in the baths which will have tile floors and wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater. Exterior of the dwelling will be covered with cement plaster. A clay tile roof will be used. Plans are now being prepared.

HOTEL AND STORES—2 story, brick, \$12,000. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, H. Brix. The present two story store building will be altered and an addition built so that the new building, covering an area of 80x100 feet, will contain four stores and fifty guest rooms. There will be patent store fronts, a hot water system and pine trim. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BANK, STORES AND OFFICES—2 story and base, brick and concrete, \$35,000. Riverbank, Stanislaus Co., Cal. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owners, First National Bank of Riverbank. The building will be erected on a corner site and will cover an area of 50x150 feet. Besides the bank, plans provide for four stores on the first floor. Bank will occupy the corner and will be handsomely finished in hardwoods, tile and marble. There will be four vaults and a large safe. Upper floor will contain offices and apartments. There will be wall beds. Interior finish will be of pine. A hot water system has been specified. Exterior of the building will be faced with pressed brick. Work will be done by Day Labor, all contracts for materials being handled through the architect's offices. Plans are nearly complete.

APARTMENT HOUSE—2 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, Gene Mathewson, Fresno. Owner, I. Kinspel. The building will be erected at the corner of Stanislaus and L streets and will contain a number of modern two, three and four room suites. All apartments will have connecting baths and wall beds. A central heating system will be installed. Interior finish will be of pine and hardwood veneer. Oak floors will be used in some of the rooms. Baths will be wainscoted with tile. The exterior of the building will probably be covered with cement plaster. Plans are being prepared.

BRIDGES—5 concrete and frame. Cost not stated. Orland, Glenn Co., Cal. Engineer, County Surveyor, Willows. Owners, Glenn County. Plans have been approved and bids will be opened on May 5th for the construction of five bridges. The largest of these structures will be erected near Orland, across Stony Creek, and will cost in the neighborhood of \$150,000. The other four bridges are much smaller. Separate bids will be taken for each bridge. Plans and specifica-

tions can be secured from the County Clerk or the County Surveyor at Willows.

CHURCH—2 story and base, brick, \$25,000. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' Bank Bldg., Bakersfield. Owners, First Presbyterian Church. This work has been mentioned here before. Plans have been completed and are now in the hands of the Building Committee for approval. Bids will be called for as soon as minor details can be changed. The site of the new edifice will be at the corner of 17th and H streets.

HOTEL—5 story and base, brick and steel, \$75,000. Modesto, Stanislaus Co., Cal. Architect, B. J. Joseph, First National Bank Bldg., S. F. Owner, Mrs. Luella Hughsen. Work has been started by Day Labor for the construction of this building. It will be erected at the corner of 10th and J streets, and will be arranged for stores and the hotel lobby on the first floor. Upper floors will contain a total of 100 guest rooms and 50 baths. There will be steam heat, elevator service and a hot water system. Exterior will be faced with pressed brick.

LIBRARY—2 story and base, brick and steel, \$25,000. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Bakersfield. Owners, City of Bakersfield. The building is to be erected in East Bakersfield. Working drawings will probably be approved by the Trustees at their next meeting. The building is in the classic style, and will contain the usual library rooms. Exterior will be faced with pressed brick. Bids will be called within a few weeks. Further notice will then be given in these columns.

Contracts Awarded.

LODGE HALL—3 story and base, brick, \$20,000. Taft, Kern Co., Cal. Architect, J. M. Saffell, Bakersfield. Owners, Odd Fellows' Hall Association. Contractor, Seymour, Bakersfield. Contract price, \$20,000.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$15,000. Concord, Contra Costa Co., Cal. Architect, W. H. Ratcliff, First National Bank Bldg., Berkeley. Owner, L. Olson. The dwelling will contain eight rooms, baths and sleeping porches. Interior finish will be mostly of hardwoods. Hardwood floors will be used throughout except in the bath rooms, which will have composition floors and tile wainscot. There will be furnace heat and open fire places. Mantels will be of tile and brick. There will be an automatic water heater. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Building Contracts.

MARIN COUNTY.

LOT 53 BALSE TRACT, Mill Valley. All work for frame cottage.
Owner.....Thos. Harrison, Mill Valley
Architect...None.
Contractor...W. W. Seeley, Oakland.
Filed April 4, 13. Dated Mar. 31, '13.
Frame up ¼

Plastering done ¼
Completed ¼
Usual 35 days.....\$2450
TOTAL COST, \$2950

Bond, none. Limit, 50 days from April 1. Forfeit, none. Plans and specifications filed.

SAN ANSELMO. All work for one-story brick stores.
Owner.....M. Mayer and F. E. Fisher.
Architect...None.
Contractor...G. Sandberg.

Filed April 2, '13. Dated April 1, '13.
Brick walls up 6 feet high.....\$500
Roof on 500
Completed and accepted..... 500
Usual 35 days..... 500
TOTAL COST, \$2000

Bond, \$1000. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days from March 24. Forfeit, none. Plans and specifications filed.

SUB. NO. 3 LOT 141 Map Tamalpais
Land & Water Map No. 5, Mill Valley
Excavating, concrete, grading, brick patent flues, tiling, mill, carpenter, roofing, glazing, sheet metal, lath, plastering, painting, plumbing, electric work, walls beds, canvas decking, etc., for one-story and basement frame bungalow.

Owner.....John Earl Baker, Mill Valley.
Architect...Falch & Knoll, Hearst Bldg., San Francisco.
Contractor...Higginson Co., 8 Falcon Ave., San Francisco.

Filed April 2, '13. Dated April 1, '13.
Roof boards on.....\$1050
Brown coated 1050
Completed and accepted..... 1050
Usual 35 days..... 1050
TOTAL COST, \$4200

Bond, none. Limit, 75 days from filing. Forfeit, \$5. Plans and specifications filed.

LOT "C" p.m. Whelan Estate N side San Rafael and Olema Road. All work for one-story frame residence.
Owner.....Whelan Est., San Anselmo.
Architect...National Architectural & Eng. Co., 68 Post, S. F.
Contractor...Nickerson & Holmes, Alameda.

Filed April 4, '13. Dated Mar. 27, '13.
Frame up\$387.50
1st coat plaster on and roof shingled 387.50
Completed and accepted..... 387.50
Usual 35 days..... 387.50
TOTAL COST, \$1550.00

Bond, \$775. Sureties, J. E. Davenport and H. S. Holmes. Limit, 50 days from April 1. Forfeit, none. Plans and specifications filed.

ALTO STATION. All work for barn.
Owner.....Harry H. Wilkins, Wm. F. McGee and Alice N. Wilkins, extras Louise N. Wilkins, dec'd.
Architect...None.

Contractor...Joseph Santo.
Filed April 12, '13. Dated April 1, '13.
Completion of excavation and concrete work\$ 815
Usual 35 days..... 1000
TOTAL COST, \$1815

Bond, \$950. Sureties, John S. Dias and Joseph N. Bello. Limit, 148 days. Forfeit, none. Plans and specifications filed.

MILL VALLEY. All work except electric wiring, painting, papering and hardwood floors for one-story frame

dwelling.
Owner.....Grace D. Pollexfen, MHI
Valley.
Architect...None.
Contractor...C. Armbruster.
Filed April 11, '13. Dated April 8, '13.
Foundations finished, walls up
and ceiling joists on.....\$450
Enclosed, plumbing roughed in
and exterior finished..... 450
Completed and accepted..... 450
Usual 25 days..... 450
TOTAL COST, \$1800.
Bond, \$900. Sureties, John E. Brady
and N. C. Yost. Limit, 50 days. Forfeited,
none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOW—1 story and base, frame, \$1,500. Stockton, San Joaquin Co., Cal. Architect, R. P. Morrell, Odd Fellows Bldg., Stockton. Owner, P. L. Miner. The dwelling has been designed to contain six rooms and bath. Interior will be finished in pine throughout. Some oak flooring will be used. There will be an open fire place with brick or tile mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are being prepared.

RESIDENCES—Frame construction. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, none. The following Day Labor jobs are reported as about to be started in Stockton: Nellie S. Smith, 1017 North Center St., 2 story frame dwelling, \$2,500; Mrs. Hickenbethan, 623 East Market St., 2 story frame dwelling, \$4,000; Louis McGhan, 312 Stanislaus St., 1 story frame cottage, \$1,000; Joseph Gelger, 125 East Lindsay St., 2 story frame dwelling, \$3,500; E. W. Gibbeau, 945 So. San Joaquin St., 1 story frame dwelling, \$2,000; J. J. Malley, 1818 So. California St., 1 story frame dwelling, \$2,000, and E. W. Perkins, 719 East Hayleton St., 1 story frame dwelling, \$2,500.

STORE ALTERATIONS—Frame and brick, \$8,000. Stockton, San Joaquin Co., Cal. Architect, R. P. Morrell, Odd Fellows' Bldg., Stockton. Owner, F. Madden. This work will consist of remodeling the present building into a saloon. Some structural steel will be used. Interior finish will be of pine and hardwoods. Exterior will be covered with pressed brick. Plans are being prepared.

COURT HOUSE AND JAIL ALTERATIONS—Concrete and brick construction. Cost not stated. Nevada City, Nevada Co., Cal. Architect, William Mosser, Nevada Bank Bldg., S. F. Owners, Nevada County. Plans for an addition to the county jail and for extensive alterations to the present court house have been completed by the architect. Contracts for the work will be let through the Clerk of the Board of Supervisors. Bids will be called for at once.

WATER SYSTEM—Cost not stated. Tulare, Tulare Co., Cal. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, Town of Tulare. Bids will be opened on May 5th at 8 p. m. for the construction of a municipal water system. Plans may be secured from either the City Clerk or from the Engineers in this city. Official proposal appears in this issue. Engineers Sloan & Robson furnish the following list of quantities for this system: Pipe—4,000

feet of 10-inch, 6,200 feet of 8-inch, 5,400 feet of 6-inch, 50,000 feet of 4-inch. Bids are being taken for both cast iron and steel. Valves—2 10-inch, 12 8-inch, 26 6-inch, 150 4-inch. Hydrants—85 1-way hydrants, 30 2-way hydrants. Plans include the construction of hemispherical bottom steel tank of 150,000 gallons capacity. This structure will be erected on a steel frame with a concrete foundation, and will be 135 feet high.

POWER PLANT—Concrete and brick. Cost not stated. Standard, Tuolumne Co., Cal. Architect, William Mosser, Nevada Bank Bldg., S. F. Owners, Standard Lumber Co. Plans have been completed for a one-story and basement, concrete and brick power station, which is to be erected at Standard. The building will have a cement floor and steel trussed roof. Exterior will be faced with cement plaster. Plans are complete and the work will be done by Day Labor. A contract for the steel work has already been awarded to the Central Iron Works of this city.

LEVEE WORK, ETC.—\$200,000. Reclamation District, 70, Sutter Co., Cal. Engineer's name not given. Owners, Sutter County. The assessment for improvement work in Reclamation District 70, Sutter County, has been placed at \$10 per acre. This totals \$200,000. The greater part of the amount will be spent for levee construction. A. A. McRae, G. R. Boyd and W. J. Wilbur are the assessors.

Building Contracts.

SACRAMENTO COUNTY.

E ½ N ½ OF LOT 1 AND ON W 32 FT. Lot 2, M. N. 19th and 26th Sts., Sacramento. One-story garage.
Owner.....W. H. Dunster, 1908 M St., Sacramento.

Plans by...Contractor.
Contractor...Murrell & Haley, 1328 10th St., Sacramento.
Filed April 14, '13. Dated April 14, '13.
COST, \$6216

Completion Notices.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
Mar. 29, 1913—LOT 150 Boulevard
Tract. Alice Foster Madeley to
Murrell & Haley.....Mar. 29, 1913

LOS ANGELES AND SOUTHERN CALIFORNIA.

RESIDENCE—2 story and base, frame, \$40,000. Los Angeles, Cal. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, Rowland Bishop. Preliminary plans have been prepared for this dwelling, which is to be designed in the true Colonial style taken from one of the famous old Virginia homes. Sketches show a total of 14 rooms, several baths and large sleeping porches. Interior will be handsomely finished in pine and hardwoods with hardwood floors throughout. There will be a central heating system, probably steam. Open fire places are to be installed in several of the rooms with brick and tile mantels. Bath rooms will be finished in tile and will have composition floors. A vacuum cleaning system and other modern conveniences

will be incorporated in the plans. Exterior of the dwelling will be covered with shiplap and rustic. Plans are being prepared.

HOTEL—6 story and 5 story tower, brick and reinforced concrete, \$350,000. Venice, Los Angeles Co., Cal. Architect, C. H. Russell, Humboldt Bank Bldg., S. F. Owner, Abbot Kinney Co. The building is to be erected on the northeast corner of Breeze and Ocean Front, and will cover an area of 110x110 feet. The main portion of the building will be 6 stories in height from the center of which will raise a five-story tower, which will also contain a number of hotel rooms. Construction will be fire-proof throughout with exterior walls of brick and concrete, concrete floors and hollow tile partitions. Exterior will be faced with pressed brick. Besides the general office, lobby, parlors and dining room there will be several stores, a cafe and barber shop on the first floor. Upper floors will contain 250 guest rooms, all of which will have private baths. There will be steam heat, oil burning furnaces, vacuum cleaning system and elevators. Metal window frames and sash will be used. Bath rooms will have cement floors and tile wainscot. Plans are being prepared and segregated contracts will be let.

APARTMENT HOUSE—7 story and base, reinforced concrete. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, E. Tisnerat. The building is to cover an area of 60x90 feet, and will contain a total of 140 rooms, which will be arranged in two and three room suites. Plans provide for large amusement rooms, social hall and lobby. There will be steam heat, elevator service, vacuum cleaning system and wall beds. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, P. E. Weaver, Citizens' National Bank Bldg., L. A. Owner, W. P. Maurer. The building has been designed to contain a total of 80 rooms, which will be arranged in two and three room suites. All suites will have wall beds and private baths. Interior will be finished in pine and hardwood. Bath rooms will have cement floors and tile wainscot. There will be steam-heat and elevator service. A vacuum cleaning system will be installed. Exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, C. S. Klous. The building will cover an area of 50x125 feet. Interior will be arranged for 58 rooms in two and three room suites. There will be wall beds, private bath rooms, steam heat and a vacuum cleaning system. Bath rooms will have composition floors. The exterior of the building will be faced with pressed brick. Plans are complete and the architect is taking figures on the work.

HOTEL—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, G. I. Jacoby. The building will be erect-

ed on a corner lot and will be designed to contain 120 guest rooms, all of which will have private baths. There will be steam heat, elevator service and a vacuum cleaning plant. Hot and cold water supply will also be installed. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile. Considerable hardwood and ornamental plaster will be used in the lobby. The exterior of the building will be faced with pressed brick. Plans are being prepared and when complete construction will probably be carried out by the Milwaukee Building Co.

HOTEL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, F. H. Gentry, Pacific Electric Bldg., L. A. Owners, G. Bloom, Dr. J. P. N. Patterson et al. The building will cover an area of 50x138 feet. The first floor will contain seven stores and upper floors in the neighborhood of 56 rooms and baths. There will be steam heat and a hot water system. Interior finish will be of pine and hardwood. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Howard W. Squires. The building will be 80x145 feet in size, and has been designed to contain 108 rooms, which will be arranged in two and three room suites. There will be steam heat, elevator service, a vacuum cleaning system and other modern improvements. All suites will have private baths and will be equipped with wall bed. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick. Plans are in the hands of the owner who is taking figures for the work.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Frank M. Tyler, Hiernian Bldg., L. A. Owner, C. F. Stuart. The building, which is to be designed for a commercial garage, will cover an area of 54x100 feet. There will be a cement floor, metal window sash and frames and special gasoline storage tanks. Interior finish will be of pine throughout. Exterior of the building will be faced with cement plaster. As soon as plans can be completed bids will be taken by the owner.

CITY HALL—2 story and base, brick and steel. Cost not stated. Alhambra, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, City of Alhambra. Bids opened for the construction of this building recently were found to be above the amount available for construction and were therefore rejected. Plans will be revised at once and new bids will be called for shortly. No figures were made public.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, L. L. Jones, I. W. Hellman Bldg., L. A. Owner, D. F. Hill. This building has been mentioned here before when plans were first started. The structure will be erected at the corner of 6th and Wall streets and will cover an area of 60x78 feet. The first floor will be arranged for stores and upper floors subdivided into about 120 rooms. There will be steam heat and elevator service. Interior finish will be of pine throughout. Exterior of

the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOSPITAL—2 story and base, frame. Cost not stated. Fullerton, Orange Co., Cal. Architect, C. E. Shattuck, Mason Bldg., L. A. Owners, Fullerton Hospital Association. The building will contain two wards, a number of private rooms, operating room and nurses' quarters. There will be a central heating system. Interior will be finished in pine and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

THEATRE—2 story and base, brick and concrete, \$25,000. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owner, F. W. Woodley. The building will cover an area of 60x150 feet. Besides the theatre proper, there will be several stores on the first floor. The main auditorium will have a seating capacity of 750 people. Modern plumbing and a ventilating system will be installed. Interior finish will be of pine and ornamental plaster. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RESIDENCE—2 story and base, brick, \$55,000. Los Angeles, Cal. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owner, J. C. Rives. Contractor, Jacob K. Miller, 1255 Leighton Ave., L. A. Contract price, \$47,570. Garage Contract price, \$6,450.

SCHOOL—2 story and base, brick, \$51,889. South Pasadena, Los Angeles Co., Cal. Architect, Norman P. Marsh, Broadway Central Bldg., L. A. Owners, South Pasadena School District. Contractors, Long Beach Construction Co., Long Beach, general construction, \$51,889; B. F. Hulse, L. A., heating and ventilating, \$2,249; Cresent Electric Co., L. A., electric work, \$1,532.54; Smith & Coates, L. A. plumbing, \$2,775, and Probst & Son, painting, \$1,975.

NORMAL SCHOOL GROUP—Class A construction, \$665,000. Los Angeles, Cal. Architects, Allison & Allison, Hiernian Bldg., L. A. Owners, State of California. Contractor, J. F. Atkinson, L. A., general construction. Contract price, \$451,166.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$50,000. Los Angeles, Cal. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owner, Mrs. Ida Hanst. Contractors, Kling Co., Union League Bldg., L. A. Contract price, \$80,000.

APARTMENT HOUSE—3 story and base, brick, \$45,000. Los Angeles, Cal. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, H. V. Bard. Contractors, Maine Building and Investment Co., Thorpe Bldg., L. A. Contract price, \$45,000.

Complete Bids For Los Angeles Normal.

Segregated Figures on General Construction and on Various Parts of Work From Board of Control.

Complete segregated bids as opened by the State Board of Control for the work at the Los Angeles State Normal School on April 12th last, are printed below:

General Construction with Alternates.

J. F. Atkinson, \$612,700	
(a) Yard Wall.....	\$ 1,274
(b) Cement Walks	1,200
(c) Drives	8,000
(d) Prog. Clocks and Tel....	4,334
(e) Tinting	12,000
(f) Light Fixtures	4,000
(g) Heating	53,500
(h) Plumbing	35,000
(i) Drains	2,500
(j) F. A. Building.....	35,500
(k) M. A. Building.....	28,000
(l) Fnt. Basin	250
(m) Fireproof	6,000
(n) Cab. Work Sched. A....	7,500

Somers & Lund, \$953,600	
(a) Yard Wall.....	\$ 3,500
(b) Cement Walks	2,980
(c) Drives	15,890
(d) Prog. Clocks and Tel....	4,500
(e) Tinting	6,975
(f) Light Fixtures	4,000
(g) Heating	48,000
(h) Plumbing	37,500
(i) Drains	2,000
(j) F. A. Building.....	57,782
(k) M. A. Building.....	52,400
(l) Fnt. Basin	1,000
(m) Fireproof	16,000
(n) Cab. Work Sched. A....	6,400

Southwestern Constr. Co., \$638,948	
(a) Yard Wall.....	\$ 1,572
(b) Cement Walks	1,400
(c) Drives	9,300
(d) Prog. Clocks and Tel....	4,800
(e) Tinting	11,500
(f) Light Fixtures	4,000
(g) Heating	55,000
(h) Plumbing	35,000
(i) Drains	2,000
(j) F. A. Building.....	34,000
(k) M. A. Building.....	28,000
(l) Fnt. Basin	300
(m) Fireproof	5,200
(n) Cab. Work Sched. A....	6,840

F. O. Engstrum & Co., \$664,495	
(a) Yard Wall.....	\$ 1,075
(b) Cement Walks	1,303
(c) Drives	7,935
(d) Prog. Clocks and Tel....	4,600
(e) Tinting	6,598
(f) Light Fixtures	4,000
(g) Heating	
(h) Plumbing	
(i) Drains	2,879
(j) F. A. Building.....	37,632
(k) M. A. Building.....	30,486
(l) Fnt. Basin	83
(m) Fireproof	2,854
(n) Cab. Work Sched. A....	6,079

C. J. Kuback Constr. Co., \$612,000.	
(a) Yard Wall.....	\$ 2,768
(b) Cement Walks	1,925
(c) Drives	9,153
(d) Prog. Clocks and Tel....	4,610
(e) Tinting	7,000
(f) Light Fixtures	4,000
(g) Heating	48,981
(h) Plumbing	32,900
(i) Drains	1,995
(j) F. A. Building.....	42,000
(k) M. A. Building.....	34,000
(l) Fnt. Basin	310
(m) Fireproof	9,486
(n) Cab. Work Sched. A....	5,857

McLeran & Peterson, \$638,500	
(a) Yard Wall.....	\$1,800
(b) Cement Walks	850
(c) Drives	5,000
(d) Prog. Clocks and Tel....	4,200
(e) Tinting	3,000
(f) Light Fixtures	4,000
(g) Heating	64,952
(h) Plumbing	32,818
(i) Drains	2,700
(j) F. A. Building.....	36,900
(k) M. A. Building.....	32,900

(l) Fnt. Basln	275
(m) Fireproof	6,700
(n) Cab. Work Sched. A.....	7,000
Sound Constr. Co., \$684,444	
(a) Yard Wall	\$1,600
(b) Cement Walks	2,800
(c) Drives	13,400
(d) Prog. Clocks and Tel....	3,470
(e) Tinting	5,870
(f) Light Fixtures	4,000
(g) Heating	63,000
(h) Plumbing	34,000
(i) Drains	1,200
(j) F. A. Building	40,948
(k) M. A. Building	44,100
(l) Fnt. Basln	225
(m) Fireproof	8,081
(n) Cab. Work Sched. A.....	5,795
Lewis A. Hicks Co., \$596,000	
(a) Yard Wall	\$ 2,000
(b) Cement Walks	900
(c) Drives	6,700
(d) Prog. Clocks and Tel....	4,000
(e) Tinting	3,300
(f) Light Fixtures	4,000
(g) Heating	50,000
(h) Plumbing	32,000
(i) Drains	2,000
(j) F. A. Building	27,000
(k) M. A. Building	28,000
(l) Fnt. Basln	250
(m) Fireproof	2,500
(n) Cab. Work Sched. A.....	900

Plumbing.

Creeler & Seaman, \$33,674. (a) \$1,238; (b) \$940; (c) \$2,720.	
Coony & Winterbottom, \$29,474. (a) \$1,267; (b) \$1,059; (c) \$1,638.	
Thomas Haverly & Co., \$34,700. (a) \$1,500; (b) \$1,200; (c) \$2,100.	
Latourette-Fical Co., \$32,718; (a) \$1,300; (b) \$1,173; (c) \$2,500.	

Heating and Ventilating.

Latourette-Fical Co., \$68,069. (a) \$2,890; (b) \$900.	
E. F. Hulse, \$50,999. (a) \$3,000 (b) \$850.	
Machinery & Elec. Co., \$51,772. (a) \$3,527; (b) \$743.	
E. D. Hough, \$70,200. (a) \$2,900 (b) \$1,000.	

Painting.

Only one bid was submitted for the painting, that of D. Zelinsky. Entire work \$21,395. Alternatives \$7,900, \$1,580 and \$770.

Clocks, Private Phones and Bells.

Only one bid was submitted for this work, that of the Latourette-Fical Co., for \$7400. Alternatives: \$190, \$75 and \$1,000. The same company also put in bids for the following parts of the work:

Sheet metal work, \$5,925 (a) \$525.	
Electric wire and conduit, \$16,500 (a) \$860; (b) \$1,730.	

Plumbing, gas fitting and sewerage, water leaders, field drains, heating and ventilating apparatus and sheet metal work, \$105,200.

Plumbing, gas fitting, sewerage, water drains and field drains, ventilating apparatus, sheet metal work, electric work, clocks, private phone and bell system, \$128,100.

PORTLAND AND OREGON.

HOTEL—4 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architects, W. W. Lucius and Aaron H. Gould, Worcester Bldg., Portland. Owner, W. W. Margulis. The building will be erected on a corner site and will be arranged for stores on the first floor. Basement will be fitted up for public baths and barber shop. Upper three floors will contain a total

of 150 guest rooms and a large number of baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine. Exterior of the building will be faced with cement plaster. Bids are now being taken for both a general contract and with the work segregated.

STORES AND OFFICES—8 story and base, reinforced concrete, \$100,000. Portland, Ore. Architects, McNaughton & Raymond, Concord Bldg., Portland. Owners, Title and Trust Co. The building will be erected on 4th street and will cover and are of 50x100 feet. Construction will be fireproof throughout. The entire first floor will be occupied by the owners, and will be elaborately finished in hardwoods, ornamental plaster, marble and tile. Special vaults will be constructed. Upper seven floors will be arranged for a number of modern offices. There will be steam heat, an oil burning equipment, vacuum cleaning system and mail chutes. Interior finish will be of metal and marble. Metal window frames and sash will be used. The exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

APARTMENT HOUSE—5 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, R. F. Wassell, 555 East Yamhill St., Portland. Owner, R. F. Wassell. The building will cover a ground area of 100x100 feet. Interior has been arranged for two and three room suites. All apartments will have connecting baths and disappearing beds. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwoods. Bath rooms will be finished in tile. Stairways will be of concrete. The exterior will be faced with pressed brick. Plans are complete and figures are being taken for the various parts of the work.

FACTORY—5 story and base, brick, \$50,000. Portland, Ore. Architects, Root & Hoose, Commercial Club Bldg., Portland. Owners, Modern Confectionery Co. The main building, five stories high, besides this there will be a one-story boiler room and shipping department, 30x100 feet. Construction will be of the heavy mill type. Exterior of the buildings will be faced with pressed brick. There will be a large elevator and metal window sash and frames. Plans are being prepared.

BRIDGE—Steel span, \$1,200,000. Portland, Ore. Engineer, Rudolph Modjeska, Chicago. Owners, Multnomah and Clarke Counties. A tentative plan for a 24-foot bridge to span the Columbia River between Vancouver, Wash., and Portland, Ore., has been approved by the Interstate Bridge Commission, and detail plans are to be submitted at once for approval. Clarke County is to raise \$500,000 and Multnomah County \$700,000.

Contracts Awarded.

MUNICIPAL WATER SYSTEM—\$100,000. Linnton, Ore. Engineer not given. Owners, Town of Linnton. Contractors, James Kennedy Construction Co., Portland. Contract price, \$92,739.

SEATTLE AND WASHINGTON.

HOSPITAL GROUP—5, 1 and 2 story, brick and terra cotta buildings. Cost not stated. Seattle, Wash., Architect,

Daniel Huntington, Seattle. Owners, Seattle Tuberculosis Hospital. These buildings, which comprise a county institution, are to be erected at Richmond Heights. There will be two one-story and basement outdoor pavilion, each 129x292; one two-story and basement hospital building, 78x252, a two-story, attic and basement administration building, 40x175 and a power house. Exteriors of all buildings will be faced with pressed brick and cement plaster. Plans will be completed this month and bids will be called.

Last Tuesday recalled with profound sadness in all parts of the civilized world, the loss of the Titanic one year ago, in collision with an iceberg off Grand Banks, Newfoundland. The toll of the sea upon that fateful night was fifteen hundred souls.

Fifteen hundred, and more,—men, women and children—were summoned in, a breath to take part in a tragedy of the sea, the like of which the world had never known before. From dreams of home in the fatherland, from dreams of a hoped-for home in the strange new land beyond the sea, they woke to face destruction. From scenes of revelry, where joy was unconfined, that floating palace yielded up its thousands to meet a situation that only the sublimest courage could meet with equanimity.

Near midnight, was the fateful hour, and far off shore, beneath the silent stars, the place. No thought of danger marred the perfect peace of mind of anyone on board. The sea was quiet; the ship was thought to be invincible. Until the very moment when the appalling truth was thrust upon the passengers, no thought of possible danger troubled anyone.

The scene that followed then, in all their harrowing detail; the instances of heroism, which we like best to dwell upon—the playing of the band, the bravery of the women and the men—all these come back to us, as though the date were yesterday. The partings of husbands and wives, of sweethearts, mothers and babes—for even that was not spared—all in the inevitable victory of that cruel, icy sea—no pen can possibly portray the awful scene. Only survivors can feel its awful agony.

Now, one year separates us from that fateful day. One year of study of the problems of the enigmatic sea has passed. Councils, investigations and reports, in volumes, have been added to the annals of sea history. Mistakes have been found to have existed in the Titanic's building plans and operation. Other ships and other men have been found blamable. Conspicuously, one officer of the company, owning the ill-fated ship, has been condemned, by public sentiment, for cowardice. The passing of the year has compassed the tragedy and its sequel.

How deeply the lessons of the loss of the Titanic have been digested or how far navigation of the ocean may have been made safer thereby can only be approximately known. The investigations by the American Senate and the British Board of Trade have had a marked effect upon ship management and equipment.

Among shipowners and builders there has been a radical change of structural practice, if not of principle.

Accidents such as caused the Titanic's loss might easily be averted now by

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the application of these later rulings, if closely adhered to.

But there is still the human equation to be reckoned with when trial comes. The psychology of these overpowering visitations cannot be well calculated or forecasted. They involve instant and violent mental re-adjustments and the outcome cannot be calculated in advance. On land, a man may reckon, while on sea he may be panic-stricken—"his control steps with the shore."—Oakland Enquirer.

The oft quoted phrase from Shakespeare of "What's in a name," has some curious exceptions to the universal truthfulness of the statement. Thus the names of the characters that people the pages of Dickens's works are selected for their peculiar fitness to the people they describe. We expect to see an artist sign his name with some peculiar curl or part it on the side as some of our English friends do. A marked example of this peculiar fitness of a name is given in a Kansas City newspaper of wisdom displayed by parents in the selection of a name:

Now, "Johnnie Borglum" or "Bill Borglum" would not have been a particularly distinctive name. The owner of it might have driven a hack or cut hair, or done 'most anything else. But Mr. and Mrs. Borglum had a strain of genius, or suffered a stroke of inspiration. So they placed John and Willie and Tom and Charlie in the discard, and named their son Gutzon.

What the other kids did to that name while the little bearer of it was growing up can better be imagined than set up in type. But it was inevitable that

when the youthful sufferer did grow up he would have the laugh on the Jims and the Wilburs. He was bound to become an artist. He became a sculptor. How could he help it, with the name—Gutzon Borglum?

Up to February 1 the Panama Canal cost \$281,702,630.55. And the best part of it is there is no suspicion that one penny of this gigantic outlay was expended dishonestly. This feat is almost as great as the engineering triumph.

A Washington member of the Geological Survey says that floods like the recent ones in Ohio and Indiana and the devastation produced by them is inevitable. That earthquakes and tornadoes will continue to devastate the earth and there is nothing that man can do that will prevent them.

So far as scientific investigation goes there will in all probability always be unusual rains, there will always be tornadoes and there will always be earthquakes and tidal waves as long as natural law continues and change is the order of the universe. But the devastation such as was wrought by the Ohio floods can be averted and man, if he is intelligent, usually profits by experience.

Thus Galveston, Texas, presents a case in point. It expects the recurrence of tidal waves and storms. It has built a seawall to break the force of the waves. It has raised the surface of the city's principal area. It has built a causeway or viaduct to the island on which the city is built to the mainland thus insuring the entrance of trains to the city no matter what in-

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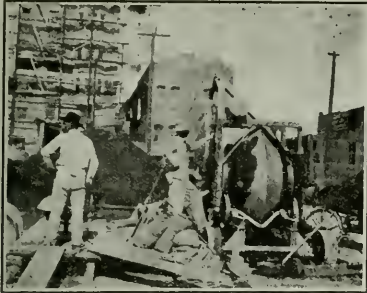
vasion of the sea there may be and thus providing means of escape for the people if necessity arises.

San Francisco has been rebuilt in such manner that the loss of property from fire could never be repeated if there was again to be a disaster like that of 1906. Fireproof construction and water protection have rendered loss by fire highly improbable. Fire and flood and tornado can be provided against. It is only the unexpected that produces far reaching disaster.

"If the Mexican state troops and the Huerta forces keep up their slaughtering much longer," the editor of the Seventh Column suggests, "there will be no innocent bystanders left to bystand."

J. P. Morgan's fortune is estimated at one hundred million dollars and it is reported that the inheritance tax thereon will be \$3,000,000. What a commentary upon present industrial conditions! His was not the largest individual fortune. But it represented the achievements of the billionaire breed that has grown up under modern industrial and financial conditions.

It is impossible for one man to earn even the amount of the inheritance tax upon his great fortune in the natural period of a life time. But it was the alchemy of the stock market wherein the people are made to pay for things that do not exist that built up Morgan's tremendous fortune just as it has built up the fortunes of other men who are now multimillionaires.



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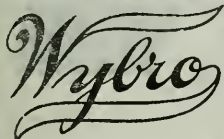
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CONSERVATION.

The state of Ohio was once covered by forests. Then there were no devastating floods. The forests were cut away, cut indiscriminately, ruthlessly, ignorantly. Now we have the tragedy at Dayton and other lesser ones every year. If a few square miles of carefully tended forests had been left at strategic points around the headwaters of the various rivers and streams of Ohio, we should not be mourning these hundreds of dead or regretting the millions of money. This is part of what is meant by conservation—Collier's weekly.

CONTINUED SLIDING AT CULEBRA CUT.

One the night of March 12th to 13th the break in the east bank of the canal, opposite Culebra, which first moved its bank on the night of February 5th, again made another rapid movement

downward and toward the canal. The bottom of the canal, according to the Canal Record, was heaved up for a distance of about one thousand feet, to a maximum vertical height of about thirty feet, destroying five tracks in the bottom of the canal, and leaving only one track in commission. The canal engineers are not dismayed, and they have already placed steam shovels at work removing this material. Later when the water is turned into this section of the cut, the two new floating dredges will be placed in service and they will remove material at the rate cubic yards per month.

NOTICE OF NON-RESPONSIBILITY.

April 17, 1913—NE THIRD 100 NW
Folsom NW 30x80. Union Trust
Co of S F Tr Est Rienzi Hughes,
deed as to improvements on leased
property

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

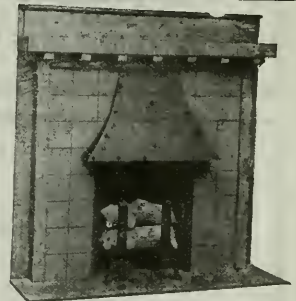
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April, 18, 1913—S HUDSON (8th Ave)
360 E Keith. K C Gardner with
Margaret Morris. Contract dated
April 9, 1913.....

NOTICE TO CONTRACTORS.

SEALED BIDS will be received by the City Clerk of Tulare, Tulare County, California, up to 8 P. M. May 5th, 1913, and thereafter opened for all the labor and material necessary to construct a hemispherical bottom steel tank and tower, with accessories. Specifications may be had from the City Clerk, or Sloan & Robson, Nevada Bank Building, San Francisco, upon payment of (\$5.00) Five Dollars. The City of Tulare, through its Board of Trustees, reserves the right to reject any or all bids, waive defects and to accept any bid.

(*)

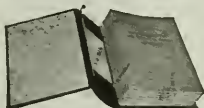
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General Contractor

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Residence:
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—== THIS WEEK'S ILLUSTRATIONS: ==—

New Church Edifice To Be Erected For
The Mission Dolores On A Site Adjoining
The Historic Old Mission, San Francisco,
Designed By Shea & Lofquist, Architects.

High Class Apartment House Building For
Mr. Woods, San Francisco, Designed By
C. S. McNally, Architect.

TUESDAY, APRIL 29, 1913.

SAN FRANCISCO AND OAKLAND,

CALIFORNIA

Contractors Equipment

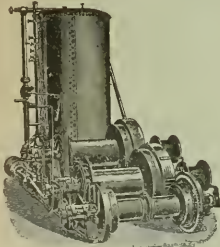
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San Francisco, APRIL 29, 1913

Thirteenth Year No. 17

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Editorial Comment.

The current number of the Scientific American contains an outside picture and a two page collection of views illustrating the discoveries made by the Germans in their excavations in Babylon. These illustrations show the brick walls exposed, the excavations which remain after the lapse of more than forty centuries of time. Generations of cities have perished and died on the same site and yet the excavations show perfect forms of architecture, perfect bricks of artificial mold and figures molded in clay that have stood the lapse of time with scarcely a blemish or change of color.

These figures on the walls of the ancient city show almost the same mode of treatment that is now employed in terra cotta bas reliefs. The same color effects were obtained and the bricks were burned red or blue as the case might be, and the result is that after the lapse of all the years there is still a record of the time.

These painstaking investigations of the ancient ruins of the valley of the Euphrates by the Germans has brought to light many interesting facts. The manner of construction, their manner of burning bricks, their molded clay implements and utensils and the high state of perfection to which they brought clay as a building material in that early age of the world is certainly an interesting study. It should be a profitable source of study to the brick-builders to investigate the discoveries, for certainly here is where brick have had the hardest and the longest test, here is where they are monuments of history, here is where they had their cradle and development and where they have consistently withstood the tests of time.

The Chronicle is much concerned over an immigration bill introduced by Senator Kehoe at Sacramento. From the fact that this state wishes to in some way supervise the immigration that will come to us on the opening of the Panama canal. The attitude of these newspapers that claim to represent the best interests of the people is sometimes amusing.

For instance the Chronicle is much concerned over the reduction of the tariff on necessities as it will reduce the wages of the workingman. At the same time it wants the steamship companies and the railroads to dump into the state the overflow and the refuse population of all the countries in the world.

Immigration officers and men generally, that have visited Ellis Island at New York, report that any one watching the indiscriminate horde that is dumped daily upon our shores

by the steamship companies would at least exclude 90 per cent of the immigrants if left to his own discretion. Aliens that do not assimilate are no longer desirable. We have every sympathy for any people in the world who desire to better their condition. But this country is no longer a charitable institution or an asylum for the unfortunate.

It is time for this country to say, and it is time for this state to say, that those who land in this country shall only be those who are capable of becoming a part and parcel of our citizenship and are capable of becoming intelligent citizens. To this end Governor Johnson has sought to meet the situation that will confront us on the opening of the canal and in this effort he will have, and he should have, the support of all good citizens despite the Chronicle and the interests it represents.

Modern ships are of astonishing size and capacity. It is only on comparison of details that any conception can be had of the quantity of material used or the immense dimensions of the parts. For instance the smokestack of the new German Steamship, the Imperator, is elliptical in section and measures 30 feet in the longest diameter. This smokestack extends 69 feet above the upper deck and is amply large to be used for a tunnel for a railroad train.

The rudder weighs ninety tons. The stock on which it swings weighs 110 tons. Yet this vast weight is moved by the delicate touch of a wheel on the bridge, a sixth of a mile away. It is these wonders of mechanism that make the handling of immense bodies as easy as child's play.

THREADING CONDUITS PNEUMATICALLY.

A new apparatus has been designed for threading conduits. It has the advantage of being able to pass around several bends which would be difficult if not impossible with the ordinary fish-tape method. A "traveler" is provided which consists of a series of washers loosely fitting the interior of the conduit. This traveler is connected to a string or cord which passes through a tube into a compressed-air tank where it is coiled up on a reel. In service, the tank is first filled with air to a pressure of about 20 pounds by means of a hand pump, then the traveler is inserted in the conduit, the end of which is sealed by a plug on the end of the tube, and a valve is opened, permitting the air to pass out into the conduit and blow the traveler through, drawing the string with it. This string is then used to draw wire which, in turn, may be used for hauling a heavy cable through the conduit.

Fitting The House To The Cost.

Some Reasons Why Buildings So Often Cost More Than Was Originally Intended—Comparing Cubic Contents.

"Making the punishment fit the crime" was the Gilbertian method of expressing the idea of "cutting your garment according to the cloth," and the same problem is presented to the prospective home builder in the question of "making the house fit the appropriation," a problem that we all admit is not always easily solved.

Robert C. Spencer in a contemporaneous publication has been giving some reasons why buildings so often cost more than they were originally intended to, and this he attributes in many instances to a lack of frankness on the builder's part toward the architect who he has asked to provide his plans.

"You, the prospective home maker, after having gone over tentative plans with his wife all winter, says the writer, you have decided that \$7,000 is the amount you should expend.

"Your first floor plan shows something like this—a hall 9x12, living rooms 18x23, dining room 13x17, kitchen 12x15, maid's dining room 8x9½, service pantry 7x8½, cook's pantry 5x8, entrance porch, kitchen porch and entry and a screened porch off the living room and dining room 12x17 inside. On the second floor you have three room bedrooms, two baths, a dressing room, a small study or den, and a linen room. In the attic two servant's bedrooms with closets and a bath. There is but one staircase, however. Your plan allowing for thickness of walls and partitions, is a rectangle about 52 feet long and 24 feet wide, to which is added a large porch, the dining room wing 7x11, the stair bay 1x3, the mud-stair entrance porch, and the service porch and entrance. It is about the size of the house your cousin Dick built twelve years ago for eight thousand—it certainly is no larger.

"You mention your appropriation and your architect looks like a man about to break a piece of bad news as gently as possible. He asks you if you are averse to rather low ceilings—say eight feet six in. for the first story and eight feet for the second. You do not. Then he begins to do some figuring, while you wonder why he doesn't say at once that your appropriation is ample. He says, 'Well, here it is:—' 'We ought to build on the lot you have indicated, for about \$10,000, including everything necessary to make the house complete, but not including grading and planting walls, or architect's fees.

"There are the bang figures. Ground about 1,500 square feet, mean 12½ ft., allowing for roof of minimum pitch to accommodate rooms in attic 32 feet, cubic contents, therefore, 17,000. Basement floor level 18,000 feet worth, basement at 20 cents a cubic foot. Allowing about \$300 for porches and service entrance extensions it totals \$30,100. For a well built frame and first house and three on the river and twenty cents a foot is low a cubic foot cost as it would be safe to allow. You may get somewhat lower bids and you certainly will get higher ones. We planned several houses which were built there last year costing from ten

to fifteen thousand and they average twenty cents. Twelve years ago you might have built the same thing in the same neighborhood for sixteen cents.

"Then begins another discussion on the like cost of living while you hope that your architect—instructor is somehow mistaken although it would doubtless be best to figure on putting in the additional two thousand as a last resource, rather than give up that perfect plan for a perfect house, which can't be cut down anywhere and still remain worth building on that beautiful lot.

"Then comes the descriptions of how other neighbors went to architects with a \$20,000 program and a \$12,000 appropriation and the experiences that followed that sort of inexperience.

"As both houses went up the question of details began to dawn upon both builders and it was in these details and extras that the appropriation seeped away like the banks along the Mississippi on a spring flood. The fact is that architects are so dealt with frankness and fully on the question of building appropriation for private work, that they get into a rather bad habit of judging a man's real appropriation by what he wants in a building rather than by what he offers to spend.

"Like the old Oriental system of haggling over a bargain—the seller too high, the buyer too low—until a mean closing price is reached, this method is bad and ought not to be considered necessary by a practical people who are in the habit of buying goods at plainly marked prices.

"Let the owner say to his architect in the beginning, before a line has been drawn, 'You know and I know that it is not customary for clients to be frank about their house building appropriation. The average client is afraid of the extravagance of architects.

"Of course I understand that most of you try to let your clients get as much as possible for their money. Your reputation is being helped that way. But your tendency, since every artist is somewhat of an optimist, you will overdo it. You count too much on the few bids from a line of contractors that seldom come when most needed. And we who are about to build naturally want more than we are able to pay for. We have a feeling that the system of letting contracts to the lowest competitive bidder on a set of plans and specifications may bring us a piece of some thing for nothing, so we name a low price and you don't tell us that it is too low unless it is absolutely so even though you know without putting it in the paper.

"There is a rough and ready method of estimating the approximate cost of a house on the single outlines, floor plan or plan. You evolve at home or from the pockets of plans which you buy before you seek an architect's advice. Simply compute the cubic content of a house of the building and multiply by an assumed cubic foot price. The accuracy of the result will

depend on the degree of accuracy with which this cubic foot price has been guessed.

"For all estimates, except those based on actual bids from contractors, are merely guesses. And so wide are the variations between contractors' bids on completed drawings and specifications, that these often appear to be guesses, rather than the careful expert computations of men thoroughly familiar with current prices in their special lines.

"So architects often find that their rough estimates based on assured cost a cubic foot are nearer the true contract cost than many of the actual proposals which they receive.

"In no branch of building is the unit price more difficult of accurate assumption than in residence work. Not only is cost largely influenced by locality, including the local material market, wage scales, working hours and efficiency of mechanics, but it varies with the type of plan and design, while the character of construction and materials remains unchanged.

"If the cost be estimated according to cubage for a certain construction and finish, it may be modified by percentage factors to determine roughly the cost of different materials, workmanship or equipment.

"The larger and more elaborate the house the more difficult it becomes to assume a cubic foot price. For the house of moderate cost, however, fairly trustworthy data can be given, remembering that they vary with locality, size and construction, and that the tendency of all forms of wood construction and wood finish is to increase gradually as our forests continue to dwindle.

"Twenty years ago good small frame houses were being erected in Chicago's fashionable suburbs at 7 or 8 cents a foot. The same houses now cost more than double. Five years ago a good frame and stucco house costing \$10,000 to \$15,000 could be built in our Western suburbs at 17 cents, but would now cost 20—probably more.

"A few years ago solid thick walled and shingle roofed houses of good size could be built at 25 cents. The price of brick has since increased materially, but local wage scales are higher and the wood framing, floors and finish more expensive. Each year, too, the standard of quality demanded is higher, particularly in the matter of equipment. Wiring for electric lighting, formerly largely done in the cheapest way, is now run in metal conduits. The bath room floors must be of tile instead of wood. Piping for vacuum cleaning must be installed, and maid's quarters must offer the equivalent of good hotel accommodations, so acute has grown the servant problem. The old fashioned, wide open porch is now a sort of over windowed annex to the living room and must not only be glazed with sliding or casement sash, but provided with enough radiation to render it livable all winter. When ten years ago there would have been no

stable or out buildings, there must now be a small garage.

"For small frame houses, wide, sound, tight, stained, lapped, knotted boards, ship lap or boards tongued with rebated battens to shed rain are the most economical exterior covering over sheathing and waterproof building paper or quilt.

"Shingles have nearly doubled in cost in the past twenty years, but still cost no more than the thin, painted, lapped siding or clapboards which for more than a century have been the standard covering for the American frame house. Hard, painfully neat, thin and flimsy looking, without variety of color or texture, and requiring paint every few years to prevent a worn and shabby appearance—they have seen their day. In the long run, if of clear lumber and counting the cost of frequent repainting over the life period of the average house, they are no cheaper than stucco on metal lath.

"Simple brick houses will average not more than 20 per cent more than frame and stucco.

"The combination wall of brick for the first story and stucco or stucco and stained wood above will cost usually nearly as much as the all brick building, but has a picturesque and lively quality which renders it suitable to some sites, while the frame walls of the second story may readily be extended in the form of bays, overhangs or upper porches, allowing greater freedom in planning the upper floors.

"In some localities where gravel or crushed stone are close at hand, hollow cement block for outer walls, including foundations, compete in cost with ordinary frame construction, but are unsightly unless cast without facing and the walls rough casted all over. Hollow terra cotta blocks similar to those used for the partitions of fireproof buildings take and hold cement rough casting well, but the cost is so variable at the present time that the writer would hesitate to name a cubic foot price for the Chicago suburbs with which he is familiar. For the construction of a simple, square cottage costing \$2,500 at Concord, Mass., the architect states that it cost but 8 per cent more than a shingled frame wall construction, according to comparative bids received.

"Our own practice recently indicated on a \$15,000 hollow tile and stucco finished house (the work being largely done by day labor and bids having been received for the same house in frame and stucco) that 3 cents a foot added to 23 cents for the latter covered the difference in cost.

"In any locality where this type is new and unfamiliar only comparative bids on two sets of plans for the same house will clearly show the difference. To a certain extent this also applies to other materials, but is particularly true of hollow tile at the present time.

"It is not advisable to dispense with wood furring and lath for the inside of exterior tile walls. The 26 cent house and no furring or lath. The furring will almost save its cost in the labor of cutting for pipes, conduits, etc., but the lath, preferably metal, is, of course, an added expense.

"We have had tile cottages built as low as 15 cents.

"Brick veneered houses are warm and durable, and in most localities cost somewhere between the price of

frame and solid brick. On one \$8,000 house we found a saving on comparative bids of only \$100 in favor of brick veneers, so naturally used solid brick.

"Stone is seldom used for wall construction in the house of moderate cost, although in many localities it will compare closely in price with brick.

"None of the cubic foot costs enumerated makes allowance either for architects' fees or the work which must be done upon the grounds about the house.

"And in attempting to use them to wet blanket your hopes for that ideal little house, please remember that prices vary with locality, with building activity and with des' as well as with materials, and that you will in the end have to pay not always merely what it actually costs your several contractors to do the work, plus a fair profit for their time and pains, but whatever the lowest trustworthy bidder equipped to do work in your particular locality is willing to accept, and that sometimes, if he is very busy, he wants a stiff premium for his services, unless you are willing to wait until his work is slack.

"Also remember that in the country and in small towns ordinary builders' work, particularly carpentry, plastering, painting, etc., is from 10 to 25 per cent cheaper than in large cities and suburbs."

COMPENSATION FOR INDUSTRIAL ACCIDENTS IN BRITISH COLUMBIA.

Within the past ten years numerous laws have been enacted throughout the world to regulate and place the responsibility of industrial accidents where it rightly belongs. Public policy has decided that industries, collectively, should bear the burden of such accidents, rather than allow the widows and orphans of deceased employees to suffer. The province of British Columbia is fortunate in possessing laws which are sound and fair both to the employer and the employee. An act was passed by the provincial government in 1902, known as the Workmen's Compensation Act, which covers all hazardous occupations and provides for injuries of a purely accidental nature. Carefully compiled statistics show that fully 68 per cent of accidents are incidental to certain industries.

To adequately meet this condition, the Workmen's Compensation Act of British Columbia stipulates that the industry shall bear a part of the cost and the employee the other. It provides that the injured employee shall receive one-half of his weekly wages after the first two weeks, not exceeding \$10 per week for a period of three years, or a maximum amount of \$1,500.

There is a growing feeling of dissatisfaction in British Columbia over the cumbersome and expensive procedure necessary in collecting compensation under this act. According to the present legal practice, arbitration proceedings under the act carry supreme court costs. In other words the contending solicitors can tax the same fees in a minor injury claim, involving probably \$50 or \$100, as in action at common law, where the amount in dispute may

reach \$25,000. Cases are frequently occurring in which between \$300 and \$100 costs have been taxed by solicitors over a disputed amount of less than \$100. This is rather expensive justice, both for the employer and employee, and although the act was primarily intended to establish a fair workable basis of compensation between employer and employee, it has unquestionably proved, in cases of dispute, quite a source of revenue to the legal profession, at the cost of contending parties. As the maximum compensation provided by the act is \$1,500, it seems only reasonable that the costs should be assessed on a county court basis—where the limit of claim at present stands at \$1,000—instead of under the supreme court schedule, involving costs for both parties which are entirely out of proportion to the amount of damages in dispute.

In 1897 another act, known as the Employers' Liability Act, came into force in British Columbia, which act provides for accidents caused through the negligence of the employer or his superintendent. The limit of compensation under this act is full wages for a period of three years, with the minimum amount of compensation assessed at \$2,000. The employee also has the right to sue for compensation in British Columbia under the common law, in which case the amount of damages is assessed by the courts. In several recent cases decided under the common law, verdicts for damages have run as high as \$12,000.—Western Canada Contractor.

LICENSE TO RADIO OPERATORS.

Secretary of Commerce Redfield is in receipt of a statement from the Bureau of Navigation showing that during the first four months of the operation of the act to regulate radio communication, which took effect on December 13, 1912, the Department of Commerce, through the bureau of navigation, has issued 3407 licenses to wireless operators and stations in the United States. The first grade commercial operator's licenses number 1279, second grade 186, while 1195 amateurs have been licensed although work with the latter class has been delayed to push the licensing of commercial stations and operators. Eight operators' licenses of the experiment and instruction grade have been issued.

The bureau of standards has designed special testing instruments for the purpose of measuring wave length, decrement, etc., to reduce interference and insure the orderly use of radio communication, and these instruments are now being put into the hands of then ten inspectors in the field, who will be fully equipped by the end of the month.

Thus far forty-six American ship stations and eighteen coast stations have been licensed, and this branch of the work will now proceed more rapidly. Amateur stations to the number of 685 have been licensed. The inspections already have considerably increased the efficacy of wireless apparatus on ship and coast stations. The wireless apparatus on ocean passenger steamers has been inspected before about 1500 sailings from the United States during the four months.

Firms desiring news on special classes of buildings, such as flanks, churches, schools, hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 4 story and base, frame, \$12,500. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Herman Högrefe, 1980 Hyde St., S. F. The building will cover an area of 22x70 feet, and has been arranged for seven apartments of two and three rooms each with bath. Interior will be finished in pine with some elm veneer. Hardwood floors will be used in the principal rooms. There will be a central heating system, and all suites will be supplied with hot and cold running water. There will be wall beds. Exterior of the building will be covered with white cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house alterations, frame construction, \$2,000. Architect, Theo. Lenzen, Humboldt Bank Bldg., S. F. Owner, T. F. Kierman, 1715 Mission St., S. F. This work will include new interior finish, plumbing, plastering, electric work and wall beds. Interior finish will be of pine throughout. Exterior of the building which is also to undergo considerable alteration, will be covered with ship-lap and rustic. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, Edward Olsen, 29 Westall Ave., Oakland. The building will be erected at the southeast corner of 16th and Adeline streets, and has been designed to contain 18 apartments of two, three and four rooms each. Interior finish will be of pine throughout. Some hardwood floors will be used. Each apartment will have a water heater, private bath and wall beds. Tile will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

EUGENE, ORE.—Apartment house, 3 story and base, brick, \$35,000. Architect, J. R. Ford, Eugene. Owners, Smith-Sweeney. The building will contain 23 apartments of two and three rooms. All suites will have wall beds and private bath rooms. There will be steam heat and a vacuum cleaning system. Interior will be finished in pine throughout. Some oak floors will be used. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, brick and steel, \$50,000. Architects, A. F. and O. M. Roussieu, Monandock Bldg., S. F. Owner, C. J. Garband. This building has been mentioned here before when plans were first started. Working drawings are complete and figures will be called for at once. The structure will be erected on Geary street west of Larkin and will contain 88 rooms and two stores. Suites will consist of two and three rooms each, with wall beds and private baths. There will be steam heat, an automatic elevator, vacuum

cleaning system and other modern improvements. Interior finish will be of pine and hardwoods. Tile and cement will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are now out for figures.

SAN FRANCISCO—Apartment house, 1 story and base, brick and steel, \$10,000. Architect, John A. Ettler, Atlas Bldg., S. F. Owner, H. E. Bothin. The building will be erected at the northeast corner of Polk and Green streets. First floor will be arranged for stores. Upper floors will be divided into a number of two and three room apartments with wall beds and private baths. Interior finish will be of pine with hardwood veneer and floors. Bath rooms will have tile wainscot. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick and cement plaster. There will be a hot water supply system. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, Edward Olsen, 29 Westall Ave., Oakland. The building will occupy a corner site and has been designed to contain 18 rooms, which will be arranged in two-room suites with baths. Interior finish will be of pine throughout. There will be wall beds, private baths and some hardwood floors. Plans provide for a central heating system and hot water supply. Bath rooms will be finished in tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. He is now in the market for all materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, J. Spellman. This building has been mentioned here before when plans were first started. The building will be erected at the corner of 25th and Telegraph avenue, and has been designed to contain a number of two and three room suites. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the principal rooms. A central heating system and hot water supply will be installed. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic. Plans are complete and the architect is now taking figures on the work.

LOS ANGELES, CAL.—Apartment house, 3 story and base, frame, \$45,000. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, W. W. Middlebroff. The building will contain 76 rooms, which are to be arranged in two and three room suites with private baths. Interior finish will be of pine and hardwood with hardwood floors. There will be steam heat and elevator service. A vacuum cleaning system and hot water plant will also be installed. Bath rooms will be finished in tile and cement plaster. The exterior of the building will be faced with pressed brick. All suites will have wall beds. The work will proba-

bly be carried out by the Maine Building Co.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, A. W. Biewe, California Bldg., L. A. Owner, M. E. Perry. The building will cover an area of 35x105 feet, and will contain 42 rooms, arranged in two and three room suites, with baths. The interior will be finished in pine throughout with hardwood floors in the principal rooms. There will be furnace heat and a hot water system. Plans also include elevator service and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, Frank Eckley. The building will be erected on an inside lot and will have a frontage of 50 feet and a depth of 134 feet. Interior has been arranged for 57 apartments of two and three rooms each. Pine and hardwoods will be used for interior finish. There will be steam heat and elevator service, a hot water system and vacuum cleaning. All suites will be equipped with wall beds. The exterior of the building will be faced with pressed brick. Plans are being prepared.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Meicall & Davies, 43 American Ave., Long Beach. Owner, Mrs. Lucia Boyd. The building will cover an area of 66x90 feet, and will contain 70 rooms, arranged in two and three room apartments. All suites will have wall beds and private baths. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile and cement plaster. There will be steam heat and elevator service. A vacuum cleaning system will be installed. Exterior of the building will be faced with glazed brick. Plans are now being prepared for the work.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick. Cost not stated. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owners, William M. McCartney Co. The building will be erected at the corner of Orange and Figueroa streets, and will cover an area of 75x197 feet. Plans provide for a total of 138 rooms, which are to be arranged in two and three room suites with private baths. There will be steam heat, hot and cold water supply and vacuum cleaning system. All suites will be equipped with wall beds. Interior will be finished in pine and hardwoods. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick, \$50,000. Architect, Frank M. Tyler, Hibernian Bldg., L. A. Owner, G. Rupert Johnson. Contractors, Hubbard & Gardner, Douglas Bldg., L. A. Note: The general contract only has been awarded and the work has been taken on a percentage basis.

SEATTLE, WASH.—Apartment house additions and alterations, reinforced concrete, \$100,000. Architect, none. Owner, H. S. Amen. Contractors, MacRea Bros., Empire Bldg., Seattle. Con-

tract price, \$100,000. The work consists of the addition of a two-story 60x120 foot reinforced concrete building under the present building, and changing the partitions, stairways, plumbing, heating, electric wiring, etc., in the existing structure. Specifications include either brick or stone facing on the addition, tile, glass, plaster, tinting, etc.

LOS ANGELES, CAL. — Apartment house, 3 story and base. Class C. Cost not stated. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owner, J. R. Lane. Contractors, Nance & Phelps, Ferguson Bldg., L. A. Contract price not stated.

CHURCHES.

PORTLAND, ORE.—Church, 2 story and base, brick and concrete, \$35,000. Architects, Johnson & Moyer, Commercial Club Bldg., Portland. Owners, Piedmont Presbyterian Church. The building will be erected at the corner of Jarrett and Cleveland streets, and will contain a large auditorium, Sunday school room, pastor's study, social hall and kitchen. There will be a central heating system. Interior finish will be of pine and ornamental plaster. The exterior of the building will be faced with pressed brick. Plans are complete and figures are to be taken at once.

be fireproof throughout with cement floors, metal window sash and frames and fire proof doors. No interior trim will be used. There will be elevators and an automatic sprinkler system. Exterior of the building will be faced with cement plaster. Excavating has been completed by Frank Holland, and the owners are now putting in the retaining walls and foundation work by Day Labor. An order has been placed for the steel. All other parts of the work will be segregated.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architect, none. Owner, J. Johnson, 488 9th Ave., S. F. The building will contain two modern flats of four and five rooms each with bath. Interior finish will be of pine throughout. Tile will be used in the bath rooms and kitchens. Hardwood floors are specified in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Exterior of the building will be covered with cement plaster on metallath. Plans are complete and in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,000. Architect, W. G. Hind, 46 Kearny St., S. F. Owner, J. Denning. The building has been designed for five small apartment flats with private baths. Each apartment will contain four rooms. Interior finish will be of pine with some hardwood panels. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of tile. Tile will also be used in the bath rooms. There will be wall beds. Exterior of the building will be covered with rustic and brick veneer. Plans are complete and segregated figures are being taken by the architect.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,500. Architect, none. Owner, S. B. Hallett, 1259 12th Ave., S. F. The building will contain two flats of five and six rooms, and will be erected on 7th avenue north of Irving street. The interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Both flats will have an open fire place in the living room with a brick mantel. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,600. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, W. J. Wagner. The building will be erected on 2nd avenue, and will be arranged for two large flats and a private garage in the basement. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be open fire places and brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster and brick veneer. Plans are complete and figures are being taken.

GARAGES.

SAN FRANCISCO—Garage, 3 story and base, two mezzanine floors, reinforced concrete, \$80,000. Architects,

BRIDGES AND DAMS.

CROWS LANDING, STANISLAUS CO., CAL.—Bridges, steel and concrete. Cost not stated. Engineer, County Surveyor Anear, Modesto. Owners, Stanislaus County. The County Surveyor was ordered on Tuesday by the Board of Supervisors to prepare plans and specifications for the construction of an 80-foot steel span, with 20 feet of trestle, in place of the east end of Crows Landing bridge over the San Joaquin River, and an 80-foot steel span together with 220 feet of trestle instead of the 200 and 100 feet combination spans on the west end of the draw bridge.

Willison & Foster, Modesto, secured the contract at \$3,913 for making repairs to the Empire bridge.

OAKLAND, CAL.—Dredging, bulk head and trestle construction. Cost not stated. Engineers, Engineering Department San Francisco, Oakland and San Jose R. R. Co., Oakland. Owners, San Francisco, Oakland and San Jose Railroad. Plans have been completed for extensive work which is to be carried out in the development of the company's system. Bids will be opened on May 15th. The following work is included: 15,000 linear feet temporary railway trestle, 14,700 linear feet sheetpile bulkhead, 165,000 cubic yards rock excavating, 20,000 cubic yards earth excavating, 1,250,000 cubic yards hydraulic dredging. Alternative plan: 10,000 cubic yards preparatory dredging, 15,600 linear feet of seawall containing about 305,000 cubic yards of rock, 1,250,000 cubic yards hydraulic dredging.

SAN DIEGO, CAL.—Bridge construction, concrete and steel. Cost not stated. Engineer, City Engineer, San Diego. Owners, City of San Diego. The following bids were received by the city council for the construction of the Old Town bridge, Woolman avenue bridge, Main street bridge, and Escondido ford: For the entire work, Chas. Steffen, \$35,900; Engineering Contracting and Construction Co., \$37,100; C. L. Hyde Construction Co., \$39,000; John Campbell, \$50,000. Separate bids were as follows: Woolman and Main street bridges, Munoz & Munoz, \$12,147; Holland Construction Co., \$12,783; Mercereau Bridge and Construction Co., \$14,880; H. D. Trounce, \$12,647, including ford. S. M. Kerns bid \$22,650 for the Old Town, and \$7,000 for the Main street bridge; J. L. McKnight, \$22,272 Old Town, \$7,288 Woolman avenue; Worcester Construction Co., \$21,600 Old Town; Robert Beyle, \$2,750 Woolman avenue; R. O. Coggeshall, \$5,940 Main street bridge and ford; S. M. Kerns, \$6,230 Woolman avenue.

COURT HOUSES.

OAKLAND, CAL.—Auditorium, 3 story Class A construction, \$500,000. Architects, J. J. Donovan, Security Bank Bldg., Oakland, associated with Palmer & Hornbostel, New York. An unusual condition developed at the opening of bids for the structural steel for the Oakland Auditorium when they were opened at Thursday's meeting of the Board of Supervisors. All bids received previously were in excess of the amount available and plans have been revised. Bids received yesterday on both the entire work and on unit prices were \$26,600 higher than the first bids. One member of the Board of Supervisors made a motion that all bids be rejected, but failed to get a second. Figures have been referred to the City Attorney and Commissioner of Public Works. Only two bids were received, one from the Pacific Rolling Mills for \$203,959, and one from the Judson Iron Works for \$222,082. The unit prices were as follows: Straight beams with or without connections, Judson Iron Works, .05; Pacific Rolling Mills, .041; Plate girders, Judson Iron Works, .057; Pacific Rolling Mills, .047; trusses or built-up lumber, Judson Iron Works, .055; Pacific Rolling Mills, .055; rods, Judson Iron Works, .08; Pacific Rolling Mills, .073; bent work, Judson Iron Works, .084; Pacific Rolling Mills, .078.

SEATTLE, WASH.—Court house, 3 story and base. Class A construction, \$950,000. Architect, A. Warren Gould, Seattle. Owners, City of Seattle. This work has been mentioned here a number of times before. Working drawings are complete and figures will be opened on May 14th. Plans can be secured from the architect. Construction will be of reinforced concrete and steel. No bid in excess of \$950,000 will receive consideration.

Contracts Awarded.

NEWBERG, ORE.—City hall, 2 story and base, brick and steel, \$20,000. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Town of Newberg. Contractor, G. E. Howland. Contract price, \$14,125. Note: This contract calls for the general construction only.

FACTORIES & WAREHOUSES.

R SAN FRANCISCO—Warehouse, 3 story and base, reinforced concrete, \$30,000. Engineer, A. E. Hornlein, Pacific Bldg., S. F. Owners, Warehouse Investment Co. This building has been mentioned here under another architect's name. The structure will cover an area of 120x130 feet, and will

Cunningham & Politen, First National Bank Bldg., S. F. Owners, E. L. Goldstein & Co. The building will be erected at the corner of Van Ness and Oliver avenues and has been designed for a modern garage and automobile sales rooms. Interior of the front portion of the building will be finished in hardwoods, tile and marble. There will be sales rooms, repair shop and storage space. Construction will be fire proof. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. The structure will cover an area of 109x120 feet. Plans are complete and figures are being taken.

LOS ANGELES, CAL. — Garage, 2 story and base, reinforced concrete. Cost not stated. Architects, R. B. Young & Son, Linkershim Bldg., L. A. Owner, Charles E. Anthony. The building will cover an area of 50x156 feet, and will be arranged for sales rooms and garage. The entire building has been leased to the Packard Co. Interior of the offices and sales rooms will be finished in hardwoods, tile and marble. There will be cement floors, metal window sash and frames and special gasoline storage tanks. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

GOVERNMENT WORK AND SUPPLIES.

Extension of Crude Oil Contract.

The present contract with the Union Oil Company of California, for supplying the crude oil used by the Isthmian Canal Commission and Panama Railroad expired on March 31 of this year, and on March 4 the Secretary of War approved the extension of the existing agreement until June 30, 1914, in effect, without change. The Union Oil Company has been supplying its product to the commission since August, 1907, although it was not until November 14, 1907, that its pipe line across the Isthmus was in complete operation. The revocable license granted it on January 10, 1906, was superseded on April 1, 1909, by a contract for one year, extendible for three years, or until April 1, 1913. Under the former license the company delivered oil on the Isthmus at the rate of 90 cents a barrel; under the succeeding agreement, the price was advanced 20 cents a barrel, which price still obtains. The maximum amount of oil that can be purchased in any one month at the present time is 100,000 barrels.

Prospective Bidders.

The following firms have applied for plans and specifications for the work on the hospital at the naval training station at Pearl Harbor. Bids will be opened on May 16th:

Ed. O. Hamilton, 24th and Farnam streets, Omaha, Neb.
Connors Bros. Co., Lowell, Mass.
W. N. Concanon Co., Monadnock Building, San Francisco, Cal.
Crane Co., Washington, D. C.
Keasly & Mattison o., Ambler, Pa.
Sound Construction and Engineering Co., Seattle, Wash.
Southwestern Construction Co., Los Angeles, Cal.
Pearson Construction Co., 754 New York Block, Seattle, Wash.
Federal-Huber Co., Chicago, Ill.
Kilbourn & Jacobs Manufacturing Co., Broad Exchange Bldg., New York city.

E. A. Brandt & Co., 11 Broadway, New York city.

Seattle Car and Foundry Co., Seattle, Wash.

Jackson Manufacturing Co., 114 Liberty street, New York city.

Standard Steel Works, Morris Building, Philadelphia, Pa.

Norman H. Livermore & Co., Bailey Building, Seattle, Wash.

Fort Stevens, Bakery.

Bids for the construction of a bakery at Fort Stevens, Ore., were received by the quartermaster at Fort Stevens on April 3 as follows:

Item 1, building; 2, plumbing; 3, heating; 4, wiring; 5, fixtures.

C. L. Houston, Astoria, Ore., item 1, \$10,064; 2, \$638; 3, \$75; 4, \$174; 5, \$79.

Palmberg & Mattson, Astoria, Ore., item 1, \$11,300; 2, \$640; 3, \$750; 4 and 5, \$250.

Frank Cunningham, Hammond, Ore., item 1, \$10,363.

John C. Sheppard, Vancouver, Wash., item 1, \$12,490.

Highway Bridge.

The following bids were received April 14 by the commissioner of Indian Affairs, Washington, D. C., for the erection of a steel highway bridge across the Deschutes River, Ore.:

Item 1, riveted bridge; 2, pin connected bridge.

Midland Bridge Co., Kansas City, Mo., item 1, \$14,760 and \$12,625; 2, \$14,177 and \$12,035.

Illinois Steel Bridge Co., St. Paul, Minn., item 1, \$14,940 and \$13,940; 2, \$14,740 and \$13,740; extra concrete, \$10 and \$14 per cubic yard.

Clinton Bridge Works, Clinton, Ohio, item 1, \$20,940; 2, \$21,600; extra concrete \$13 and \$10 per cubic yard.

Coast Bridge Co., Portland, Ore., item 1, \$14,248; 2, \$13,580.

Omaha Structural Steel Works, Omaha, Neb., item 1, \$14,955; 2, \$14,225.

Albert L. Smith, Spokane, Wash., item 1, \$17,800; 2, \$17,400.

Northwest Steel Co., Portland, Ore., item 1, \$14,985.

E. G. Perham, Marshfield, Ore., item 1, \$14,900; 2, \$14,400.

Clamps for Transmission Line.

The following bids were received on March 17 by the U. S. Reclamation Service, Los Angeles, Cal., for furnishing galvanized clamps for Roosevelt-Mesa Line, Salt River project, Ariz.:

Webster Malleable Casting Co., \$230.-80; f. o. b. Los Angeles, 30 days.

Fulton Engine Works, \$263; f. o. b. Los Angeles.

Cover of Alene Indian School.

The following contracts have been awarded by the commissioner of Indian Affairs, Washington, D. C., for the construction of buildings and water and sewer system at the Cover of Alene Indian Agency, Idaho:

B. W. Young, Spokane, Wash., two frame cottages, Nos. 85 and 96, guard-house, and water and sewer system, \$14,746.

J. L. Murphy & Sons, Tacoma, Wash., three cottages, No. 86; office, No. 14; police quarters and warehouse, \$16,505.10.

Locomotive Cranes.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington,

D. C., April 12 for furnishing 11 15-ton locomotive cranes, with grab-bucket equipment, delivered at the naval station, Pearl Harbor and navy yard, Puget Sound, Wash.:

Item 1, price for 11 cranes, complete; 2, do, differing in detail from the specifications; 3, price for six cranes and for each crane additional up to a total of 11.

Browning Engineering Co., Cleveland, Ohio, item 1, \$10,000 each; 3, two cranes, Puget Sound, \$9,000.

Brown Hoisting Machinery Co., New York city, item 1, \$102,325; 3, \$55,700 for six cranes; add \$9,325 each for additional cranes.

McMyler Interstate Co., Bedford, O., item 3, two for Puget Sound, four for Pearl Harbor, \$70,000; two for Puget Sound, five for Pearl Harbor, \$81,700; two for Puget Sound six for Pearl Harbor, \$93,400; two for Puget Sound, seven for Pearl Harbor, \$105,100; two for Puget Sound and eight for Pearl Harbor, \$116,800; two for Puget Sound and nine for Pearl Harbor, \$128,500.

Pearl Harbor, H. T., Dump Cars.

The bid of the Wm. J. Oliver Mfg. Co., Knoxville, Tenn., \$33,316 in amount, has been accepted for furnishing 15 dump cars, 20-yard, for delivery at the naval station, Pearl Harbor, H. T.

Casper, Wyo., Construction.

The following is an additional bid for the construction of the U. S. post office at Casper, Wyo. This bid was received prior to the hour of opening on April 7, but was inadvertently mislaid in the office of the supervising architect:

Esmev & Ukeneskey, Casper, Wyo., limestone, \$58,023.75; sandstone, \$37,518.85.

Alternate C, substituting stone for exterior ornamental terra cotta, as specified, add to limestone bid \$2,000 add to New Castle, Wyo., white sandstone bid if same stone is substituted, \$1,000.

Alternate D, substituting Keene's cement for all plastering, as specified, add \$300.

Alternate E, substituting terra cotta for reinforced concrete construction of first and mezzanine floors, as specified, add \$500.

Alternative F, substituting galvanized sheet metal for wood covering of exterior mailing vestibule, as specified, add \$100.

Permanent Water Supply.

The committee consisting of Mr. H. H. Rousseau, chairman; H. O. Cole, George M. Wells, James T. B. Bowles, and Louis Ernst, appointed to consider plans and make recommendations for a permanent water supply for the Pacific end of the Panama Canal, has submitted its report, and same has been approved by the chairman. The plans contemplate the continued use of the Rio Grande reservoir, and the increasing of its capacity by raising the dam to elevation 265 feet, or 27 feet above the present crest. It is believed that with the increased capacity the reservoir will supply at least 6,000,000 gallons of water a day, except in years of minimum rainfall, such as 1888 and 1912.

Douglas, Wyo., Construction.

The following is an abstract of the bids opened April 12 at the office of the supervising architect, Treasury Department, Washington, D. C., for the con-

struction of the U. S. post office at Douglas, Wyo.:

Bid 1. W. D. Lovell, Minneapolis, Minn.

2. J. F. Jenkins & Co., Ocala, Fla.
Using limestone for all stone work, except where granite is required—Bid 1, \$84,000; 2, \$89,500.

Using Wyoming sandstone for all stone work, except where granite is required—Bid 2, \$94,000.

For alternate A: Substituting terra cotta for certain reinforced concrete floor construction, as specified, add—Bid 1, \$2,000; 2, \$800.

For alternate B: Substituting composition blocks for terra cotta partitions and furring, as specified, deduct—Bid 1, \$150.

For alternate C: Substituting wood framing, etc., for the ceiling and roof, as specified, deduct—Bid 1, \$1,000; 2, \$250.

For alternate D: Painting walls, ceilings, etc., as specified, add—Bid 1, \$1,600; 2, \$1,600.

For alternate E: Substituting Keene's cement for hard plaster, as specified, add—Bid 1, \$800; 2, \$650.

For alternate F: Substituting terrazzo tile for terrazzo field and marble borders and strips, as specified, add—Bid 1, \$400.

Amount included in the proposal for all work in connection with waterproofing basement walls, etc., including the brick or terra cotta lining—Bid 1, \$700; 2, \$300.

Amount included in the proposal for the subdrainage system, including catch basin—Bid 1, \$300; 2, \$700.

Amount included in the proposal for all work specified under head of "Plumbing," based on the number of fixtures as given in the schedule, exclusive of plumbing marble—Bid 1, \$2,400; 2, \$3,200.

Amount included in the proposal for all marble work and terrazzo floors, complete, in place in all toilet rooms—Bid 1, \$1,400; 2, \$1,700.

Amount included in the proposal for all work specified under head of "Gas piping"—Bid 1, \$300; 2, \$200.

Amount included in the proposal for all work specified under head of "Heating apparatus"—Bid 1, \$3,400; 2, \$2,400.

Amount included in the proposal for all work specified under head of "Conduit and wiring system"—Bid 1, \$1,600; 2, \$900.

Amount included in the proposal for all work specified under head of "Lighting fixtures"—Bid 1, \$470; 2, \$450.

Amount to be deducted from the proposal if nonconducting covering is omitted from hot water boiler and water heater and hot and cold water piping of plumbing system except covering of the ice water piping and piping concealed in furred spaces—Bid 1, \$100; 2, \$150.

Amount to be deducted from the proposal if nonconducting covering is omitted from boiler, smoke, breeching, and piping of heating apparatus, except risers in chases—Bid 1, \$175; 2, \$175.

Amount to be added to the proposal if lead-lined wrought iron or lead-lined steel piping is substituted for the galvanized water piping of plumbing system—Bid 2, \$1,600.

Amount included in the proposal for window and door screens—Bid 1, \$400; 2, \$450.

Manufacturer of plumbing fixtures—

Bid 1, Crane Co.; 2, John Douglas Co.

Manufacturer of lighting fixtures—Bid 1, Gas Fixture & Brass Co.; 2, Gas Fixture & Brass Co.

Manufacturer of direct cast-iron radiator—Bid 1, American Radiator Co.; 2, Kewanee Radiator Co.

Manufacturer of wall radiators—Bid 1, American Radiator Co.; 2, Fowler & Wolff.

Manufacturer of nonconducting coverings—Bid 1, Johns-Manville Co.; 2, Johns-Manville Co.

Manufacturer of radiator valves—Bid 1, Jenkins Bros.; 2, Jenkins Bros.

Manufacturer of cabinet and tablet—Bid 1, Frank Allen; 2, Frank Adam.

Manufacturers of conduit—Bid 1, Weir Tube Co.; 2, Mark Mfg. Co.

Manufacturer of wire, rubber covered—Bid 1, Hazard Mfg. Co.; 2, American Steel & Wire Co.

Manufacturer of plug receptacles—Bid 1, Bryant Electric Co.; 2, Bryant.

Manufacturer of snap switches—Bid 1, Arrow Electric Co.; 2, Arrow.

PORT BAKER, MARIN CO., CAL.—Fence construction, woven wire. Cost not stated. Engineer, Quartermaster Dept., Fort Baker. Owners, United States Government. Bids will be opened at Fort Baker by Lieut. R. W. Pinger on May 12th for the construction of 8,000 feet of five-strand woven wire fence. Plans and specifications can be obtained from the Quartermaster's office at Fort Baker.

HALLS AND SOCIETY BUILDINGS.

LONG BEACH, LOS ANGELES CO., CAL.—City hall, 2 story and base, reinforced concrete, \$200,000. Architect, City Engineer E. P. Dewey. Long Beach, Owners, City of Long Beach. Preliminary sketches have been prepared for a building housing all city departments, including the police and fire departments. The plan suggests a structure covering an area of 100x300 feet. Bonds are to be voted on in the near future.

ALHAMBRA, LOS ANGELES CO., CAL.—City hall, 2 story and base. Class A construction, \$35,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, City of Alhambra. This work has been mentioned here before when plans were first out for figures. All bids were rejected and plans revised. New bids are now being called for and will be opened on May 3rd. Plans and specifications can be secured from the architects or from the City Clerk.

Contracts Awarded.

TAFT, KERN CO., CAL.—Lodge hall, 2 story and base, brick, \$21,000. Architect, O. L. Clark, Bakersfield. Owners, Odd Fellows' Hall Association. Contractor, J. C. McDonald. Taft. Contract price, \$21,000.

HOSPITALS.

ASTORIA, ORE.—Hospital, 2 story and base, brick, \$25,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Town of Astoria. The building will be built in the shape of a letter T with the main portion 40x75 feet and wing in the rear 10x10 feet. The main portion will contain a laundry, kitchen, dining and storage rooms. Upper floors will contain three large

dormitories, wards, solarium, operating rooms and private rooms. There will be steam heat and a vacuum cleaning system. Interior finish will be of tile and pine. Modern equipment will be used throughout. Exterior of the building will be faced with pressed brick. Plans are being prepared.

HOTELS.

SAN FRANCISCO—Hotel, 5 story and base, brick and steel, \$40,000. Architect, Henry Sherrinund, Mills Bldg., S. F. Owners, Mersing Estate. The building, which has been mentioned here before, will be erected at the corner of 8th and Folsom streets, and will contain stores on the first floor and a large number of hotel rooms on the upper floors. Plans provide for steam heat and elevator service. Interior finish will be of pine with some hardwood in the office and lobby. All rooms will be supplied with hot and cold running water. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN FRANCISCO—Hotel, 7 story and base, reinforced concrete, \$70,000. Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner's name withheld. This building will be erected on Taylor street between Golden Gate avenue and Turk street. The first floor will be arranged for two stores besides the hotel office and lobby. Upper floors will contain a total of 125 rooms, a number of which will have private baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwood with some ornamental plaster. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken at once.

SAN FRANCISCO—Hotel, 7 story and base, concrete and steel, \$70,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, Hunsen and Johnson. The building will be erected on Turk street west of Larkin and will cover an area of 52x137½ feet. The first floor will contain stores besides the hotel entrance and lobby. Upper six floors will be subdivided into 100 guest rooms and 68 baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot and cold water supply. Some wall beds will be used. Interior will be finished in pine and hardwood. Ornamental plaster will be used in the lobby. Exterior of the building will be faced with cement plaster in imitation of Caen stone. Plans are nearly complete.

LOS ANGELES, CAL.—Hotel, 12 story and base, Class A construction. Cost not stated. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. owner, N. W. Stowell. The building will be erected on Spring street just south of Fourth. There will be one store and a cafe on the first floor besides a large office, lobby and parlors. Upper floors have been arranged for a total of 275 guest rooms and 264 baths. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for three elevators, steam heat, vacuum cleaning system and circulating ice water system. The exterior of the building will be faced with glazed brick and terra cotta. Working drawings are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 12 story and base, Class A construction, \$360,000. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Hart Bros. Contractors, F. O. Engstrom & Co., 5th and Seaton Sts., L. A. general construction only. Contract price not stated.

SAN FRANCISCO—Hotel, 4 or 5 story and base, brick and steel. Cost not stated. Architect, Hiram K. Lovell, 1517 Felton St., Berkeley. Owner, Mrs. Parker. Contractor, P. J. Walker Co., Monadnock Bldg., S. F. Contract price not stated.

SAN DIEGO, CAL.—Hotel, 7 story and base, reinforced concrete, \$125,000. Architect, W. S. Keller, San Diego. Owner, Rice-Landwick Co. Contractor, T. M. Russell, 30th and Redwood streets, San Diego. Contract price, \$125,000.

SEATTLE, WASH.—Hotel, 4 story and base, reinforced concrete, \$75,000. Architect, W. E. Dwyer, New York Bldg., Seattle. Owner, J. P. Jones. Contractor, C. E. Martin, New York Bldg. Contract price, \$75,000.

LIBRARIES.

PASADENA, LOS ANGELES CO., CAL.—Library, 1 story and base, Class A construction, \$30,000. Architects, Train & Williams, Exchange Bldg., L. A., associated with F. M. Ashley, Pasadena. Owners, City of Pasadena. The building will cover an area of 63x65 feet, and has been designed in the classic style. Construction will be of the Class A type throughout with exterior walls faced with cement plaster in imitation stone and pressed brick. Interior will be finished in oak and other hardwoods. A tile floor will be used. Steam heat and a vacuum cleaning system are specified. Plans are complete and figures will be opened on May 1st. Plans may be obtained from Train & Williams. A general contract, including everything except furniture and light fixtures will be let.

BAKERSFIELD, KERN CO., CAL.—Library, 2 story and base, concrete and steel. Cost not stated. Architect, O. L. Clark, Bakersfield. Owners, City of Bakersfield. As was stated in last week's issue the Library Trustees have approved the plans for this building and construction will be started as soon as bids can be taken. The building will cover an area of 54x33 feet. Exterior will be faced with cement plaster.

HUNTINGTON BEACH, LOS ANGELES CO., CAL.—Library, 1 story and base, brick, \$10,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Town of Huntington Beach. The architects have just been commissioned to prepare plans for this building. There will be two public reading rooms, librarian's office and stack room. Interior will be finished in pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Fire houses, 3, 1 story and base, frame, \$31,143. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened

for the construction of three fire houses show H. Chase low at \$31,143. He will probably be awarded the contract. A complete list of the figures appears under San Francisco in this issue. Bids have also been opened for the pile foundation for the Fine Arts Building and may be found under the same heading.

POST OFFICES.

POCATELLO, IDAHO—Post office, 3 story and base, brick, stone and steel. Cost not stated. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed and approved for a three-story fireproof structure covering a ground area of approximately 4,500 square feet. Interior will be finished in pine and hardwoods, with tile and marble wainscoting. There will be steam heat. Interior partitions will be of hollow tile. Floors will be of concrete. Plans provide for metal window sash and frames and fireproof doors. A general contract will be let which includes the plumbing, heating, electric work and lighting fixtures. Exterior of the building will be faced with cut stone, pressed brick and granite. Roof will be of tin. Bids are now being taken and will be opened on May 28th. Plans can be secured from either the Supervising Architect at Washington or from the custodian of the site at Pocatello. The official proposal appears in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Car barn, 1 story, reinforced concrete. Cost not stated. Architect, H. Alban Reeves, Chamber of Commerce Bldg., L. A. Owners, Santa Barbara and Suburban Railway Co. The building will cover an area of 80x120 feet. There will be concrete floors and repair pits, steel roof trusses and metal window sash and frames. The exterior of the building will be faced with cement plaster. Plans are being prepared.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, L. Shirar, Chronicle Bldg., S. F. The dwelling will be erected on 23rd avenue, and will contain six rooms, bath and sleeping porch. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,800. Architect, none. Owner, Marshall Diggs, 2444 Bowditch St., Berkeley. The dwelling has been designed for an eight-room house with all modern conveniences. There will be furnace heat and open fire places. Interior will be finished in pine with hardwood floors in the principal rooms. Mantels will be of brick. Tile will be

used in the bath room and kitchen. Besides the eight rooms there will also be a sleeping porch. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by the Day.

BERKELEY, ALAMEDA CO., CAL.—Residences, 2, 2 story and base, frame, \$3,500 each. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Ochleiree. These houses will be erected at the corner of Bonita and Vine streets, and will each contain seven rooms and bath. Interiors will be finished in pine with some hardwood veneer. There will be hardwood floors in the dining rooms, living rooms and reception halls. Furnace heat and open fire places will be installed. Mantels will be of brick and tile. An automatic water heater is specified in one of the houses. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Brock. The house has been designed for an eight-room dwelling with two baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, United Home Builders, 1762 Broadway, Oakland. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine with hardwood floors in the principal rooms. There will be a hot air furnace and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are complete and in the hands of the owners who are now purchasing all materials. Work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$6,000. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, C. E. Quigley. The dwelling will be erected at the corner of College and Rand avenues, and will contain eight rooms, sleeping porch and baths. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall and den. There will be furnace heat and open fire places. A large brick mantel will be one of the features of the house. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$20,000. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. E. J. Culver. This dwelling was mentioned in last week's issue, at which time plans were nearly complete. Working drawings have been completed and bids are now being taken on the work. The house will be erected in Claremont Tract, and will

contain 12 or 11 rooms, baths and sleeping porch. Interior will be finished in pine and hardwoods. There will be a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed. A garage will be erected on the rear of the lot. Exterior of the house will be covered with cement plaster on metal lath.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owners, Jones and McGovern, 2218 Los Angeles Ave., Berkeley. The house will contain seven rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners are now purchasing all materials.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, Mrs. A. G. Sanderson. The house will contain eight rooms, bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be wainscoted with tile. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. The work will be carried out by Sullivan Bros., 6456 Harmon Court, Oakland.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architect, Louis M. Upton, Mutual Savings Bank Bldg., S. F. Owner, George D. Greenwood. The house will contain ten or twelve rooms, several baths, sleeping porch and laundry. Interior will be finished in pine and hardwood. Hardwood floors will be used in all principal rooms. There will be furnace heat, open fire places, an automatic water heater and a vacuum cleaning system. Mantels will be of marble and tile. A garage will be erected on the rear of the lot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

VANCOUVER, B. C.—Residence, 2 story and base, tile and concrete, \$100,000. Architects, Cutler & Mahngren, Bldg., Vancouver. Owner, C. D. Stimson, White Bldg., Vancouver. The dwelling will contain eleven sleeping rooms, ball room, gymnasium, billiard room, sun porch and eight baths. Plans also provide for seven sleeping porches. Interior finish will be of pine and hardwoods and hardwood floors will be used throughout. A central heating system, probably steam, will be installed. There will be a number of open fire places with tile and marble mantels. A tile room is specified. All bath rooms will be finished in marble and tile. Exterior of the dwelling will be covered with terra cotta. Plans are being prepared.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, L. Shirar, Chronicle

Bldg., S. F. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout with some oak floors. There will be an open fire place with brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken for the materials. Owner will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, P. A. Nelson, 4333 19th St., S. F. The house has been designed for a six room dwelling with bath. Interior finish will be of pine throughout. Oak floors will be used in the living room, dining room and reception hall. There will be a large open fire place and brick mantel in the living room. An automatic water heater will be installed. Exterior of the house will be covered with brick veneer and cement plaster. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, I. W. Button, 5330 Telegraph Ave., Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. Bath room will have tile wainscot. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

OAKLAND, CAL.—Residences, 4, 2 story and base, frame, \$2,500 each. Architect, W. H. Judson, Albany Bldg., Oakland. Owners, Morse Hargrave Co. These houses will be erected on Seminary avenue, and each will contain six rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be open fire places and brick or tile mantels. Exterior of the houses will be covered with cement plaster and shingles. Tile will be used in the bath rooms and kitchens. Plans are complete and figures are being taken for the various parts of the work.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Harris Allen, 2514 Hillegass Ave., Berkeley. Owner, Alice Skyes. The house will be erected in the Northbrae Tract and will contain in the neighborhood of ten rooms, several baths and sleeping porch. Interior finish will be of pine and hardwoods with hardwood floors throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Plans also include a vacuum cleaning system. Exterior of the building will be covered with shingles. Plans are complete and figures are being taken.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owner, M. C. Bolts, 3116 Central Ave., Oakland. The dwelling will contain six rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the living room, dining room and recep-

tion hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, F. A. Muller, 663 61st St., Oakland. The dwelling has been designed for a six room house with bath and sleeping porch. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, W. H. Ratcliffe, First National Bank Bldg., Berkeley. Owner, T. M. Siernan. The house will be erected at the corner of Dwight Way and Piedmont avenue, and has been designed to contain twelve rooms, three baths and sleeping porch. A garage will be erected on the same lot. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of tile or brick. Tile will be used in the bathrooms and kitchens. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are complete and figures are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, J. B. Ogborn, Richmond. Owner, A. C. Kerley. The dwelling will contain seven rooms and bath. Interior will be finished in pine throughout with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are complete and figures will be called for shortly.

Contracts Awarded.

San Francisco—Residences, 3, 1½ story and base, frame, \$1,950 each. Architect, none. Owner, Tina Hinkel, 740 Castro St., S. F. Contractors, Hinkel Bros., 740 Castro St., S. F. Contract price, \$1,950 each.

UPLAND, SAN MATEO CO., CAL.—Residence, 2 story and base, reinforced concrete and steel. Cost not stated. Architects, Willis & Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Charles Templeton Crocker. Contractors, Farrell & Reed, S. F., excavating only. Contract price, \$34,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

RICHMOND, CONTRA COSTA CO., CAL.—Sewer work, main and outfall. Cost not stated. Engineer, City Engineer Chapman, Richmond. Owners,

City of Richmond. Plans have been completed for extensive main and outfall sewer work which is to be constructed in the territory recently annexed by the City of Richmond. Plans will receive the approval of the council at its next meeting and bids will be called for at once. Full particulars can be secured from City Engineer Chapman.

Contracts Awarded.

RICHMOND, CONTRA COSTA, CAL.—Street paving, \$55,000. Engineer, City Engineer Chapman, Richmond. Owners, City of Richmond. Contractor, G. W. Cushing, Richmond. Improve A, B and C streets, \$27,895.19. Improve Pennsylvania avenue, \$15,769.96. Improve 18th street, \$11,990.76.

SCHOOLS

OAKLAND, CAL.—School, 2 story and base. Class A construction, \$160,000. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for the construction of the Durant School have been approved by the Board of Education and bids will be called for at once. The building will be erected on West street, between 28th and 29th streets. There will be 18 class rooms, assembly hall and other usual rooms. Construction will be of the Class A type throughout. Exterior will be faced with pressed brick. Interior finish will be of metal and hardwoods. Plans provide for steam heat and a modern system of ventilation.

TAFT, KERN CO., CAL.—School, 2 story and base, brick, \$20,500. Architect's name not given. Owners, Taft School District. Contractors, Seymour & Carter, Taft, general construction only. Contract price, \$20,500.

HOQUIAM, WASH.—School, 3 story and base, brick and steel, \$80,359. Architects, Stephen & Stephen, New York Block, Seattle. Owners, Hoquiam High School District. Contractors, Ditlefsen & Gehring, Epler Bldg., Seattle. Contract price, \$80,359.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, O. L. Clark Bakersfield. Owners, City of Bakersfield. Mr. Clark has just been commissioned to prepare plans for the new grammar school which will be erected at the corner of 18th and A streets, and for extensive alterations and additions to the Emerson School. Working drawings have not been started and details cannot be given for a time. Further notice will appear in these columns when the work is ready for figures. Funds to the amount of \$40,000 was voted for construction.

Contracts Awarded.

OAKLAND, CAL.—School, 2 and 3 story and base, reinforced concrete, \$397,037. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Williams Bros. & Henderson, Holbrook Bldg., S. F. Contract price, \$397,037. A complete list of all figures submitted for this work appears under the heading of Oakland and Alameda County in this issue.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and lofts, 2 story and base, brick. Cost not stated. Architect, Maxwell G. Engle, Lick Bldg., S. F. Owners, T. C. Jordan

Estate. The building will be erected on Oregon street east of Davis, and will have a street frontage of 25 feet and a depth of 68 feet. There will be one store on the first floor and a large light loft on the upper floor. Interior will be finished in pine. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with red brick. Plans are complete and figures are being taken by the architect.

PORTLAND, ORE.—Offices, 2 story and base, brick and steel. Cost not stated. Architects, Whitehouse & Poulhous, Wilcox Bldg., Portland. Owners, Balfour-Guthrie Co. The building will be designed in the classic style and will be devoted entirely to the business of the owners. Interior will be handsomely finished after the style of banking houses. A large amount of marble, tile and ornamental iron and bronze will be used. Plans include fireproof vaults. Exterior of the building will be faced with granite. The structure covers an area of 80x80 feet. Plans are being prepared.

Completion Notices.

OAKLAND, CAL.—Offices, 10 story and base, Class A construction, \$150,000. Architects, Reed & Meyer, Oakland Bank of Savings, Oakland. Owner, Lucy Thompson. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price not given. Note: It is understood that this contract has been taken on a percentage basis and that the building complete will cost about \$150,000.

THEATRES.

FRESNO, FRESNO CO., CAL.—Theatre, 2 story and base, frame. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owner Emil Kehrein. The building will be erected on J street between Merced and Fresno streets, and will have a main auditorium seating 2,000 people. Preliminary plans only have been prepared.

SEALED PROPOSALS.

PROPOSALS FOR LOCK GATES.

LOCK GATES—U. S. Engineer Office, Portland, Ore.—Sealed proposals for constructing and erecting eleven pairs of metal lock gates for Dalles-Collio Canal will be received here until 11 a. m. May 24, 1913, and then publicly opened. Information on application. JAY J. MORROW, major, engineers.

PROPOSALS FOR CELLS.

CELLS—U. S. Marine Corps, Quartermaster's department, Washington, D. C.—Sealed proposals, in duplicate, will be received at this office until 11 a. m. May 15, 1913, and then be publicly opened for furnishing eight steel cells, one door and four window grilles at the marine barracks, navy yard, Mare Island, Cal. Proposal blanks and other information may be obtained at this office or from the post quartermaster, marine barracks, Mare Island, Cal. This office reserves the right to reject any or all bids or parts thereof and to waive irregularities therein. C. L. McAWLEY, lieutenant colonel, assistant quartermaster, in charge of department.

PROPOSALS FOR STERILIZING EQUIPMENT.

STERILIZING EQUIPMENT—Sealed proposals indorsed "Proposals for Sterilizing Equipment" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 a. m. April 26, 1913, and then and there publicly opened, for sterilizing equipments at the naval hospitals at Chelsea, Mass.; Portsmouth, N. H., and Newport, R. I. Estimated cost, \$3,000. Plans and specifications can be obtained on application to the bureau or to the commandant of any navy yard or naval station named. WM. M. SMITH, acting chief of bureau.

PROPOSALS FOR WIRE FENCE.

OFFICE Q. M., Fort Baker, Cal.—sealed proposals, in triplicate, will be received here until 11 a. m. May 12, 1913, and then opened, for furnishing labor and materials necessary for construction of five-strand woven wire fence on Fort Baker reservation, approximately 8,000 feet. Further information furnished on application to undersigned. R. W. PINGER, Second Lieut., C. A. C., Q. M.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 774—Proposals for Steel Dump Barges—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. May 19, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 774) may be obtained at this office of the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 773—Proposals—Annual Estimates for the Period Ending June 30, 1914—Manila Rope, Cotton Waste, Wool Waste, White Lead, Red Lead, Turpentine, Kerosene, and Gasoline.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. May 16, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 773) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 771—Proposals for Steel, Iron, Wire Cable, Nails, Nuts, Wrenches, Hack Saw Blades, Tool Handles, Solder, Hose, Packing, Rubber Belting, Asbestos, Gaskets, Manila Rope, Cotton Canvas, Soap, Candles, White Zinc, Red Lead, Chrome Green, Orange Gum, Shellac and Linseed Oil.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. May 2, 1913, at which time they will be opened in

public, for furnishing the above-mentioned articles. Blanks and general information relating to this circular (No. 771) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, general purchasing officer.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 772—Annual Estimate for the Period Ending June 30, 1914.—Lubricating Oils and Greases as follows: Valve Oil, Air Compressor Oil, Marine Engine Oil, Stationary Engine Oil, Locomotive Engine Oil, Turbine Engine Oil, Gas Engine Oil, Car Oil, Nonfluid Grease, Yellow Cup Grease, Black Gear Grease and Cable Grease.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until **10:30 a. m., May 13, 1913**, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 772) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. A., general purchasing officer.

PROPOSALS FOR CONSTRUCTING BUILDING.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., April 17, 1913.—Sealed proposals will be received at this office until **3 o'clock p. m. on the 28th day of May, 1913**, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduit and wiring, and lighting fixtures), of the United States post office and court house at Pocatello, Idaho. The building is three stories and basement, with a ground area of approximately 4,500 square feet; fireproof construction, stone and brick facing, tin roof. Drawings and specifications may be obtained from the custodian of site at Pocatello, Idaho, or at this office, at the discretion of the Supervising Architect. O. WENDE-ROTH, Supervising Architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the Board Room No. 415, Exposition Building, Pine and Battery Streets, San Francisco, California, at **10:30 A. M., Thursday, May 1, 1913**, for Constructing a **Hotel Building** between **Division and Broadway Streets** in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the

contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, by depositing \$50.00, which amount will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the Board Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at **11 A. M., Tuesday, May 13, 1913**, for the construction of **Plumbing, Sewer and Water Pipes of the Manufactures Building** in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the Board Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at **11 A. M., Tuesday, May 13, 1913**, for the construction of **the Manufactures Building** in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., April 22, 1913. SEALED PROPOSALS, in triplicate, for constructing a **Disinfecting and Sterilizing Building** at **Letterman General Hospital, Presidio of San Francisco, Cal.**, will be received here until **11 A. M., May 6, 1913**, and then opened. Plans, specifications, blank forms and necessary information obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals to be endorsed "Proposals for Disinfecting and Sterilizing Building, Letterman General Hospital," and addressed to CAPT. E. S. WALTON, O. M. Corps.

GOOD REASON FOR EDITORIAL JOY.

"Looks like the editor of this paper is having an unusual run of good luck," says a country newspaper. "The new income tax goes clear over our head; the new license tax on automobiles never touched us; the new state license tax on dogs finds us absolutely dogless; and finally, the inheritance tax has been repealed, so if any of our rich friends leave us a wad of money we'll get every bloomin' cent of it."

The United States Constitution provides that the Constitution of the Federal Government and the treaties made thereunder shall be the supreme law of the land. So as far as the State of California is concerned it can pass no law in conflict with the federal constitution or of the treaties made thereunder.

It seems to be natural that such communities as New York and Boston should criticize California as wanting to embroil this country in a war with Japan. Suffering none of the dangers and having none of the responsibilities it is natural that they should assume to dictate to us what we should do. And so the agitation in this state to preserve its lands and its resources to those who will come after, meets with little approval from our friends in the east who know little of the situation and what little they do know is gained in large degree from unreliable sources.

How far the newspaper reports of the situation in Japan is true is hard to determine. In all probability they report the situation correctly. But if the Japanese nation is allowed to demand that her citizens shall be allowed to come into this country while our citizens are not allowed to go into Japan, why it is about time we come to a show down and fought it out.

It would be a good thing if we could sell the Philippines to them and get rid of a white elephant. They are of no good to us and would be of great importance to Japan. Probably some good will come of the discussion. In any event California is the one to be effected either in war or peace and it is up to us to decide the question.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco, Architect, none. Owner, L. Shirar, Chronicle Bldg., S. F. The dwelling will be erected on 23rd avenue, and will contain six rooms, bath and sleeping porch. All interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

APARTMENT HOUSE—3 story and base, frame, \$12,500. San Francisco, Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Hermann Hogrefe, 1941 Hyde St., S. F. The building will cover an area of 22x70 feet, and has been arranged for seven apartments of two and three rooms each with bath. Interior will be finished in pine with some elm veneer. Hardwood floors will be used in the principal rooms. There will be a central heating system and all suites will be supplied with hot and cold running water. There will be wall beds. Exterior of the building will be covered with white cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE ALTERATIONS—Frame construction, \$2,000. Architect, Theo. Lenzen, Humboldt Bank Bldg., S. F. Owner, T. F. Kierman, 1745 Mission St., S. F. This work will include new interior finish, plumbing, plastering, electric work and tile. Interior finish will be of pine throughout. Exterior of the building, which is also to undergo considerable alteration, will be covered with shipping and rustic. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$4,000. San Francisco, Architect, none. Owner, J. Johnson, 488 9th Ave., S. F. The building will contain two modern flats of four and five rooms each with bath. Interior finish will be of pine throughout. Tile will be used in the bath rooms and kitchens. Hardwood floors are specified in the living rooms and dining rooms. There will be open fire places and tile or brick mantels. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

FLATS—2 story and base, frame, \$3,000. San Francisco, Architect, W. G. Hall, 16 Kearny St., S. F. Owner, J. Denning. The building has been designed for five small apartment flats with private baths. Each apartment will contain four rooms. Interior finish will be of pine with some hardwood panels. Hardwood floors will be used in the principal rooms. There will be a central heating system and open fire

places. Mantels will be of tile. Tile will also be used in the bath rooms. There will be wall beds. Exterior of the building will be covered with rustic and brick veneer. Plans are complete and segregated figures are being taken by the architect.

FLATS—2 story and base, frame, \$4,500. San Francisco, Architect, none. Owner, S. B. Hallett, 1359 12th Ave., S. F. The building will contain two flats of five and six rooms, and will be erected on 7th avenue north of Irving street. The interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. Both flats will have an open fire place in the living room with a brick mantel. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FLATS—2 story and base, frame, \$7,000. San Francisco, Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner, W. J. Wagner. The building will be erected on 2nd avenue, and will be arranged for two large flats and a private garage in the basement. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be open fire places and brick mantels. Bath rooms will have tile wainscot. Exterior of the building will be covered with cement plaster and brick veneer. Plans are complete and figures are being taken.

GARAGE—3 story and base, two mezzanine floors, reinforced concrete, \$80,000. San Francisco, Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owners, E. L. Goldstein & Co. The building will be erected at the corner of Van Ness and Oliver avenues and has been designed for a modern garage and automobile sales rooms. Interior of the front portion of the building will be finished in hardwoods, tile and marble. There will be sales rooms, repair shop and storage space. Construction will be fireproof. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. The structure will cover an area of 109x120 feet. Plans are complete and figures are being taken.

HOTEL—5 story and base, brick and steel, \$10,000. San Francisco, Architect, Henry Shermund, Mills Bldg., S. F. Owners, Mersing Estate. The building, which has been mentioned here before, will be erected at the corner of 5th and Polson streets and will contain stores on the first floor and a large number of hotel rooms on the upper floors. Plans provide for steam heat and elevator service. Interior finish will be of pine with some hardwood in the office and lobby. All rooms will be supplied with hot and cold running water. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL—7 story and base, reinforced concrete, \$70,000. San Francisco, Architect, M. Mattanovich, David Hewes Bldg., S. F. Owner's name withheld. This building will be erected on Taylor street between Golden Gate avenue and

Turk street. The first floor will be arranged for two stores besides the hotel office and lobby. Upper floors will contain a total of 125 rooms, a number of which will have private baths. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwood with some ornamental plaster. The exterior of the building will be faced with cement plaster. Plans are complete and figures will be taken at once.

HOTEL—7 story and base, concrete and steel, \$70,000. San Francisco, Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, Hansen and Johnson. The building will be erected on Turk street west of Larkin, and will cover an area of 52x137½ feet. The first floor will contain stores besides the hotel entrance and lobby. Upper six floors will be subdivided into 100 guest rooms and 68 baths. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot and cold water supply. Some wall beds will be used. Interior will be finished in pine and hardwood. Ornamental plaster will be used in the lobby. Exterior of the building will be faced with cement plaster in imitation of Caen stone. Plans are nearly complete.

HOTEL—4 or 5 story and base, brick and steel. Cost not stated. San Francisco, Architect, Hiram K. Lovell, 1517 Felton St., Berkeley. Owner, Mrs. Barker. Contractor, P. J. Walker Co., Monadnock Bldg., S. F. Contract price not stated.

RESIDENCE, \$2,500. San Francisco, Architect, none. Owner, L. Shirar, Chronicle Bldg., S. F. The dwelling will contain six rooms and bath. Interior finish will be of pine throughout with some oak floors. There will be an open fire place with brick mantel in the living room. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and figures are being taken for the materials. Owner will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco, Architect, none. Owner, P. A. Nelson, 4333 19th St., S. F. The house has been designed for a six-room dwelling with bath. Interior finish will be of pine throughout. Oak floors will be used in the living room, dining room and reception hall. There will be a large open fire place and brick mantel in the living room. An automatic water heater will be installed. Exterior of the house will be covered with brick veneer and cement plaster. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—5 story and base, brick and steel, \$50,000. San Francisco, Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, P. J. Gartland. This building has been mentioned here before when plans were first started. Working drawings are complete and figures will be called for at once. The structure will be erected on Geary street west of Larkin, and will contain 88 rooms and two stores. Suites will consist of two and three rooms each with wall beds and private baths. There will be steam heat, an automatic elevator, vacuum cleaning system and other modern improvements. Interior finish will be of pine and hardwoods. Tile and cement will be used in the bath rooms. Ex-

terior of the building will be faced with pressed brick. Plans are now out for figures.

APARTMENT HOUSE—4 story and base, brick and steel, \$40,000. San Francisco. Architect, John A. Eitler, Atlas Bldg., S. F. Owner, H. E. Bothin. The building will be erected at the northeast corner of Polk and Green streets. First floor will be arranged for stores. Upper floors will be divided into a number of two and three room apartments with wall beds and private baths. Interior finish will be of pine with hardwood veneer and floors. Bath rooms will have tile wainscot. There will be steam heat and elevator service. Exterior of the building will be faced with pressed brick and cement plaster. There will be a hot water supply system. Plans are complete and figures are being taken.

WAREHOUSE—3 story and base, reinforced concrete, \$30,000. San Francisco. Engineer, A. E. Hornlein, Pacific Bldg., S. F. Owners, Warehouse Investment Co. This building has been mentioned here under another architect's name. The structure will cover an area of 120x130 feet, and will be fireproof throughout with cement floors, metal window sash and frames and fireproof doors. No interior trim will be used. There will be elevators and an automatic sprinkler system. Exterior of the building will be faced with cement plaster. Excavating has been completed by Frank Holland and the owners are now putting in the retaining walls and foundation work by Day Labor. An order has been placed for the steel. All other parts of the work will be segregated.

STORES AND LOFTS—2 story and base, brick. Cost not stated. San Francisco. Architect, Maxwell G. Bugbee, Lick Bldg., S. F. Owners, J. C. Jordan Estate. The building will be erected on Oregon street east of Davis and will have a street frontage of 25 feet and a depth of 68 feet. There will be one store on the first floor and a large light loft on the upper floor. Interior will be finished in pine. There will be patent store fronts and metal window sash and frames. Exterior of the building will be faced with red brick. Plans are complete and figures are being taken by the architect.

FIRE HOUSES—3, 1 story and base, frame, \$31,143. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids opened for the construction of three fire houses show H. Chase low at \$31,143. He will probably be awarded the contract. A complete list of the figures appears under San Francisco in this issue. Bids have also been opened for the pile foundation for the Fine Arts Building and may be found under the same heading.

Contracts Awarded.

RESIDENCES—3, 1½ story and base, frame, \$1,950 each. San Francisco. Architect, none. Owner, Tina Hinkel, 740 Castro St., S. F. Contractors, Hinkel Bros., 740 Castro St., S. F. Contract price, \$1,950 each.

BUILDERS' BOND.

April 25, 1913—NE TENTH 64-6 SW Stevenson SE 65-6 NE 230 NW 130 to SE Stevenson — 100 SW 64-6 NW 130. F Thomas Parisian Dyeing & Cleaning Works with S Saari contractor. Sureties, S. Steinberg and David Strauss. Bond, \$1634

Pile Foundation For Fine Arts Building.

Exposition Company Award Contract For Pile Foundation to Contra Costa Construction Co.

Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Thursday, April 24th, for the pile foundation for the Fine Arts Building. Bids were submitted on a unit price per lineal foot. The following is a list of the figures.

Pile Foundation Fine Arts Building.
Mercer-Fraser Co., \$28½.
Contra Costa Constr. Co., \$24 8-10.
J. Monk, \$31.
Pacific Constr. Co., \$26 9-10.
Hyde-Hodges Co., \$31 9-10.
Central California Constr. Co., \$26.
Healy-Thibbitts Constr. Co., \$26 3-10.
The contract was awarded to the Contra Costa Construction Company.

Rapid Construction By Modern Methods.

American Can Company's New Building Completed in Record Breaking Time By Clinton Fireproofing Co.

The modern three-story and basement reinforced concrete factory building, which is nearing completion on the property of the American Can Co., furnishes an excellent example of the rapidity of construction made possible by present day methods.

The structure covers a large area on the block bounded by Harrison, 19th streets and Treat avenue, and was designed by Architect N. W. Looney of New York. The Turner flat slab, beamless and girderless system of concrete construction was used. When complete the structure will cost over \$100,000, and will be completed in less than three and a half months. A general contract was awarded on January 4th to the Clinton Fireproofing Co., and their work is now completed.

Concrete for the building was poured at the rate of 200 cubic yards per day. The forms alone required over one-half million feet of lumber and a half million pounds of reinforcing steel was used.

Francis Joseph Norton, the well known building superintendent and estimator, with William Hopper Jr., represented the American Can Co. F. D. Scott represented the Clinton Fireproofing Company.

Fire House Construction Attracts Many Bidders.

Fifteen Sets of Bids Opened By The Panama-Pacific Exposition Co. For Three Fire Houses.

Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Tuesday for the construction of three frame fire houses to be erect-

ed on the Exposition Grounds at Harbor View.

There were fifteen bidders who submitted offers to construct the buildings, either furnishing the lumber or without furnishing the lumber.

Following is a list of bidders on both propositions. First, the contractor to furnish the lumber, and second, the Exposition to furnish the lumber:

M. M. Finlayson (1) \$63,213; (2) \$46,761.
M. Sheehy Bros., (1) \$49,116; (2) \$41,196.
Connary-Peterson Co., Inc., (1) \$54,900; (2) \$39,900.
Newson, Wold & Kohn Co., (1) \$54,495; (2) \$44,154.
H. Chase, (1) \$37,573; (2) \$31,143.
Fred P. Fischer, (1) \$48,727; (2) \$38,571.
Chas. M. Lindsay, (1) \$62,871; (2) \$55,022.
L. L. Bergen & Son, (1) \$57,457; (2) \$49,200.
O. C. Holt, (1) \$55,540; (2) \$47,147.
J. Winderling, (1) \$51,250; (2) \$44,005.
J. Monk, (1) \$47,500; (2) \$40,000.
Howard S. Williams, (1) \$50,950; (2) \$39,473.

Peter N. Schmidt (1) \$56,500; (2) \$50,500.
Jas. Furlong, (1) \$54,700; (2) \$44,700.
Lange & Bergstrom, (1) \$52,886 (2) —

Constructing Quartermaster Awards Contracts.

Several Contracts Let For Oil Burning Equipment, Roads and Grading at Local Army Post.

The following contracts have recently been awarded by the Constructing Quartermaster, Captain Walton, officer in charge at Fort Mason. The work includes furnishing and installing oil burning equipment, pipe lines and oil tank at several army posts, grading of the parade ground at Fort Winfield Scott and constructing walks and roads at the Letterman General Hospital. Awards were made as follows:

Installation for oil burners at Presidio and Fort Winfield Scott to American Heat and Power Co., at \$20,100; installation of oil burners at Fort Baker to S. T. Johnson Co., at \$6,580; pipe line for oil at Fort Baker to Fringie, Dunn & Co., at \$1,235; concrete reservoir for oil at Fort Baker to Contra Costa Construction Co., at \$850; oil burners in commanding general's quarters at Fort Mason to American Heat and Power Co., at \$590; grading parade ground at Fort Winfield Scott to E. M. Hughie & Co., at \$6,086; construction of roads, walks and gutters at Letterman General Hospital to Francis Zoke at \$4,575.

City Bids Opened.

Three of the Eight Bids Submitted For Razing of Burnett Building Declared Void by Board.

Bids were opened at Wednesday's session of the Board of Public Works for razing the Burnett Building, located on Market street between Jones and Marshall Square. Eight bids were submitted for the work, three of which were void. In all three cases the check accompanying the bid was made out in the wrong manner, one check being

drawn to the order of the bidder and the other two to the Board of Public Works. Two bids were also received for the lubricating oil house for the Geary Street Municipal Railroad. A complete list of these figures follows:

Razing Burnett Building.

Sibley Grading & Teaming Co. (void).....	2700
Pendleton Co. (void).....	2700
J. M. Church-Walker Co.....	2700
H. M. Scurritt.....	6200
E. M. Hule & Co.....	3612
Symon Bros. (void).....	4200
Dolan Wrecking Co. (void).....	
William Bruce.....	1735
Lubricating Oil House Equipment.	
S. F. Bowser Co.....	\$1152
E. M. Deming Co.....	1006

1597 Hinkel.....Hinkel	1950
1598 Hinkel.....Hinkel	1950
1599 Trace.....Trace	1800
1600 Trace.....Trace	1800
1601 Friedman.....Robra	1250
1602 Celeniano.....Dioguardi	3800
1603 Hall.....Werner	2400
1604 Hunter.....Macusson	15075
1605 Hunter.....Segale	6300
1606 Central Rity.....Jensen	\$9300

(Correction in Owner's Name.)

(1459) W LISBON 200 N Persia. One and one-half-story and basement frame residence.	
Owner.....Atlas Home Makers, California-Pacific Bldg., S. F.	
Architect...National Architectural & Eng. Co., 68 Post, S. F.	
Day's work.....	COST, \$2000

(Correction in Owner's Name.)

(1460) W LISBON 125 N Persia. One and one-half-story and basement frame residence.	
Owner.....Atlas Home Makers, California-Pacific Bldg., S. F.	
Architect...National Architectural & Eng. Co., 68 Post, S. F.	
Day's work.....	COST, \$2000

(Correction in Owner's Name.)

(1461) W LISBON 150 W Persia. One and one-half-story and basement frame residence.	
Owner.....Atlas Home Makers, California-Pacific Bldg., S. F.	
Architect...National Architectural & Eng. Co., 68 Post, S. F.	
Day's work.....	COST, \$2000

(Correction in Owner's Name.)

(1458) W LISBON 175 N Persia. One and one-half-story and basement frame residence.	
Owner.....Atlas Home Makers, California-Pacific Bldg., S. F.	
Architect...National Architectural & Eng. Co., 68 Post, S. F.	
Day's work.....	COST, \$2000

(Correction in Owner's Name)

(1510) S PTN OF LAND BED NW by West Lake Ave, SE by East Lake Ave, NE by Lake Geneva and SW by Mt. Vernon Ave NW ptn Lots 4 and 5 Bk 8 West End Map 1. All work for two-story frame building 24x26 (rooms).	
Owner.....Lonie Toy.	
Architect...None.	
Contractor..Giardo Giacomo.	
Filed April 19, '13. Dated Mar. 21, '13. Completed and accepted.....\$125	
36 days after.....	125
TOTAL COST, \$250	

Bond, \$125. Sureties, Wm. Razo and J. P. Ghorso. Limit, forfeit, none. Plans and specifications none.	
(1512) N CLIFFORD 225 E Upper Terrace. Two-story and basement frame dwelling.	
Owner.....N. Mattson, 2368 15th, S. F.	
Architect...Oliver Evans, 4221 21st, San Francisco	
Day's work.....	COST, \$1600

(1513) NO. 262 GRAND VIEW AVE. Repair fire damage.	
Owner.....S. Orchard, 28 Romaine.	
Architect...None.	
Contractor..A. W. Smith.	
.....	COST, \$450
(1415) NO. 982 MARKET. Brect smokehouse.	
Owner.....Lesser Bros., Premises.	
Architect...None.	

Contractor..P. Welsh, 1230 Webster, San Francisco.

COST, \$450	
(1515) S TWENTY-SECOND 125 E Vermont. One-story and basement frame residence.	
Owner.....C. Casloff, 955 Kansas, San Francisco.	
Architect...M. J. Welsh, SE Mission and 22nd, San Francisco.	
Day's work.....	COST, \$1000

(1516) NO. 2386 LOMBARD. Move. add to and alter dwelling.	
Owner.....A. Tovani, Premises.	
Architect...None.	
Day's work.....	COST, \$500

(1517) NO. 126 CONNECTICUT. Add two rooms.	
Owner.....A. Sirpo, Premises.	
Architect...None.	
Day's work.....	COST, \$500

(1578) E LEAVENWORTH 123 N Lombard. Two-story and basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1900

(1519) N LOMBARD 41-6 E Leavenworth. Two-story & basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1800

(1520) N LOMBARD 62-6 E Leavenworth. Two-story and basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1800

(1521) N LOMBARD 95 E Leavenworth. Two-story & basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1800

(1522) N LOMBARD 116-7 E Leavenworth. Two-story & basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$2000

(1523) E LEAVENWORTH 99-6 N Lombard. Two-story & basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1900

(1524) E LEAVENWORTH 64 N Lombard. Two-story and basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1900

(1525) E LEAVENWORTH 39-6 N Lombard. Two-story and basement frame residence.	
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.	
Architect...None.	
Day's work.....	COST, \$1900

Building Contracts Awarded

San Francisco.

1512 Mattson.....Mattson	1600
1513 Orchard.....Smith	450
1514 Lesser.....Welsh	450
1515 Casloff.....Casloff	1000
1516 Tovani.....Tovani	500
1517 Sirpo.....Sirpo	500
1518 Knopf.....Knopf	1900
1519 Same.....Same	1800
1520 Same.....Same	1800
1521 Same.....Same	1800
1522 Same.....Same	1800
1523 Same.....Same	1900
1524 Same.....Same	1900
1525 Same.....Same	1900
1526 Same.....Same	1900
1527 Same.....Same	1900
1528 Same.....Same	1900
1529 Same.....Same	900
1530 Casella.....Amoroso	6500
1531 Morris.....Grabb	1025
1532 Bos.....Herring	2250
1533 Same.....Alton	1600
1534 Hines.....McClusland	4800
1535 Casella.....Herring	4925
1536 Mull Am.....Modern	1170
1537 Alaska Con.....Garden	2300
1538 Ford.....Condon	6385
1539 Casella.....Relfe	8750
1540 Trouillet.....Hedding	1800
1541 Kegan.....McColgan	3000
1542 Shirar.....Shirar	2500
1543 McKoy.....McKoy	1350
1544 Stone.....Stone	1400
1545 Heyman.....Heyman	1400
1546 Johnson.....Johnson	4500
1547 Grant.....Mahony	8000
1548 Dunning.....Hogarty	1500
1549 Tisne.....Schmidt	6500
1550 Lankershim.....Peterson	47400
1551 Hersch.....Brode	2000
1552 Same.....Kirsten	2000
1553 Giuliani.....Stear	10300
1554 Whelan.....McColgan	400
1555 Suseff.....Suseff	450
1556 Rudometkin.....Owner	500
1557 Pohm.....Weising	450
1558 Moffet.....Dewar	750
1559 Nermann.....McRec	400
1560 Catto.....De Benedetti	400
1561 Alnaud.....Bancroft	400
1562 Hihn.....Hillard	2660
1563 Coburn.....Coburn	900
1564 Bertrand.....Capurro	450
1565 Allen.....Allen	1600
1566 Roventini.....Roventini	1000
1567 Miller.....Miller	1500
1568 Show.....Show	9000
1569 Davey.....Whelan	1300
1570 McCurdy.....Burch	1800
1571 Fassio.....Prasso	9150
1572 Surface.....Tippett	30000
1573 P I E.....Amore	3200
1574 Peterson.....Coburn	9200
1575 Bos.....Gneplek	6200
1576 Pac G & E.....McLeran	10821
1577 Kowalsky.....Kurtz	1250
1578 Erickson.....Central Iron	1325
1579 Same.....Cal Monolithic	20500
1580 Schilling.....Biller	800
1581 Varni.....Cunco	400
1582 Pig'n Whistle.....Roebart	500
1583 Nelson.....Nelson	200
1584 Lundberg.....Lundberg	1450
1585 Gel.....Gel	1250
1586 United R R.....Owner	400
1587 Cath Archb.....Cawthra	9150
1588 Errico.....Daven and	7500
1589 Bruzua.....Bruzua	1000
1590 Parkside Bldg.....Owner	1000
1591 Montouille.....Montouille	1000
1592 Cuno.....Daven and	1000
1593 Urban Pty.....Owner	1000
1594 Urban Rty.....Owner	5000
1595 Erickson.....Erickson	1000
1596 Hinkel.....Hinkel	1500

(1526) E LEAVENWORTH 133-6 N Lombard. Two-story and basement frame residence.
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.
Architect...None.
Day's work. COST, \$1900

(1527) E LEAVENWORTH 89-6 N Lombard. Two-story and basement frame residence.
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.
Architect...None.
Day's work. COST, \$1900

(1528) E LEAVENWORTH 65-6 N Lombard. Two-story and basement frame residence.
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.
Architect...None.
Day's work. COST, \$1900

(1529) E LEAVENWORTH 41-6 N Lombard. Two-story and basement frame residence.
Owner.....G. T. Knopf, 124 Mesa Ave. Piedmont.
Architect...None.
Day's work. COST, \$1900

(1530) E KEARNY 56-9 S Green 32x 80. All work for three-story frame flats.
Owner.....Pasquale Casella & Frank C. Amoroso.
Architect...None.
Contractor...Frank C. Amoroso.

Filed April 21, '13. Dated April 11, '13.
Frame up\$1635
Brown coated 1625
Completed and accepted..... 1625
Usual 35 days..... 1625
TOTAL COST, \$6500

Bond, \$3250. Surety, Florinto Ceterrez and N. Capurro. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(1531) E MISSION 150 S West Ave 25 x32-6. All work for two-story frame flats.
Owner.....Edw. H. Morris, 3729 17th, San Francisco.
Architect...Plans by Contractor.
Contractor...Wm. H. Grahn, 3008 Harrison, San Francisco.

Filed April 21, '13. Dated April 10, '13.
2nd story joists on.....\$805
Frame up 805
Brown coated 805
Completed and accepted..... 805
Usual 35 days..... 805
TOTAL COST, \$4625

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1532) N GREEN 193-3 1/2 W Jones W 45xN 120. Mill work for two-story frame apartments building.

Owner.....The George A. Bos Co., Crocker Bldg., S. F.
Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor...Herrings Mill Inc., 559 Brannan, San Francisco.

Filed April 21, '13. Dated April 15, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2250

Bond, none. Limit, Aug. 1. Forfeit, none. Plans and specifications filed.

(1533) PLUMBING, DRAINAGE, HOT and cold water supply and setting or plumbing fixtures on above.

Contractor...Thos. W. Alton, Hearst Bldg., San Francisco.

Filed April 21, '13. Dated April 18, '13.

Payments same as above.....
TOTAL COST, \$1600

Bond, none. Limit, July 1. Forfeit, none. Plans and specifications filed.

(1535) NW MISSION 125 SW Francis SW 25xSW 100. All work except gas and electric fixtures for two-story frame store and flats.

Owner.....Francis P. and Mary C. Dunning, 448 Mission, S. F.
Architect...Plans by Contractor.
Contractor...Wm. F. Dreyer, 326 London San Francisco.

Filed April 21, '13. Dated April 19, '13.
Frame up\$ 925
Brown coated 925
Standing trim on..... 925
Completed and accepted..... 915
Usual 35 days..... 1235
TOTAL COST, \$1925

Bond, \$2465. Surety, American Surety Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1534) SE CLARA 200 E Sixth. All work for two-story and basement frame apartments.

Owner.....David and Ida A. Hiner.
Architect...John F. Haner, 3579 19th, San Francisco.

Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.

Filed April 21, '13. Dated April 16, '13.
Frame up\$1200
Rough plumbing completed and accepted 1200
Building completed & accepted 1200
Usual 35 days..... 1200
TOTAL COST, \$4800

Bond, \$2400. Sureties, E. A. Hoadley and F. A. McCausland. Limit, 75 days after April 17. Forfeit, \$5. Plans and specifications filed.

(1536) SW CLAY and FILLMORE E 60-8 1/2 W 118-9 N 70-8 1/2 E 118-9. Wiring and electrical work for one-story frame stores and nickelodeon.

Owner.....Mutual Amusement & Investment Co., 615 Broadway, San Francisco.

Architect...A. F. & O. M. Rousseau, Monadnock Bldg., S. F.

Contractor...Modern Elec. & Fixture Co., 86 Turk, S. F.

Filed April 21, '13. Dated April 19, '13.
On 1st and 15th of each month when all labor and material in 50% Completed and accepted, 25%.....\$277.50
Usual 35 days, 25%..... 277.50
TOTAL COST, \$1110.00

Bond, \$550. Surety, National Surety Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(1537) NE CALIFORNIA & SANSOME N 124 E 68-8 S 54 W 23-8 S 70 W 45.

All work for alterations and additions to structure on roof of bldg.

Owner.....The Alaska Building.

Architect...Ward & Blohme, Alaska Commercial Bldg., S. F.

Contractor...Frank M. Garden & Co., 251 Kearny, San Francisco.

Filed April 22, '13. Dated April 19, '13.
On 1st of each month..... 75%
36 days after..... 25%
TOTAL COST, \$2200

Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1538) SW TWENTY-FIRST & HARRISON. Plumbing and gas fitting for five-story and basement reinforced concrete Class "B" building.

Owner.....The Ford Motor Co., 100

Van Ness Ave., S. P.

Architect...Jno. Graham, 100 Van Ness Ave., San Francisco.

Contractor...Condon & Band, 318 Ellis, San Francisco.

Filed April 22, '13. Dated Feb. 25, '13.

On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6383

Bond, \$3192. Sureties, J. H. Wright & R. W. Kinney. Limit, as work progresses. Forfeit, none. Plans and specifications filed.

(1539) S CLAY 174-6 W Hyde W 50x S 137-6. All work except light fixtures for three-story and basement frame building (rooms.)

Owner.....D. Casassa.

Architect...J. C. Hladik, Monadnock Bldg., San Francisco.

Contractor...J. B. Reite and B. R. Halting, 402 Kearny, S. F.

Filed April 22, '13. Dated April —, '13.

Doors hung and inside ready for painter\$4375.
Completed and accepted..... 4375
TOTAL COST, \$3510

Bond, none. Limit, 45 days. Forfeit \$20. Specifications only filed.

(1540) NO. 2123 FILLMORE W side. bet California and Sacramento. All work for alterations and additions to frame building.

Owner.....Madame M. Trouillet, Prem

Architect...Banks & Copeland, 333 Kearny, San Francisco.

Contractor...George Healing, 110 Jessie San Francisco.

Filed April 22, '13. Dated April —, '13.

On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4600

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1541) E SANCHEZ 32-6 N Day. Two story frame flats.

Owner.....Jas Keenan, 1621 Sanchez, San Francisco.

Designer...E. J. McColgan, 1721 Alabama, San Francisco.

Day's work. COST, \$3000

(1542) W TWENTY-THIRD AVE 225 S Lake. Two-story and basement frame residence.

Owner.....L. Shirar, 1005 Chronicle St., San Francisco.

Architect...None.

Day's work. COST, \$2500

(1543) W TWENTY-SEVENTH AVE 225 S Judah. One-story and basement frame dwelling.

Owner.....Mary McKay, 841 Capp, San Francisco.

Architect...None.

Contractor...Mr. McKay, 841 Capp, S. F.

COST, \$1250

(1544) E TWENTY-FIFTH AVE 250 S Lincoln Way. Two-story and basement frame dwelling.

Owner.....Cecil Stone, 1248 25th Ave., San Francisco.

Architect...None.

Days work. COST, \$1800

(1545) E THIRTY-FIFTH AVE 250 S Geary. One and one-half-story and basement frame dwelling.

Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.

Architect...None.

Day's work. COST, \$1400

(1543) E TWENTIETH AVE 100 S Lake, two-story and basement frame (2) flats.

Owner.....J. Johnson, 489 9th Ave., San Francisco

Architect...None.
Day's work.....COST, \$4500

(1547) NE BUSH AND SANSOME. Alter corridor and divide lofts.

Owner.....Joseph D. Grant, Premises.
Architect...None.

Contractor...Mahony Bros., Crocker Bldg., San Francisco.

COST, \$8000

(1548) E TAYLOR 91-6 N Sutter. Three-story and basement brick (7) flats.

Owner.....Hermann Hogrefe, 1960 Hyde, San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work.....COST, \$12,500

(1549) NE CORTLAND AVE AND ANDOVER AVE E 48-14 N 81-2 W 48 S 78-64 Lots 208 and 209 and ptn 210 Gift Map No. 1. All work for two-story frame stores and flats.

Owner.....Emelie Tysne, 138 Newman, San Francisco.

Architect...P. A. Dufour, 2598 Sutter, San Francisco.

Contractor...Frank Schmidt, 87 Maple, San Francisco.

Filed April 23, '13. Dated April 21, '13.

Rough frame up.....\$1625

Brown coated.....1625

Completed and accepted.....1625

Usual 35 days.....1625

TOTAL COST, \$6500

Bond, \$3250. Sureties, Wm. Oszdorff & J. M. Lafargue. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1550) N FIFTH AND JESSIE NW 75x NE 175. Concrete work for seven-story and basement hotel building.

Owner.....Jas. B. Lankershim, Los Angeles by Macdonald & Kahn, Rialto Bldg., S. F.

Architect...Reid Bros., Cal-Pacific Bldg., San Francisco.

Contractor...H. L. Petersen, 62 Post, San Francisco.

Filed April 23, '13. Dated April 16, '13.

On 15th of each month.....75%

36 days after.....25%

TOTAL COST, \$47,400

Bond, \$23,700. Surety, The Aetna Accident & Liability Co. Limit, none. Forfeit, none. Plans and specifications filed.

(1551) NW POST AND TAYLOR W 60xN 30. Fire escapes and stairways, elevator enclosures for eight-story and basement Class "C" steel frame building.

Owner.....B. Hersch and B. Heskins, 1363 Fillmore, S. F.

Architect...Philipp Schwerdt, Phelan Bldg., San Francisco.

Contractor...Brode Iron Works, 31 Hawthorne, San Francisco.

Filed April 23, '13. Dated April 15, '13.

Fire escapes completed.....\$800

Completed.....4000

Usual 35 days.....500

TOTAL COST, \$2000

Bond, \$1000. Sureties, J. W. Miller and J. J. O'Connor. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

(1552) ELECTRICAL AND TELEPHONE work on above.

Contractor...W. H. Kirsten, 55 McAllister, San Francisco.

Filed April 23, '13. Dated April 15, '13.

Roughing in done.....\$600

Completed and accepted.....300

Usual 35 days.....350

TOTAL COST, \$1235

Bond, \$1000. Sureties, R. W. Phelps and F. G. Merriam. Limit, without delay. Forfeit, \$10. Plans and specifications filed.

(1553) NE CALIFORNIA AND 22ND AVE E 35xN 100 OL 92. All work except painting, shades and chandeliers for three-story and basement frame apartments.

Owner.....Giovanni Giuliani and Vincenzo Palisi, 2800 Howard, San Francisco.

Architect...Righetti & Headman, Phelan Bldg., S. F.

Contractor...Onofrio Frannell and Steur & Bury, 609 Olive Ave., San Francisco.

Filed April 23, '13. Dated April 23, '13.

Floor of 2nd story set.....\$2060

Enclosed and roof on.....2060

Brown coated.....2060

Completed and accepted.....2060

Usual 35 days.....2060

TOTAL COST, \$10,300

Bond, \$5150. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1554) E ALABAMA 30 S Montcalm. Remove partition and alter saloon.

Owner.....Whelan Bros., Premises.

Architect...None.

Contractor...E. J. McColgan, 1721 Alabama, San Francisco.

COST, \$400

(1555) NO. 952 DE HARO. Finish dwelling and add two rooms.

Owner.....Nick Suseoff, Premises.

Architect...None.

Day's work.....COST, \$450

(1556) NO. 2112 TWENTY-SECOND. Alter and repair dwelling.

Owner.....Mike Rudometkin, Prem.

Architect...None.

Day's work.....COST, \$500

(1557) NO. 777 HOWARD. Construct light court and alter saloon.

Owner.....F. Pohm, Premises.

Architect...None.

Contractor...John W. Welsing 825 Howard, San Francisco.

COST, \$450

(1558) SE COMMERCIAL & LEIDSDORFF. Concrete bulkhead.

Owner.....J. K. Moffet, 1st National Bank Bldg., S. F.

Architect...None.

Contractor...Robert Dewar & Son, 189 Jessie, San Francisco.

COST, \$750

(1559) SW BEACH AND HYDE. Add one room to dwelling.

Owner.....Wm. Nermann, Premises.

Architect...None.

Contractor...Wm. A. McRee, 3228 24th, San Francisco.

COST, \$400

(1560) NO. 3310 MISSION. Alter entrance.

Owner.....John Catto, 231 8th Ave., San Francisco.

Architect...None.

Contractor...De Benedetti, 20 Cotter, San Francisco.

COST, \$400

(1561) NE LOMBARD AND SCOTT. Enlarge store.

Owner.....J. Arnaud, 2398 Lombard, San Francisco.

Architect...None.

Contractor...Jerome Barneoul, 3354 Steiner, San Francisco.

COST, \$400

(1562) NE BUSH & KEARNY. Ornamental iron for seven-story Class "A" hotel.

Owner.....F. A. Hihn, Santa Cruz.

Architect...P. A. Antonovich, 333 Kearny, San Francisco.

Contractor...C. J. Hillard Co., 19th and Minnesota, San Francisco.

Not filed.

On 1st of each month.....75%

Usual 35 days.....25%

COST, \$2660

(1563) NO. 4030 TWENTY-FOURTH. New front and floor.

Owner.....Chas. Coburn, 1621 California, San Francisco.

Architect...None.

Day's work.....COST, \$900

(1564) NOS. 1509-09½ LARKIN. Repair flats.

Owner.....August Bertrand, 1503 Larkin, San Francisco.

Architect...Paul Capurro, 1844 Powell, San Francisco.

Day's work.....COST, \$450

(1565) SE DRAKE AND MUNICH. One-story and basement frame dwlg.

Owner.....Allen Bros., 104 Albion, S. F.

Architect...None.

Day's work.....COST, \$1600

(1566) W RAIL ROAD AVE 250 N Salina. One-story frame dwelling.

Owner.....A. Roventhal, NE 34th and Jennings, San Francisco.

Architect...None.

Day's work.....COST, \$1000

(1567) NO. 3553 MISSION. Two-story concrete store and residence.

Owner.....B. C. Miller, 1155 Silver Ave., San Francisco

Architect...None.

Day's work.....COST, \$1500

(1568) SW LARKIN AND GREEN. Three-story and basement frame flats

Owner.....M. S. Shaw, 1235 Pine, S. F.

Architect...A. F. & C. M. Rousseau, Monadnock Bldg., S. F.

COST, \$9000

Day's work.....

(1569) E BELVEDERE 25-8¼ N Carmel N 25-07½x E 100 WA 882. All work for moving, alterations and additions to cottage from 87 Carmel Street.

Owner.....Frank and Margt. Davey, 1024 Cole, San Francisco.

Architect...None.

Contractor...A. H. Wheeler, 712 Montgomery, San Francisco.

Filed April 24, '13. Dated April 23, '13.

Floor laid.....\$325

Brown coated.....450

Completed and accepted.....200

Usual 35 days.....325

TOTAL COST, \$1300

Bond, \$650. Sureties, P. Johnson and V. L. Meyer. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

NOTE:—First report April 19th. No. 1463.



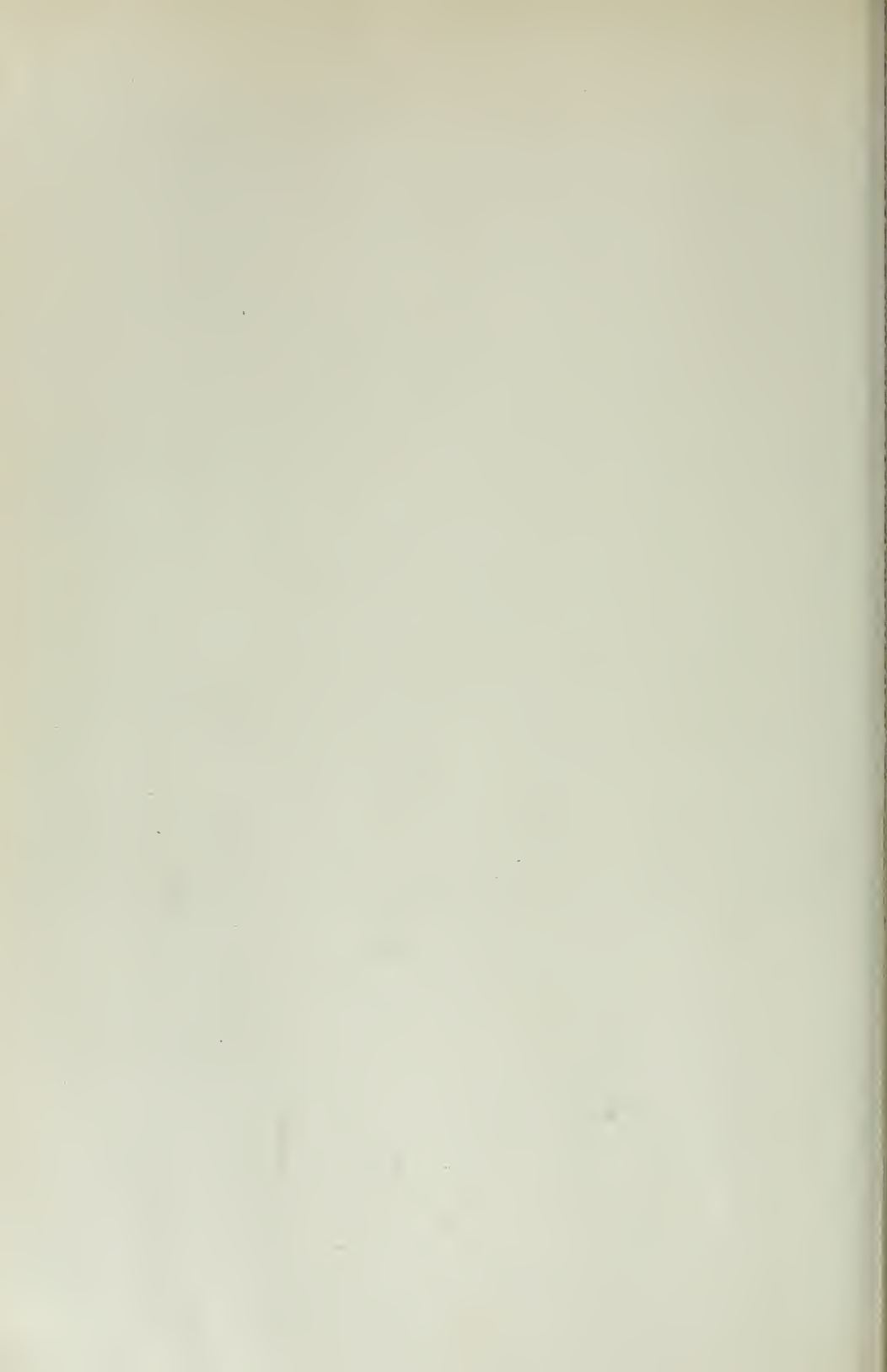
MODERN APARTMENT HOUSE FOR MR. WOODS.
San Francisco

C. S. McNally, Architect
San Francisco



NEW EDIFICE FOR THE MISSION DOLORES (Old Mission on the Left.)
San Francisco

Shea & Lofquist, Architects
San Francisco



(1570) SW FRIEMONT 230 SE Howard NW 80 SE 45 SE 80 NE 45. All work for one-story Class "C" stable.

Owner.....Mrs. S. A. McCurdy.

Architect...Chas. E. J. Rogers, 24 California, San Francisco.
Contractor...Burch & Hoffman Co., 480 Ellis, San Francisco.

Filed April 24, '13. Dated April 22, '13.
Foundation walls and piers up...\$ 500
Brick work completed.....1600
Completed and accepted.....1350
Usual 35 days.....1150

TOTAL COST, \$4600

Bond, none. Limit, 32 days after April 28. Forfeit, \$10. Plans and specifications filed.

(1571) S LOMBARD 110-6 W Baker W 27-6X 137-6. All work except gas and electric fixtures, window shades and finish hardware and fire escapes for three-story frame stores and rooms.

Owner.....G. Fassio, 868 Vallejo, S. F.

Architect...None
Contractor...P. Prasso, 370 Lombard, San Francisco.

Filed April 24, '13. Dated April 19, '13.
Frame up and roof on.....\$2287.50
Rough plaster on.....2287.50
Completed and accepted.....2287.50
Usual 35 days.....2287.50

TOTAL COST, \$9150.00

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

NOTE:—First report April 7th No. 1282.

(1572) SW POWELL AND BROADWAY 93-6 on Powell and 100 N Broadway. Concrete, wood, plumbing, painting, plastering, electric work, fixtures, etc., for three-story frame stores and flats.

Owner.....Jacob Surface.

Architect...Wm. Beasley, 127 Montgomery, San Francisco.
Contractor...J. C. Tippett and Charles Alsop.

Filed April 24, '13. Dated April 23, '13.
Frame up.....\$5625
Enclosed and roof on.....5625
Ready for plaster.....5625
Completed and accepted.....5625
Usual 35 days.....7500

TOTAL COST, \$30,000

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(1573) EXPOSITION SITE. Conduit system for Exhibit Building Section.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
Contractor...Amperre, Smith & Co., Merchants' National Bank Bldg., San Francisco.

Filed April 24, '13. Dated April 19, '13.
As work progresses.....75%
Usual 35 days.....25%

TOTAL COST, \$32,000

Bond, \$20,000. Surety, Maryland Casualty Co. Limit, 365 days. Forfeit, \$20. Plans and specifications filed.

(1574) NE NINETEENTH & HARTFORD N 95xE 30. All work for three-story frame apartments.

Owner.....Hazel E. Peterson.

Architect...Theo. S. Boehm, Hewes Bldg., San Francisco.
Contractor...Chas. E. Coburn, 1621 California, San Francisco.

Filed April 24, '13. Dated April 24, '13.
Frame up and roof on.....\$2307.50
Brown coated.....2307.50
Completed and accepted.....2307.50
Usual 35 days.....2307.50

TOTAL COST, \$9280.00

Bond, \$1615. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1575) N GREEN 193-3½ W Jones W 45 N 120 E 45 —. Rough and finish carpenter work, rough hardware and setting mill work and finish hardware for two-story and basement and sub-basement frame building.

Owner.....The George A. Bos Co., Crocker Bldg., S. F.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor...W. A. Goericke, Postal Telegraph Bldg., S. F.

Filed April 24, '13. Dated April 18, '13.
On 1st and 15th of each month 75%
Usual 35 days.....25%

TOTAL COST, \$6200

Bond, \$3100. Surety, Equitable Surety Co. Limit, Sept. 1. Forfeit, none. Plans and specifications filed.

(1576) W MEACHAM PLACE 74-6 S Post W 56xS 40. Excavation, concrete, fire proofing, brick, sheet metal ornamental iron, glazing, rough and finish wood work, plaster, plumbing, painting, etc., for one-story steel frame structure.

Owner.....Pacific Gas & Elec. Co., 425 Sutter, San Francisco.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
Contractor...McLeran & Peterson, Sharon Bldg., S. F.

Filed April 24, '13. Dated April 23, '13.
On 1st of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$10,864

Bond, \$5432. Surety, Southwestern Surety Ins. Co. Limit, 60 days after Completion of steel work. Forfeit, none. Plans and specifications filed.

X(1577) E MASON 85 N Eddy N 25xE 68-9. Plumbing, electric and heating work for eight-story and basement Class "A" hotel.

Owner.....Jos. N. Kowalsky.

Architect...Wm. Mooser, Nevada Bank Bldg., San Francisco
Contractor...O. Kurtz, 526 Pine, S. F.

Filed April 24, '13. Dated April 24, '13.
On 1st of each month.....75%
Usual 35 days.....25%

TOTAL COST, \$13,250

Bond, none. Limit, 150 days. Forfeit, \$50. Plans and specifications filed.

(1578) STRUCTURAL STEEL WORK on above

Contractor...Central Iron Works, 651 Florida, San Francisco.

Filed April 24, '13. Dated April 24, '13.
Payments same as above.....

TOTAL COST, \$15,325

Bond, none. Limit, 60 days. Forfeit, \$50. Plans and specifications filed.

(1579) EXCAVATION, CONCRETE, artificial stone, carpenter, mill, stairs hardware, glass, plaster, lath, sheet metal, gravel and composition roof, ornamental iron, side walk doors, lights, marble, mosaic and tile work on above.

Contractor...California Steel Monolithic Co., 126 Post, S. F.

Filed April 24, '13. Dated April 24, '13.
Payments same as above.....

TOTAL COST, \$20,500

Bond, none. Limit 150 days. Forfeit, \$50. Plans and specifications filed.

(1580) N VALLEJO 50 W Webster One-story and basement frame garage.

Owner.....C. Schilling, 2210 Vallejo, San Francisco.

Architect...John H. Powers, 460 Montgomery, San Francisco.

Contractor...John Biller, 460 Montgomery, San Francisco.
COST, \$800

(1581) N MISSION 238 W 29th. Repair front.

Owner.....T. Varnt, Premises.

Architect...None.
Contractor...A. Benedetti & G. Cuneo.
COST, \$100

(1582) NOS. 128-130 POST. Alter partitions.

Owner.....Pig'n Whistle, Premises.
Architect...Frank Holland, 100 Haight, San Francisco.

Contractor...Cordes & Rochart, Prem.
COST, \$500

(1583) W TENTH AVE 205 S Cabrillo. Two-story and basement frame dwlg.

Owner.....F. Nelson, 20 Presidio Terrace, San Francisco.

Architect...None.
Day's work.....COST, \$2500

(1584) W PUTNAM 175 N Jefferson. One-story and basement frame dwlg.

Owner.....Lindberg Bros., 257 Surrey, San Francisco.

Architect...None.
Day's work.....COST, \$1450

(1585) SE LISBON 200 NE Brazil. One-story and basement frame dwlg.

Owner.....Vincent Gel, 301 Brazil Ave., San Francisco.

Architect...A. B. Frank, 4601 Mission, San Francisco.
Day's work.....COST, \$1250

(1586) MARKET & VALENCIA. Alter present building into Class "C" bldg.

Owner.....United Rail Roads, Wells Fargo Bldg., S. F.

Architect...C. B. Farlon, Wells Fargo Bldg., San Francisco.
Day's work.....COST, \$400

(1587) NE COLUMBUS AVE AND Vallejo E 77-8½XN 137-6. Exterior cement work on S Facade and all sides of E and W Towers of Saint Francis' Church.

Owner.....Roman Catholic Archbishop of San Francisco.

Architect...Chas. J. I. Devlin, Pacific Bldg., San Francisco.

Contractor...Chas. Campbell.
Filed April 25, '13. Dated April 11, '13.
On 1st and 15th of each month 75%
Usual 35 days, 25%.....\$621.50

TOTAL COST, \$2486.00

Bond, \$1250. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 days after notified. Forfeit \$25. Plans and specifications filed.

(1588) S GREEN 47 E Kearny. All work for three-story and basement frame flats.

Owner.....Francesco Errico & Co., 331 Green, San Francisco.

Architect...None.
Contractor...Devenenzil Bros. & Co., 1069 Union, San Francisco.

Filed April 25, '13. Dated Mar. 25, '13.
Roof on.....\$1875
Brown coated.....1875
Completed and accepted.....1875
Usual 35 days.....1875

TOTAL COST, \$7500

Bond, \$3750. Sureties, D. Devenenzil and L. Pirano. Limit, July 25. Forfeit, none. Plans and specifications filed.

NOTE:—First report March 27th No. 1124.

(1589) W PERSIA 25 S London. One-story and basement frame dwelling.
Owner.....Paul Bruzua, 831 Brazil Ave., San Francisco.
Architect...None.
Day's work.....COST, \$1000

(1590) E TWENTY-FIRST AVE 66-8 Ulloa. Two-story and basement frame residence.
Owner.....Parkside Home Bldg. Co., 409 Crocker Bldg., S. F.
Architect...Joseph M. Geary, 23rd & Folsom, San Francisco.
Day's work.....COST, \$5000

(1591) W MOULTRIE 150 S Eugenia. One-story and basement frame dwlg.
Owner.....P. W. Montrouil, 255 Moultrie, San Francisco.
Architect...None.
Day's work.....COST, \$1200

(1592) NO. 518 VALLEJO. Repair flats.
Owner....Chas. Cunco, Premises.
Architect...J. Devenenzi, 1069 Union, San Francisco
Contractor..Devenenzi Bros & Co., 1069 Union, San Francisco.
COST, \$400

(1593) E DE SOTO 192 N Holloway. Two-story and basement frame residence.
Owner.....Urban Realty Imp Co., 903 Phelan Bldg., S. F.
Architect...None.
Days work.....COST, \$4000

(1594) E DE SOTO 154 S Urbano Drive. Two-story and basement frame dwelling.
Owner.....Urban Realty Imp Co., 903 Phelan Bldg., S. F.
Architect...None.
Day's work.....COST, \$5000

(1595) S MANGELS 100 W Forester. One-story and basement frame dwlg.
Owner.....E. A. Erickson, 660 Waller, San Francisco.
Architect...None.
Day's work.....COST, \$1400

(1596) E ELIZABETH 47-6 W Castro. One and one-half-story and basement frame residence.
Owner.....Tina Hinkel, 740 Castro, San Francisco.
Architect...None.
Contractor..Hinkel Bros., 740 Castro, San Francisco.
COST, \$1950

(1597) E ELIZABETH 70 W Castro. One and one-half-story and basement frame residence.
Owner.....Tina Hinkel, 740 Castro, San Francisco.
Architect...None.
Contractor..Hinkel Bros., 740 Castro, San Francisco.
COST, \$1950

(1598) E ELIZABETH 25 W Castro. One and one-half-story and basement frame residence.
Owner.....Tina Hinkel, 740 Castro, San Francisco.
Architect...None.
Contractor..Hinkel Bros., 740 Castro, San Francisco.
COST, \$1950

(1599) N SANTA YNEZ 75 E Delano. One-story and basement frame dwlg.
Owner.....V. M. Trace, 1190 Haight, San Francisco.

Architect...None.
Day's work.....COST, \$1800

(1600) N SANTA YNEZ 50 E Delano. One-story and basement frame dwlg.
Owner.....V. M. Trace, 1190 Haight, San Francisco.

Architect...None.
Day's work.....COST, \$1800

(1601) W KEARNY 134-11 N Washington N 50 W 50-5 N 2 in W 57-6 S 50-2 th r a 107-11 to beg 50 V 31 and 32. Plumbing and gas fitting for three-story Class "C" building.

Owner.....Louis Friedman & Samuel Gerson, 126 Bush, S. F.
Architect...Joseph Cahen, 45 Kearny, San Francisco.

Contractor..J. L. Hobro, 2643 Clay, San Francisco.

Filed April 26, '13. Dated April 25, '13.
Completed and accepted.....\$950
Usual 35 days.....550
TOTAL COST, \$1250

Bond, \$625. Sureties, Wesley McKenzie and Henry Howege. Limit, as directed. Forfeit, none. Plans and specifications filed.

(1602) E GRANT AVE 112-6 S Greenwich S 25x E 62. All work except shades, gas and electric fixtures for three-story frame flats.

Owner.....Giovanni Celestano.
Architect...Chas. Paff & Co., Merchants' Exchange Bldg., San Francisco.

Contractor..L. Dioguardi & A. Sasso.
Filed April 26, '13. Dated April 22, '13.
Enclosed and roof boards on....\$950
Brown coated950
Completed and accepted.....950
Usual 35 days.....950
TOTAL COST, \$3800

Bond, \$1900. Sureties, N. Capurro and John Biller. Limit, 75 days from obtaining permit. Forfeit, \$3. Plans and specifications filed.

(1603) S EIGHTEENTH 23 W Clover Ave. Concrete, lumber, mill, plumbing, painting, plastering, patent chimneys, tinning, hardware, wiring, gas and electric fixtures, mantels and shades for two-story and basement frame residence.

Owner.....Geo. and Annie Hall, 4605 18th, San Francisco.

Architect...None.
Contractor..C. Wernner & Co., 66 1/2 Caselli Ave., San Francisco.

Filed April 26, '13. Dated April —, '13.
Frame up, roof rafters in place.....\$600
Enclosed, brown coated & rough plumbing in600
Completed600
Usual 35 days.....600
TOTAL COST, \$2400

Bond, limit, forfeit, none. Plans and specifications filed.

(1604) N WASHINGTON 142 W Taylor 93x62-6. All work except grading, concrete, painting, glass, electric fixtures and heating for three-story and basement frame addition to present building.

Owner.....Frank L. and Lewis C. Hunter, 330 California, San Francisco.

Architect...Henry C. Smith, Humboldt Bank Bldg., S. F.

Contractor..Marcus Marcussen.
Filed April 26, '13. Dated April 24, '13.

Frame up\$3765
Brown coated3765
Completed and accepted.....3770
Usual 35 days.....3775

TOTAL COST, \$15,075

Bond, \$7550. Surety, Fred Linderman and Michall Thompson. Limit, Aug. 15. Forfeit, \$10. Plans and specifications filed.

(1605) E MASON 111 N Union N 26-6 xh. 97-6. All work except gas and electric light fixtures, shades and mantels for three-story and basement frame building.

Owner.....Bartolomeo Lercari, 2123 Powell, San Francisco.

Architect...None.
Contractor..F. De Martini & G. Segale, 274 Ninth, San Francisco.

Filed April 26, '13. Dated April 16, '13.
Frame up & roof sheathing on.....\$1500
Brown coated1500
Completed and accepted.....1500
Usual 35 days.....1500
TOTAL COST, \$6000

Bond, \$3500. Sureties, Paolo Bacigalupi and A. Vatune. Limit, 90 days after April 21. Forfeit, \$5. Plans and specifications, none.

NOTE:—Paul De Martini, 451 Columbus Ave., is the architect. First report April 21st, No. 1502.

(1606) N MISSION AND NEW MONTGOMERY NW 160-1 1/4 NE 138 SE 160 SW 143-10 1/2. All work except structural steel and elevators for three two-story and basement Class "A" buildings (stores and offices).

Owner.....The Central Realty Co., 160 Sutter, San Francisco.

Architect...Sylvain Schnaitacher, 1st National Bank Bldg., S. F.

Contractor..G. P. W. Jensen, 320 Market, San Francisco.

Filed April 26, '13 Dated April 23, '13.
On 1st of each month.....75%

Usual 35 days, 25%.....\$21,575
TOTAL COST, \$86,300

Bond, \$43,150. Sureties, O. F. Sites and Samuel Gerson. Limit, 120 days after steel frame ready. Forfeit, \$50. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

April 21, 1913—NINTH AVE NOS. 203, 205, 207. William H Forbes to whom it may concern.....April 15, 1913

April 21, 1913—E SHOTWELL 163 S 17th E 122-6 S 50 W 122-6 — 50.

J. Allec & Collman & Collman, April 17, H L Peterson.....April 19, 1913

April 21, 1913—E MISSOURI 175 S 18th S 25x E 100. Ferdinand Elvin to whom it may concern.....April 18, 1913

April 21, 1913—NW ATHENS 250 NE Italy Ave NE 37-6xNW 100 Ptn

Lots 6 and 7 Blk 61 Excl Hld; also known as Lot 35 and SW 1/2 Lot 36

Levy Tract. Louis Levy to J M Anderson.....April 20, 1913

April 21, 1913—S BRYANT AND ZOE NE 160 NE 125 NW 160. Shreve & Co to Waterhouse & Price Co.....

.....April 12, 1913

April 22, 1913—W LAGUNA 90 N Filbert; No. 3009 Laguna. Rosa Curlo to G Pollati and Plade Carmago-vani.....April 14, 1913

April 22, 1913—NW HARRISON 62-6 NE Fifth NE 50xNW 80. James L Egan to Richard Keller and Myrl Crane.....April 4, 1913

April 23, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Inv Co to Foster Vort Co.... April 22, 1913
 April 23, 1913—NW SEVENTH AVE and Lake N 75xW 30. Rousseau Realty Co to Edw F Helms..... April 23, 1913
 April 23, 1913—E ELEVANTH AVE 100 S California. Alex Coleman to William Van Herick.... April 14, 1913
 April 23, 1913—S JACKSON 110 W 125 S 127-8 1/4xN 127-8 1/4. Argo Investment Co to Wm F Wilson Co..... April 23, 1913
 April 23, 1913—E LEAVENWORTH 25 N 12-6 W 87-6. Rousseau Realty 25 N 42-6 W 87-6. Rousseau Realty Co to whom it may concern..... April 23, 1913
 April 23, 1913—SE CALIFORNIA AND Leidesdorff fronting N on California and at rear 107-6 extending on E and W sides 137-6. The Insurance Exchange, Inc to California Constr Co..... April 15, 1913
 April 23, 1913—S JACKSON 110 W Gough W 125 S 127-8 1/4xN 127-8 1/4. Argo Investment Co to Central Electric Plumbing & Heating Co..... April 23, 1913
 April 24, 1913—N BERNAL AVE 550 E Coso Ave 23-6x100. Robert E Seegar to Whom it may concern..... April 23, 1913
 April 24, 1913—E THIRTEENTH AVE 175 N (K) or Kirkham N 50xSE 120. John Bjorkman and Oscar Swanson to whom it may concern.... April 22, '13
 April 24, 1913—N VALLEJO 125 E Leavenworth 25x137-6. Timothy and Kate Wallace to A or Arthur Stevens..... April 18, 1913
 April 25, 1913—LOT 3 BLK "D" Mission Terrace. Morris and Bertha Koenigsthal to R Hanson..... Completed
 April 25, 1913—SE MARKET 100-0 1/4 NE 7th NE 50-0 1/4 SE 165 SW 50-0 1/4 NW 165. J D Phelan to Stanselup & Forbes..... April 17, 1913
 April 25, 1913—W OTSEGO AVE 25 S Santa Ysabel Ave S 25xW 125. A A Wesendunk to whom it may concern..... April 23, 1913
 April 25, 1913—W GATES 75 S Thompson 25x70. Thore Knudsen to whom it may concern April 24, 1913
 April 25, 1913—N WEST CLAY 143 W 22nd Ave W 37 N 3 deg 23 min W 122 S 82 deg 4 min 24 sec E 37.73 S 3 deg 23 min E 114 m or 1 ptn Lot 42 West Clay Park. S A Born Bldg Co to whom it may concern..... April 23, 1913
 April 25, 1913—N EUCLID AV (Richmond Ave) 95 W Jordan Ave W 50x N 100. Chas P Cullen to Joel Johnson, April 19, 1913. A Gradin.... April 18, 1913
 April 25, 1913—NE CALIFORNIA AND Leidesdorff E 30 N 124 W 30 S to beg. The Liverpool & London & Globe Ins Co (Limited) to Colsua Sandstone Co..... April 23, 1913
 April 25, 1913—W MONTGOMERY 69 S Green 33-9x80. G Ferrari and P Costello to Devenenzi Bros & Co..... April 20, 1913
 April 25, 1913—S MARKET 250 W 6th. Nathan and William Lester to Lindgren Co..... April 24, 1913
 April 25, 1913—N BROADWAY 68-9 W Webster W 148-9xN 275. Mrs Jas L Flood to Putnam & Gorsuch..... April 18, 1913
 April 25, 1913—N 10 FEET LOT 10 & S 20 feet Lot 9 30x125 Blk "B". Mission Terrace. Eva Adell Wayne to N F Nilsson..... Completed
 April 25, 1913—N 15 FEET LOT 11 &

S 15 feet Lot 10 30x125 Blk "B". Mission Terrace. Francis C or Frances C Fuller to N F Nilsson.... April 25, 1913

LIENS FILED.

San Francisco.

April 11, 1913—SE MARKET 150-1 1/4 NE 7th SE 165-1xNE 75. Cunningham & Politeo, \$1531.25; Frank Klimm, \$2328.50 vs Boston and S F Amusement Co..... \$3120.80
 April 12, 1913—NW POST & AGATE Ave N 60xW 40. Donald Mowat vs Lindgren Co and Rosie Resenberg and A Rosenberg..... \$169.44
 April 15, 1913—E TWELFTH AVE 175 N Noriega N 25xSE 120. R S K Macmillen vs D B Bruce..... \$182.81
 April 17, 1913—N ST. MARY'S AVE dist — W Mission W 25xN 100; No. 30 St. Mary's Ave. H S Thomson vs J J O'Connell..... \$182.81
 April 17, 1913—S BUSH 45 E Powell E 23-6xS 67-6. W P Fuller & Co vs G C F Schwarz and A Dahlberg.... \$142

NOTE:—The above lien was released immediately after being filed.

April 17, 1913—NW POST & AGATE Alley N 60xW 40. A G Mitchell vs Rosie Resenberg and Donald Mowat..... \$508.56

April 18, 1913—BLK EDED BY BALboa, 47th Ave, Sutro Heights Ave and 46th Ave. Commercial Bldg Co vs Golden Gate Orchist Farm (Leasehold interest) and Albert Myers..... \$1134.50

April 18, 1913—E PETERS AVE 73 SW Fair Ave SW 100xSE 73-6. Hauptman Lumber Co vs Jos Stromswold..... \$598.22

April 19, 1913—SW SEVENTH 175 SE Folsom SE 25xSW 80. A C Morris vs Patrick Prunty..... \$48

April 25, 1913—E HYDE 49-9 S Bay S 23xSE 60. J H Kruse to L L Solomons and Kenney & Rounds.....

OAKLAND AND ALAMEDA COUNTY.

RESIDENCE — 2 story and base, frame, \$3,800. Berkeley, Alameda Co., Cal. Architect, none. Owner, Marshall Diggs, 2444 Bowditch St., Berkeley. The dwelling has been designed for an eight-room house with all modern conveniences. There will be furnace heat and open fire places. Interior will be finished in pine with hardwood floors in the principal rooms. Mantels will be of brick. Tile will be used in the bath room and kitchen. Besides the eight rooms there will also be a sleeping porch. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and work will be done by the Day.

RESIDENCES—2, 2 story and base, frame, \$3,500 each. Berkeley, Alameda Co., Cal. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Ochltree. These houses will be erected at the corner of Bonita and Vine streets, and each will contain seven rooms and bath. Interiors will be finished in pine with some hardwood veneer. There will be hardwood floors in the dining rooms, living rooms and reception halls. Furnace heat and open fire places will be installed. Mantels will be of brick and tile. An

automatic water heater is specified in one of the houses. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, E. L. Brock. The house has been designed for an eight-room dwelling with two baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used throughout. There will be furnace heat and open fire places. Mantels will be of tile. Tile will be used in the bath rooms and kitchens. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE — 2 story and base, frame, \$3,000. Piedmont, Alameda Co., Cal. Architect, none. Owner, United Home Builders, 1762 Broadway, Oakland. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine with hardwood floors in the principal rooms. There will be a hot air furnace and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are complete and in the hands of the owners who are now purchasing all materials. Work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$6,000. Oakland, Cal. Architect, A. W. Smith, 1010 Broadway, Oakland. Owner, C. E. Quigley. The dwelling will be erected at the corner of College and Rand avenues, and will contain eight rooms, sleeping porch and bath. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room reception hall and den. There will be furnace heat and open fire places. A large brick mantel will be one of the features of the house. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$20,000. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, Mrs. E. J. Culver Bell. This dwelling was mentioned in last week's issue, at which time plans were nearly complete. Working drawings have been completed and bids are now being taken for the work. The house will be erected in the Claremont Tract, and will contain 12 or 14 rooms, baths and sleeping porch. Interior will be finished in pine and hardwoods. There will be a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed. A garage will be erected on the rear of the lot. Exterior of the house will be covered with cement plaster on metal lath.

RESIDENCE — 2 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owners, Jones and McGovern, 2218 Los Angeles Ave., Berkeley. The house will contain seven rooms and bath. All interior finish will be of pine. Hardwood floors will be used

BUILDING AND INDUSTRIAL NEWS

in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Owners are now purchasing all materials.

RESIDENCE — 2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Mrs. A. G. Sanderson. The house will contain eight rooms, bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be wainscoted with tile. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. The work will be carried out by Sullivan Bros., 6456 Harmon Court, Oakland.

RESIDENCE — 2 story and base, frame, \$25,000. Piedmont, Alameda Co., Cal. Architect, Louis M. Upton, Mutual Savings Bank Bldg., S. F. Owner, George D. Greenwood. The house will contain ten or twelve rooms, several baths, sleeping porch and laundry. Interior will be finished in pine and hardwood. Hardwood floors will be used in all principal rooms. There will be furnace heat, open fire places, an automatic water heater and vacuum cleaning system. Mantels will be of marble and tile. A garage will be erected on the rear of the lot. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

APARTMENT HOUSE — 3 story and base, frame, \$10,000. Oakland, Cal. Architect, none. Owner, Edward Olsen, 29 Westall Ave., Oakland. The building will be erected at the southeast corner of 16th and Adeline streets and has been designed to contain 18 apartments of two, three and four rooms each. Interior finish will be of pine throughout. Some hardwood floors will be used. Each apartment will have a water heater, private bath and wall beds. Tile will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

AUDITORIUM — 3 story, Class A construction, \$500,000. Oakland, Cal. Architects, J. J. Donovan, Security Bank Bldg., Oakland, associated with Palmer & Hornbostel, New York. An unusual condition developed at the opening of bids for the structural steel for the Oakland Auditorium when they were opened at Thursday's meeting of the Board of Supervisors. All bids received previously were in excess of the amount available and plans have been revised. Bids received yesterday on both the entire work and on unit prices were \$26,000 higher than the first bids. One member of the Board of Supervisors made a motion that all bids be rejected, but failed to get a second. Figures have been referred to the City Attorney and Commissioner of Public Works. Only two bids were received, one from the Pacific Rolling

Mills for \$293,959, and one from the Judson Iron Works for \$222,082. The unit prices were as follows: Straight beams with or without connections, Judson Iron Works, .05; Pacific Rolling Mills, .041; Plate girders, Judson Iron Works, .057; Pacific Rolling Mills, .047; trusses or built-up lumber, Judson Iron Works, .055; Pacific Rolling Mills, .055; rods, Judson Iron Works, .08; Pacific Rolling Mills, .073; bent work, Judson Iron Works, .084; Pacific Rolling Mills, .078.

RESIDENCE — 2 story and base, frame, \$5,000. Oakland, Cal. Architect, none. Owner, I. W. Button, 5330 Telegraph Ave., Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. Bath room will have tile wainscot. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

RESIDENCES — 4, 2 story and base, frame, \$2,500 each. Oakland, Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owners, Morse Hargrave Co. These houses will be erected on Seminary avenue and each will contain six rooms and bath. Interior finish will be of pine and redwood with hardwood floors in the principal rooms. There will be open fire places and brick or tile mantels. Exterior of the house will be covered with cement plaster and shingles. Tile will be used in the bath rooms and kitchens. Plans are complete and figures are being taken for the various parts of the work.

APARTMENT HOUSE — 3 story and base, frame, \$10,000. Oakland, Cal. Architect, none. Owner, Edward Olsen, 29 Westall Ave., Oakland. The building will occupy a corner site and has been designed to contain 18 rooms which will be arranged in two-room suites with baths. Interior finish will be of pine throughout. There will be wall beds, private baths and some hardwood floors. Plans provide for a central heating system and hot water supply. Bath rooms will be finished in tile. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the owner will do the work by Day Labor. He is now in the market for all materials.

APARTMENT HOUSE — 3 story and base, frame. Cost not stated. Oakland, Cal. Architect, C. W. McCall, Central Bank Bldg., Oakland. Owner, J. Spellman. This building has been mentioned here before when plans were first started. The building will be erected at the corner of 25th and Telegraph avenue and has been designed to contain a number of two and three room suites. Interior finish will be of pine and hardwood veneer. Hardwood floors will be used in the principal rooms. A central heating system and hot water supply will be installed. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic. Plans are complete and the architect is now taking figures on the work.

RESIDENCE — 2 story and base, frame, \$12,000. Berkeley, Alameda Co., Cal. Architect, Harris Allen, 2514

Hillegass Ave., Berkeley. Owner, Alice Skyes. The house will be erected in the Northbrae Tract, and will contain in the neighborhood of ten rooms, several baths and sleeping porch. Interior finish will be of pine and hardwoods with hardwood floors throughout. There will be furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. Plans also include a vacuum cleaning system. Exterior of the building will be covered with shingles. Plans are complete and figures are being taken.

BUNGALOW — 1 story and base, frame, \$3,000. Oakland, Cal. Architect, none. Owner, M. C. Bolts, 3116 Central Ave., Oakland. The dwelling will contain six rooms, bath and sleeping porch. Interior finish will be of pine and hardwood with oak floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, F. A. Muller, 663 61st St., Oakland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE — 2 story and base, frame, \$15,000. Berkeley, Alameda Co., Cal. Architect, W. H. Ratcliffe, First National Bank Bldg., Berkeley. Owner, T. M. Sherman. The house will be erected at the corner of Dwight Way and Piedmont avenue, and has been designed to contain twelve rooms, three baths and sleeping porch. A garage will be erected on the same lot. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of tile or brick. Tile will be used in the bath rooms and kitchens. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. A red clay tile roof will be used. Plans are complete and figures are being taken.

TRESTLE CONSTRUCTION — Cost not stated. Oakland, Cal. Engineers, Engineering Department San Francisco, Oakland and San Jose R. R. Co., Oakland. Owners, San Francisco, Oakland and San Jose Railroad. Plans have been completed for extensive work which is to be carried out in the development of the company's system. Bids will be opened on May 15th. The following work is included: 15,000 linear feet temporary railway trestle, 14,700 linear feet sheetpile bulkhead, 165,000 cubic yards rock excavating, 20,000 cubic yards earth excavating, 1,250,000 cubic yards hydraulic dredg-

ing. Alternative plan: 10,000 cubic yards preparatory dredging, 15,600 linear feet of seawall containing about 365,000 cubic yards of rock and 1,250,000 cubic yards hydraulic dredging.

SCHOOL—2 story and base. Class A construction, \$160,000. Oakland, Cal. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for the construction of the Durant School have been approved by the Board of Education and bids will be called for at once. The building will be erected on West street, between 28th and 29th streets. There will be 18 class rooms, assembly hall and other usual rooms. Construction will be of the Class A type throughout. Exterior will be faced with pressed brick. Interior finish will be of metal and hardwoods. Plans provide for steam heat and a modern system of ventilation.

Contracts Awarded.

SCHOOL—2 and 3 story and base, reinforced concrete, \$397,037. Oakland, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Williams Bros. & Henderson, Holbrook Bldg., S. F. Contract price, \$397,037. A complete list of all figures submitted for this work appears under the heading of Oakland and Alameda County in this issue.

OFFICES—10 story and base. Class A construction, \$150,000. Oakland, Cal. Architects, Reed & Meyer, Oakland Bank of Savings, Oakland. Owner, Lucy Thompson. Contractors, P. J. Walker Co., Monadnock Bldg., S. F. Contract price not given. Note: It is understood that this contract has been taken on a percentage basis and that the building complete will cost about \$150,000.

Commercial High School Bids Opened.

Oakland Board of Education Will Probably Award Contract to Williams Bros. & Henderson.

Bids for the construction of the Commercial High School, which is to be erected on Broadway, between 41st and 45th streets in Oakland, were opened at last evening's session of the Oakland Board of Education. Figures were submitted with the following alternatives (1) oak trim in place of pine in the principal's offices (2) oak trim instead of pine in the assembly hall and stairways; (3) slack varnish instead of rubber; (4 and 5) hardwall plaster instead of Keene cement; (6) omitting west wing; (7) Niles gravel in lead of crushed rock and (8) double hung windows instead of patent. On the general construction, without consideration of the alternatives, which up to a late hour had not been compiled, Williams Bros. & Henderson had submitted the lowest figures at \$418,000. No award of contract has been made. Following is a complete list of all figures submitted:

General Construction.

Williams Bros. & Henderson, \$418,000; (1) add \$2000; (2) add \$1400; (3) deduct \$900; (4 and 5) deduct \$500; (6) deduct \$20,800; (7) deduct \$360; (8) deduct \$1056.
Newsom-Wold & Kohn, \$427,125; (1) add \$3300; (2) add \$1500; (3) deduct

\$600 (4 and 5) deduct \$200; (6) deduct \$36,555; (7) —; (8) deduct \$3000.
Lewis A. Hicks & Co., \$436,500; (1) add \$2400; (2) add \$700; (3) deduct \$600 (4 and 5) deduct \$500; (6) deduct \$40,000; (7) deduct \$500; (8) deduct \$1000.
Christenson Bros., \$425,222; (1) add \$2800; (2) add \$900; (3) deduct \$350; (4 and 5) deduct \$ —; (6) deduct \$30,866; (7) —; (8) —.

Van Sant-Houghton Co., \$462,841; (1) add \$4060; (2) add \$2123; (3) deduct \$650; (4 and 5) deduct \$200; (6) deduct \$31,700; (7) —; (8) —.
McLeran & Peterson, \$450,000 (1) add \$2000; (2) add \$1500; (3) deduct \$600; (4 and 5) deduct \$1200; (6) deduct \$27,000; (7) deduct \$2000; (8) deduct \$100.

Thurston & Co., \$439,500; (1) add \$2640; (2) add \$760; (3) deduct \$600; (4 and 5) deduct \$200; (6) deduct \$41,000; (7) —; (8) deduct \$2500.

Continental Fireproofing Co., \$444,500 (1) add \$4060; (2) add \$2070; (3) deduct \$605; (4 and 5) deduct \$ —; (6) deduct \$36,348; (7) deduct \$1000; (8) add \$530.

Auditorium Steel Bids Are Unusual.

Structural Steel Bids on Revised Plans Exceed First Proposals by Over Twenty-Six Thousand.

An unusual condition developed at the opening of bids for the structural steel for the Oakland Auditorium, when they were opened at Thursday's meeting of the Board of Supervisors. All bids received previously were in excess of the amount available and plans have been revised. Bids received yesterday on both the entire work and on unit prices were \$26,000 higher than the first bids. One member of the Board of Supervisors made a motion that all bids be rejected, but failed to get a second. Figures have been referred to the City Attorney and Commissioner of Public Works. Only two bids were received, one from the Pacific Rolling Mills for \$203,959, and one from the Judson Iron Works for \$222,082.

Structural Steel, Oakland Auditorium.
Judson Iron Works.....\$222,082
Pacific Rolling Mills.....203,959
Unit Prices.

Straight beams with or without connections, Judson Iron Works, \$.05; Pacific Rolling Mills, \$.041.

Plate girders, Judson Iron Works, \$.057; Pacific Rolling Mills, \$.047.
Trusses or built up lumber, Judson Iron Works, \$.055; Pacific Rolling Mills, \$.055.

Rods, Judson Iron Works, \$.08; Pacific Rolling Mills, \$.073.

Bent work, Judson Iron Works, \$.084; Pacific Rolling Mills, \$.078.

Building Contracts Awarded

Oakland.

1231 JespersionDippo 2000
1232 McCloughBarnett 1500
1233 RangeJohnson 1100
1234 RobinsonOwner 1200
1235 QuigleyQuigley 6000
1236 CoveilDecker 4100
1237 AndersonOlson 1516
1241 SlatteryGallagher 3750
1242 Kauff manHollenbeck 2250

1243 United BldrsOwner 3000
1244 PlatingOwner 2700
1245 RadkeParkinson 2700
1246 McGovernJones 3000
1247 BakerNichols 1960
1248 MurrayMurray 2000
1249 PetersonPeterson 1500
1250 OlsenOlsen 10000
1251 BrockstedtOwner 500
1252 RulePersner 1865
1253 LorenzBoeddeke 1200
1254 ClarkenSchafer 9500
1257 HallSwalley 9112
1258 ElftmanSwalley 3550
1259 RyanFulkes 4000
1260 SawyerTurner 400
1261 JanssenJanssen 450
1262 NigelsenLucas 400
1263 WillardFloege 3350
1266 AndersonConverse 500
1267 PhillipsDeike 400
1268 ScofieldJones 400
1270 MedeirosAzevedo 4000
1271 FranklinFranklin 400
1277 RootShrader 700
1279 WolfeWolfe 2000
1280 DunbarDunbar 1500
1281 WatermanProsser 500
1282 FrustonKirby 1600
1283 HamiltonTurner 500
1284 DorseyDecker 3550
1285 ElftmanSwalley 3550
1287 CoitCoit 2500
1288 WalterDunbar 2250
1289 BoltsBolts 3000
1290 SalvoSalvo 2050
1291 SameSame 2000
1292 SameSame 2000
1293 JansenJansen 1200
1294 RountreeRountree 2500
1295 AllenAllen 2100
1296 MullerMuller 3500
1297 MullerMuller 3500
1298 DavoustLegault 1000
1305 GiambunoPerona 1000
1306 ClassBauman 1000
1307 MartinBrophy 500
1309 MinerMinar 600
1310 MirarMirar 400
1311 CoitCoit 2000
1312 HansenJackson 1900
1313 MorrisMuller 15000
1319 RenneyYoung 1750
1316 1st Pres Church.....Hooper 1105
1317 W O WFuller 3670
1318 TykenLeeftang 1300
1319 RenneyRoust 1500
1320 BaldwinAnderson 1500
1321 EricssonEricsson 995
1322 MortonAnderson 1000
1323 BehrensBehrens 1000
1324 Union Ice Co.Williams 1000
1325 LaingLaing 1600
1326 BlumensteadSimpson 400

(1231) E MANILA AVE 345 S Hudson, Oakland. One-story 5-room dwelling. Owner.....Jespersion & Dippo, \$78 54th, Oakland.

Architect...None.
Day's work. COST, \$2000

(1232) N E-TWENTY-FOURTH 50 W 24th Ave., Oakland. One-story 5-room dwelling.
Owner.....C. M. Clough, 2388 E-24th, Oakland.

Architect...None.
Contractor...D. P. Barnett, 2327 24th Ave., Oakland.
COST, \$1500

(1233) W WALLACE 300 W 19th Ave., Oakland. One and one-half-story 5-room dwelling.

Owner.....Martin Ramge, S. F.
Architect...None.
Contractor...Ben O. Johnson & Sons, 2014 E-30th, Oakland.
COST, \$1100

(1234) IDORA PARK, Oakland. One-story store.

Owner.....W. H. Robinson, 508 54th, Oakland.
Architect...None.
Day's work. COST, \$1200

(1235) SW COTTAGE & RAND AVE., Oakland. Two-story 8-room dwlg.

Owner.....C. E. Quigley, 464 Van Buren Ave., Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Day's work. COST, \$6000

(1239) LOT 45 BLK "C" Sunnyslope, Oakland. All work for two-story dwelling.

Owner.....C. M. Covell.
Architect...None.

Contractor...C. L. Becker Co., 104 12th, Oakland.

Filed April 21, '13. Dated Mar. 27, '13.
As building loan will call for...

TOTAL COST, \$4100

Bond, \$2050. Surety, American Bonding Co. Limit, 66 days. Forfeit, none. Plans and specifications filed.

(1240) SE HUDSON AND MILES AVE 50x100, Oakland. All work for two-story frame stores and apartments.

Owner.....C. J. Anderson, Oakland.
Architect...None.

Contractor...Edward Olsen, 29 Westall Ave., Oakland.

Filed April 21, '13. Dated April 16, '13.

Frame up 4
Roof and 1st coat plaster on 4
Completed and accepted 1
Usual 35 days 4

TOTAL COST, \$11,516

Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1241) SW DOLORES, FOURTH AVE Heights, Oakland. All work for one and one-half-story frame dwelling.

Owner.....William P. Slattery and N. J. Slattery.

Architect...None.
Contractor...Gallagher & Motts, 392 Hawthorne, Oakland.

Filed April 21, '13. Dated April 21, '13.

Frame up 4
Rough plastered 4
Completed 4
Usual 35 days after 4

TOTAL COST, \$3750

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1242) LOT 27 MAP WADEAN TRACT Oakland. All work for one-story and basement frame dwelling.

Owner.....J. Katharine Kauffman and H. A. C. Kauffman, Okd.

Architect...None.
Contractor...G. E. Hollenbeck, Commercial Bldg., Oakland.

Filed April 21, '13. Dated April 18, '13.

Rough frame and chimney completed \$600
Brown coated 600
Completed and accepted 800
Usual 35 days 250

TOTAL COST, \$2250

Bond, \$1125. Surety, James B. Dean.

Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

(1243) ROSE AVE near Greenbank Ave., Piedmont. Two-story frame residence.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.
Day's work.....

COST, \$3000

(1244) FOOTHILL BLVD near 90th, Elmhurst. Six-room bungalow and garage.

Owner.....J. H. Plattner, Call Bldg., San Francisco.

Architect...W. J. Cuthbertson, 328 Montgomery, San Francisco

Day's work.....

COST, \$2700

(1245) E HAVENSCOURT BLVD, 387 N E-14th, Oakland. One-story five-room dwelling.

Owner.....A. G. Radke, SW Shattuck and 58th, Oakland.

Architect...None.

Contractor...Parkinson & Lindsay, 3208 Shattuck Ave., Berkeley.

COST \$2700

(1246) E SIXTY-EIGHTH 40 S Arthur Oakland. One and one-half-story six-room dwelling.

Owner.....Jones & McGovern, 2218 Los Angeles Ave., Berkeley

Architect...None.
Day's work.....

COST, \$3000

(1247) E PARK AVE 260 N E-8th, Oakland. One-story 5-room shop and office building.

Owner.....Baker & Hansen, 1641 Broadway, Oakland.

Architect...None.
Contractor...L. L. Nichols, MacDonough Bldg., Oakland.

COST, \$1960

(1248) S SIXTY-THIRD 350 E Telegraph Ave., Oakland. One and one-half-story 5-room dwelling.

Owner.....Eugene Murray, 2625 Chestnut, Oakland.

Architect...None.
Contractor...Jos. F. Murray, 674 45th, Oakland.

COST, \$2000

(1249) N TRASK 80 E Monticello, Oakland. One-story 5-room dwelling.

Owner.....Peterson & Peterson, 1603 Golden Gate Ave., S. F.

Architect...None.
Day's work.....

COST, \$1500

(1250) SE SIXTEENTH AND ADELINE Oakland. Three-story 15-room apartments.

Owner.....Edward Olsen, 29 Westall Ave., Oakland.

Architect...None.
Day's work.....

COST, \$10,000

(1251) SE "B" AND 91ST AVE., Oakland. One-story three-room dwlg.

Owner.....C. M. Brockstedt, 119 Vicksburg, Oakland.

Architect...None.
Day's work.....

COST, \$500

(1252) W 104TH AVE, bet Royal Ann and Biggerau, Oakland. One-story 5-room dwelling.

Owner.....W. J. Rule, 4359 Grove, Oakland.

Architect...None.
Contractor...John Persona, 599 3rd, Oakland.

COST, \$1865

(1253) W PERALTA AVE 125 N Hopkins, Oakland. One-story 4-room dwelling.

Owner.....Mrs. Lorenz, 341 Magnolia, Oakland.

Architect...None.
Contractor...Jno. Boeddeke, 1814 34th Ave., Oakland.

COST, \$1200

(1256) SW BROADWAY & ORCHARD, Oakland. One-story frame stores.

Owner.....Geo. C. Clarken, 224 Ricardo Ave., Oakland.

Architect...C. M. & A. F. Rousseau, 441 Monadnock Bldg, S. F.

Contractor...A. C. Schaefer, 546 29th, Oakland

COST, \$9800

(1257) N WALLA VISTA 40 E Arimo, Oakland. Two-story 9-room dwlg.

Owner.....E. M. Hall.
Architect...None.

Contractor...H. M. Swalley, 745 Wesley Ave., Oakland.

COST, \$9112

(1258) W EIGHTY-THIRD AVE 40 N Holly, Oakland. Two-story 8-room dwelling.

Owner.....Oscar Elftman, 476 Grant Ave., Oakland.

Architect...None.
Contractor...H. M. Swalley, 745 Wesley Ave., Oakland.

COST, \$3550

(1259) NW MOSS AVE & VERNON, Oakland. Two-story 8-room dwlg.

Owner.....Mrs. H. Ryan, Oakland.

Architect...None.
Contractor...John R. Faulkes, 9828 E-14th, Oakland.

COST, \$4000

(1260) NO. 2218 HARKINGTON AVE., Oakland. Alterations.

Owner.....H. D. Sawyer, Premises.

Architect...None.
Contractor...E. C. Turner, Premises.

COST, \$400

(1261) NO. 2728 ELMIWOOD AVE., Oakland. Alterations.

Owner.....E. A. Janssen, Hearst Bldg., San Francisco.

Architect...None.
Day's work.....

COST, \$450

(1262) W SHAFTER AVE 100 S 38th, Oakland. One-story 4-room dwlg.

Owner.....Mrs. Nigelsen, 3873 Shafter Ave., Oakland.

Architect...None.
Contractor...G. Lucas, 714 27th, Okd.

COST, \$400

(1263) SE OCEAN VIEW DRIVE 399 SW Bay View Terrace, Oakland. One and one-half-story 7-room dwlg.

Owner.....T. Willard, 1826 Francisco, Berkeley.

Architect...None.
Contractor...J. M. Ploeger, 3265 26th, San Francisco.

COST, \$3850

(1266) NO. 50 ROCK RIDGE BLVD., Oakland. Garage.

Owner.....R. C. Anderson, Premises.

Architect...None.
Contractor...Wm. Converse, 551 62nd, Oakland.

COST, \$500

(1267) NOS. 1771-77 GOSS, Oakland. Alterations.

Owner.....B. D. Phillips, Foot of Perkins, Oakland.

Architect...None.
Contractor...G. Deike, 1802 15th Ave., Oakland.

COST, \$100

(1268) E SHAFTER AVE 300 S Hudson, Oakland. Alterations.

Owner.....Mrs. C. E. Scofield, 5721 Shafter Ave., Oakland.

Architect...None.
Contractor...Jones Bros., 5829 Lawton Ave., Oakland.

COST, \$100

(1270) NO. 2119 E-TWENTY-FIRST, Oakland. Alterations.

Owner.....Joe Medeiros, Premises.

Architect...None.
Contractor...L. Azevedo, 2041 20th Ave, Oakland.

COST, \$400

(1271) NO. 2181 SANTA RITA, Oakland. Alterations.

Owner.....C. Franklin.

Architect...None.
Day's work.....

COST, \$100

- (1277) N ASHBY AVE 150 W Piedmont, Oakland. Alterations.
Owner.....O. H. Root, 2737 Ashby, Oakland.
Architect...None.
Contractor...J. F. Shrader, 2737 Ashby, Oakland.
COST, \$700
- (1279) W VALE AVE 91 S Thompkins, Oakland. One and one-half-story 7-room dwelling.
Owner.....R. E. Wolfe, 3947 Vale Ave., Oakland.
Architect...None.
Day's work. COST, \$2000
- (1280) E SIXTY-NINTH AVE 110 S Weld, Oakland. One-story 5-room dwelling.
Owner.....W. Durrer, 1254 75th Ave., Oakland.
Architect...None.
Day's work. COST, \$1500
- (1281) NO. 563 FIFTY-NINTH, Oakland. Alterations.
Owner.....Roy Waterman, Premises.
Architect...None.
Contractor...E. G. Prosser, 876 37th, Oakland.
COST, \$500
- (1282) E SEVENTY-FIFTH AVE 240 S Rosedale, Oakland. One-story five-room dwelling.
Owner.....R. H. Fruston, 525 13th, Oakland.
Architect...None.
Contractor...Wm. Kirby, 9033 "B", Oakland.
COST, \$1600
- (1283) NOS. 203-05 ATHOL AVE., Oakland. Alterations.
Owner.....Winifred Hamilton, Prem.
Architect...None.
Contractor...Turner & Johnson, 212 Clay, San Francisco.
COST, \$500
- (1284) LOT 13 MAP COLBY PARK, Oakland. All work for one-story 5-room dwelling.
Owner.....D. C. and Elizabeth A. Dorsey, 2002 San Pablo Ave Oakland.
Architect...None.
Contractor...R. R. Dexter, 2212 Grove, Oakland.
Filed April 23, '13. Dated April 18, '13.
Roof on 1/4
Plastered 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2150
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (1285) LOT 2 BLK "H" Brooklyn Tp W 83rd Ave 40 N Holly, Oakland. All work for two-story dwelling.
Owner.....Oscar Elftman, 476 Grant Ave., Oakland.
Architect...None.
Contractor...H. M. Swalley, 745 Wesley Ave., Oakland.
Filed April 23, '13. Dated April 21, '13.
Frame up and sheathing on roof..... \$900
1st coat plaster on 900
Ready for painters..... 900
Completed and accepted..... 850
TOTAL COST, \$3350
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (1287) SW MANILA AND CAVOUR, Oakland. One-story 5-room dwelling.
Owner.....C. B. Colt, 1522 Broadway Oakland,
Architect...Al. J. Mazurette, 1522 Broadway, Oakland.
Contractor...Roger Colt, 1522 Broadway, Oakland.
COST, \$2500
- (1288) W LIESE AVE 350 N Santa Rita Oakland. One-story 5-room dwlg.
Owner.....E. P. Walters, 2398 E-24th, Oakland.
Architect...None.
Contractor...S. H. Dunbar, 2398 E-24th, Oakland.
COST, \$2250
- (1289) NW BOULEVARD AND CONGRESS, Oakland. One-story 6-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$3000
- (1290) NW HARPER COURT & 35th Ave., Oakland. One-story five-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000
- (1291) N HARPER COURT 65 W 35th Ave., Oakland. One-story five-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000
- (1292) N HARPER COURT 30 W 35th Ave., Oakland. One-story five-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect...None.
Day's work. COST, \$2000
- (1293) W FIFTY-FOURTH AVE 200 N E-12th, Oakland. One-story 4-room dwelling.
Owner.....R. N. Jansen, 1225 54th Ave., Oakland.
Architect...None.
Day's work. COST, \$1200
- (1294) E GREENWOOD 160 N Hampel Oakland. Two-story 6-room dwlg.
Owner.....James Rountree, 5417 Shafter Ave., Oakland.
Architect...None.
Day's work. COST, \$2500
- (1295) S BAY PLACE 167 SE Valdez, Oakland. One-story 4-room dwlg.
Owner.....O. E. Allen, 310 24th, Okd.
Architect...None.
Day's work. COST, \$2100
- (1296) W LAKE SHORE AVE 360 N Rand, Oakland. Two-story 6-room dwelling.
Owner.....F. A. Muller, 663 61st, Okd.
Architect...None.
Day's work. COST, \$3500
- (1297) N SANTA RAY AVE 120 E Calmar Ave., Oakland. Two-story 6-room dwelling.
Owner.....F. A. Muller, 663 61st, Okd.
Architect...None.
Day's work. COST, \$3500
- (1299) NO. 766 EIGHTH, a Lot adjoining and immediately west, Oakland. All work for three-story frame apartment house.
Owner.....Marital Davoust,
Architect...W. Garden Mitchell and Chas. B. Hodges, Bankers' Investment Bldg., S. F.
Contractor...Oliver Legault, 3136 West, Oakland.
Filed April 24, '13. Dated April 23, '13.
Frame up 25%
Brown coated 25%
Completed and accepted..... 25%
Usual 33 days..... 25%
Also agreed if owner can have any sub-contracts done for less than figured by contractor, difference to be deducted from contract price.
TOTAL COST, \$7500
Bond, \$3750. Surety National Surety Co. Limit, 100 days. Forfeit, \$5. Plans and specifications filed.
- (1305) NO. 1632 THIRD, Oakland. Alterations.
Owner.....Jos. Giambruno, Premises.
Architect...None.
Contractor...John Perona, 590 3rd, Okd.
COST, \$1000
- (1306) NO. 2641 LIESE AVE., Oakland Addition.
Owner.....E. Class, Premises.
Architect...None.
Contractor...G. W. Bauman, 2817 Violin Oakland.
COST, \$1000
- (1307) NO. 834 THIRTY-FIFTH, Oakland. Alterations.
Owner.....Thos. Martin, Premises.
Architect...None.
Contractor...P. J. Brophy, 3278 West, Oakland.
COST, \$500
- (1309) SE PROSPECT AND OCEAN View Drive, Oakland. Two-story 10-room dwelling.
Owner.....L. E. Minar, 711 Syndicate Bldg., Oakland.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Day's work. COST, \$6200
- (1310) S OCEAN VIEW DRIVE 153 E Prospect Ave., Oakland. Garage.
Owner.....L. E. Minar, 711 Syndicate Bldg., Oakland.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Day's work. COST, \$400
- (1311) W MANILA 35 S Cavour, Oakland. One-story 5-room dwelling.
Owner.....Coit Investment Co., 1522 Broadway, Oakland.
Architect...Al. J. Mazurette, 1522 Broadway, Oakland.
Contractor...Roger Colt, 1522 Broadway, Oakland.
COST, \$2900
- (1312) E TWENTY-SEVENTH AVE 300 N E-23rd, Oakland. One-story 6-room dwelling.
Owner.....Louis Hansen, 2107 27th Ave., Oakland
Architect...None.
Contractor...C. A. Jackson, 2120 E-16th, Oakland.
COST, \$1900
- (1313) N FOURTEENTH 40 E Grove, Oakland. Two-story brick stores and lofts.
Owner.....Merris & Muller, 1601 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$15,000

BUILDING AND INDUSTRIAL NEWS

(1311) S SIXTY-THIRD 269 W Telegraph Ave., Oakland. One-story six-room dwelling.
Owner.....W. S. Young, 702 Alleen, Oakland.
Architect...None.
Day's work. COST, \$1750

(1316) OAKLAND. All work for 4 windows Type A; 1 window Type C; 3 windows Type D for Church.
Owner.....First Presbyterian Church of Oakland.
Architect...William C. Hays, 63 Post, San Francisco.
Contractor...Hooper-Dombink Art Glass Co., 1813 Telegraph Ave., Oakland.

Filed April 25, '13. Dated April 22, '13.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, \$1103
Bond, \$600. Surety, American Surety Co. Limit, 60 days. Forfeit, none.
Plans and specifications, none.

NOTE.—Building is being erected at NW Broadway and North 26th Streets.

(1317) NW SIXTEENTH & JEFFERSON W along 16th 150 N 85 E 50 N 15 E 100 S 100, Oakland. Glass and mirrors for five-story and basement brick, steel and concrete building.
Owner.....Woodmen of World Bldg. Association, Oakland.
Architect...F. D. Voorhees, Central Bank Bldg., Oakland.
Contractor...W. P. Fuller & Co., 10th & Alice, Oakland.

Filed April 25, '13. Dated April 12, '13.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3670
Bond, \$1800. Sureties, Thomas Lindsay and R. B. Heath. Limit, as rapid as required by Architect. Forfeit, none.
Plans and specifications filed.

(1318) N LOCKWOOD 400 E 73rd Ave., Oakland. One-story 4-room dwelling.
Owner.....Tyken Bros., 7424 Lockwood, Oakland.
Architect...None.
Contractor...J. Leflang.
COST, \$1300

(1319) N SEVENTH 100 E Webster, Oakland. Galvanized iron work shop.
Owner.....Jas. Kenney.
Architect...None.
Contractor...A. Roust, 6308 Raymond, Oakland.
COST, \$1500

(1320) NO. 923 WASHINGTON, Oakland. Repairs.
Owner.....I. A. Baldwin, Premises
Architect...None.
Contractor...J. Anderson, 1422 Broadway, Oakland.
COST, \$1500

(1321) S CEDAR 100 W Tenth, Oakland. One-story 4-room dwelling.
Owner.....Carl Ericsson, 1346 Wilson, Oakland.
Architect...None.
Day's work. COST, \$395

(1322) S NORTH 200 E Dana, Oakland. Addition.
Owner.....C. N. Morton, 427 North, Oakland.
Architect...None.
Contractor...N. A. Anderson, 1729 Napa Ave., Oakland.
COST, \$1000

(1323) S PLYMOUTH 200 E 96th Ave., Oakland. One-story three-room dwlg.
Owner.....Hy Behrens.
Architect...None.
Day's work. COST, \$1000

(1321) NE FILBERT & 22ND, Oakland. One-story 2-room office bldg.
Owner.....Union Ice Co., 534 Pine, San Francisco.
Architect...None.
Contractor...J. W. Williams, San Leandro.
COST, \$1000

(1325) NW FORTY-SIXTH AVE AND Melrose Ave., Oakland. One-story 5-room dwelling.
Owner.....J. A. Laing, 4506 Melrose Ave., Oakland.
Architect...None.
Contractor...P. M. Laing, 4506 Melrose Ave., Oakland.
COST, \$1600

(1326) NO. 491 NINTH, Oakland. Alterations.
Owner.....Blumenstead & Becker, 491 9th, Oakland.
Architect...None.
Contractor...W. S. Simpson, San Leandro.
COST, \$400

Building Contracts Awarded Berkeley.

1250 Marshall	Diggs	3800
1236 Ala Co Invtl	Wiley	20000
1237 Williams	Johanson	1800
1238 Baird	Sorensen	4189
1254 Van Kirk	Van Kirk	2006
1255 Ocheltree	Fredrickson	2100
1265 Phinney	Peake	3300
1269 Giesler	Owens	400
1274 Gastman	Gastman	3000
1275 Conant	Conant	4000
1276 Bonner	Bonner	2400
1278 Mills	Porter	1500
1286 Smith	Allen	2500
1288 Mathanen	Mathanen	4000
1308 Miller	Sorensen	4200
1312 Peake	Pinkerton	1475

(Correction in Total)

(1221) W HILLEGASS AVE 180 N Woolsey being Lot 13 Blk "C" Bate-man Tract, Berkeley. All work except lighting fixtures for dwelling.
Owner.....William F. and Alice W. Lorenz, 2994 Adeline, Bkly
Architect...None.
Contractor...I. L. Grainger, 515 66th, Oakland.
Filed April 18, '13. Dated April 17, '13.
Material on ground and frame up ¼
Enclosed and brown coated..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$2650

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(1230) N ASHBY AVE 290 W Claremont Ave., Berkeley. Two-story 8-room dwelling.
Owner.....Marshall-Diggs, 2444 Bowditch, Berkeley.
Architect...None.
Day's work. COST, \$2800

(1236) E COLLEGE AVE 125 S Channing Way, Berkeley. Three-story and basement 29-room frame apartment house.
Owner.....Alameda Co. Investment Co., 1st National Bank Bldg., Berkeley.
Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...J. M. Wiley, 1718 Hearst Ave., Berkeley.
COST, \$30,000

(1237) S ROSE 66 E Milvia, Berkeley. One-story 5-room dwelling.
Owner.....Frances B. Williams, 1409 Milvia, Berkeley.
Architect...None.
Contractor...G. Johanson, Cor. Rose & Josephine, Berkeley.
COST, \$1800

(1228) LOT 30 BLK 4 Oak Ridge, Claremont, Berkeley. All work for two-story and basement dwelling.
Owner.....Robert B. Baird, 2125 Shattuck Ave., Berkeley.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Walter Sorensen, 3219 Ellis Berkeley.
Filed April 21, '13. Dated April 18, '13.
Frame up ¼
1st coat interior and exterior plaster completed ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$4189

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE.—Reporter under name of Chas. E. Miller.

(1254) W McGEE 200 S Bancroft, Berkeley. One-story 5-room dwelling.
Owner.....Mrs. M. E. Van Kirk, Bear Apartments, Berkeley.
Architect...None.
Day's work. COST, \$2000

(1255) E BONITA 64 S Berryman, Berkeley. One and one-half-story six-room dwelling.
Owner.....G. B. Ocheltree, Los Angeles
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Peter Fredrickson, 2231 Shattuck Ave., Berkeley.
COST, \$3400

(1265) LOT 17 BLK 4 Kellogg Tract, Berkeley. All work for one-story dwelling.
Owner.....Mary A. Phinney, 2141 Berkeley Way, Berkeley.
Architect...None.
Contractor...F. R. Peake Co., 2127 University Ave., Berkeley.

Filed April 22, '13. Dated April 19, '13.
Frame up ¼
Rough coat plaster on..... ¼
Completed ¼
Usual 35 days..... ¼
TOTAL COST, \$3300
Bond, none. Limit, July 1. Forfeit, \$1. Plans and specifications filed.

(1269) W DANA 80 N Blake, Berkeley. Alterations.
Owner.....E. F. Giesler, 2514 Dana, Berkeley.
Architect...None.
Contractor...G. T. Owens, 2915 Deakin, Berkeley.
COST, \$400

(1274) W CONTRA COAST AVE 45 N Indian Rock Path, Berkeley. Two-story 8-room dwelling.
Owner.....Mary I. Gastman, 1269 Euclid Ave., Berkeley.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor...Norman Gastman, 1269 Euclid Ave., Berkeley.
COST, \$2000

(1275) SE DANA AND DURANT, Berkeley. Alterations.
Owner.....Mrs. John Conant, 524 25th
Oakland.
Architect...None.
Contractor..John C. Conant, 524 25th,
Oakland.

COST, \$1000

(1276) N FOREST AVE 215 W Piedmont Ave., Berkeley. Two-story 7-room dwelling.
Owner.....A. W. Bonner, 2731 Forest Ave., Berkeley.
Architect...None.
Day's work.

COST, \$2100

(1278) N HASTE 175 W Dana, Berkeley. Two-story 5-room dwelling and garage.
Owner.....Mrs. L. L. Mills, 549 62nd, Oakland.
Architect...None.
Contractor..H. H. Porter, 2616 Cedar, Berkeley.

COST, \$1500

(1286) NO. 2930 AVALON AVE., Berkeley. Alterations.
Owner.....C. A. Smith, Premises.
Architect...None.
Contractor..F. E. Allen, 468 34th, Okd.

COST, \$2500

(1298) W BRIDGE ROAD 200 N Tunnel Road, Berkeley. Two-story 9-room dwelling.
Owner.....Otto Mailanen, Paul Gustafson and August Laine, 2429 9th, Berkeley.
Architect...None.
Contractor..Otto Mailanen, 2429 9th, Berkeley.

COST, \$1000

(1308) W EL CAMINO REAL 350 N Contra Costa, Berkeley. One and one-half-story 7-room dwelling.
Owner.....C. E. Miller.
Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.
Contractor..W. Sorensen, 3219 Ellis, Berkeley.

COST, \$4200

(1315) W SACRAMENTO 130 N Bancroft, Berkeley. One-story 5-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Contractor..J. A. Pinkerton, 1931 Berryman, Berkeley.

COST, \$1475

Building Contracts Awarded

Alameda.

1264	Rose	Griffin	1629
1272	Pollard	Strang	2000
1273	Cook	Roth	1500
1300	Le Boyd	Le Boyd	1250
1301	Noble	Young	1000
1302	Hammond	Anderson	500
1303	Frazer	Burton	400
1304	Randall	Stewart	2500

(1264) S COUNTY ROAD leading from Centerville to Town of Alameda. All work for one-story 5-room dwelling.
Owner.....J. F. Rose.
Architect...None.
Contractor..F. C. Griffin.
Filed April 22, '13. Dated April 21, '13.
Frame up and sheathing on..... 1/4
Plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$1629

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1272) NO. 1509 HIGH, Alameda. One-story dwelling.
Owner.....Erick Pollard, Citizens' Bk Bldg., Alameda.
Architect...None.
Contractor..F. N. Strang, 1330 Burbank, Alameda.

COST, \$2000

(1273) NO. 2150 CENTRAL AVE., Alameda. Addition to garage.
Owner.....Mrs. Cook, 2315 Santa Clara Ave., Alameda.
Architect...None.
Contractor..Conrad Roth, 2117 Pacific Ave., Alameda.

COST, \$1500

(1306) NO. 1415 CENTRAL COURT, Alameda. One-story dwelling.
Owner.....W. G. Le Boyd, 1340 Broadway, Alameda.
Architect...None.
Day's work.

COST \$1350

(1301) NO. 2426 WEBB AVE., Alameda. One-story 5-room dwelling.
Owner.....Noble & Young, 2415 Webb Ave., Alameda.
Architect...None.
Day's work.

COST, \$1600

(1302) NO. 1217 WALNUT, Alameda. Repairs.
Owner.....C. J. Hammond Jr. Citizens' Bank Bldg., Alameda.
Architect...None.
Contractor..H. C. Andersen.

COST, \$500

(1303) NO. 1331 PARK Alameda. Alter store.
Owner.....Fred Frazer Co., Premises.
Architect...None.
Contractor..C. Burton, 2306 San Jose Ave., Alameda.

COST, \$400

(1304) NO. 1329 PALM, Alameda. One-story dwelling.
Owner.....J. B. Randell, 1377 Palm, Alameda.
Architect...J. B. Randell, 251 Kearny, San Francisco.
Contractor..R. B. Stewart, McGee Ave., Berkeley.

COST, \$2500

Completion Notices.

ALAMEDA COUNTY.

April 19, 1913—E-SEVENTEENTH No. 5619, Oakland. James McGuinness to whom it may concernApril 1, 1913
April 19, 1913—E-SIXTEENTH No. 5619, Oakland. James McGuinness to whom it may concern. April 19, 1913
April 21, 1913—NE SANTA CLARA Ave and Valle Vista Ave N along Santa Clara Ave 35.05 NE 60 S 60 W 60, Okd. J Edwin and Surelda E McLain to whom it may concern.April 18, 1913
April 22, 1913—S SIXTEENTH 100 W Clay W 37 1/2 x S 103 1/2, Okd. Alameda County Loan Ass'n to Kaufman & Edwards, F E Nelson and Carl T Doell.April 18, 1913
April 22, 1913—LOT 34 BLK 3, North-brace, Bkly. Henry Bosch Jr to Porter Bros.April 17, 1913
April 22, 1913—PTN BLK 5 TWOHY Add'n 392 N Eunice, Bkly. Dr L H Ginno to Hughson & Donnelly....

April 22, 1913
April 22, 1913—LOT 2 BLK 8 Map Claremont, Bkly. Mrs L E Brittan to W S Montgomery.April 22, 1913
April 23, 1913—LOT 6 BLK 16 Highland Subdivn of Adams Point Pty, Okd. Laura C Hall to G A JenksApril 23, 1913
April 23, 1913—LOT 10 BLK "F" Mastick Park, Alameda. Mark T Cole to whom it may concern. April 21, 1913
April 25, 1913—LOT 28 BLK "M" Map 4th Ave Terrace, Okd. Frank C Howe to Albert A Haskell.April 25, 1913

LIENS FILED.

ALAMEDA COUNTY.

April 19, 1913—W HIGHLAND AVE 150 N Vista Ave N 65xW 182 Piedmont. W W Tucker Co vs Samuel Thornton\$65.50
April 19, 1913—LOT 21 and NE 1/4 Lot 23 Bk 3 Ranges Tract 1, 1911 S 1/4 Ave. C L John Campbell, & C L John Gonzalez, 3109 Ave. C to Central
April 23, 1913—LOTS 1 AND 2 Map Oak Park Trct, Okd. Chris Engelsen vs Magnus Smith\$60
April 23, 1913—LOT 7 BLK 62 Map Tract "B" Berkeley L T I Ass'n, Bkly. F W Foss Co vs Christopher H G Runde and W Jankowski. \$109.69
April 24, 1913—NE BOULEVARD Way and NW Girard Ave NW along Boulevard Way 66 NE 120 SE 68.32 SW 120.15, Piedmont. Inter Cities Home Bldrs vs E and May Oppenheim\$924.20

SAN JOSE AND THE SANTA CLARA VALLEY.

Contracts Awarded

RESIDENCE—2 story and base, reinforced concrete and steel. Cost not stated. Uplands, San Mateo Co., Cal. Architects, Willis Polk & Co., Merchants Exchange Bldg., S. F. Owner, Charles Templeton Crocker. Contractors, Fafrell & Reed, S. F., excavating only. Contract price, \$34,000.

Building Contracts.

SANTA CLARA COUNTY

NEAR COR FIFTH & SAN FERNANDO San Jose. All work for painting and finishing one-story frame culh house.
Owner.....Roman Catholic Archbishop of San Francisco.
Architect...Wm. Klinkert, San Jose.
Contractor..J. P. Jarmen Co, \$8 S-2d St., San Jose.
Filed April 16, '13. Dated April 15, '13.
Exterior painting done.....\$400
When completed..... 400
Usual 35 days..... 470
TOTAL COST, \$1270
Bond, \$650. Sureties, T. S. Montgomery and A. McDonald. Limit, none. Forfeit, none. Plans and specifications filed
EXCAVATING, GRADING, BRICK work, mantels, interior and exterior carpenter work, mill work, glass, hardware, iron work, lathing and plastering and roofing on above.
Contractor..J. H. Miller, 1011 S-2nd, San Jose.

Filed April 16, '13. Dated April 14, '13.
 Frame up and sheathing on.....\$3683
 1st coat plaster on.....3683
 When completed.....3683
 Usual 35 days.....3683

TOTAL COST, \$14,732

Bond, \$7400. Sureties, T. B. Hubbard and Chris. Pallison. Limit, on or before Sept. 1. Forfeit, none. Specifications and plans filed.

ELECTRIC WIRING AND INSTALLATION on above.

Contractor...Garden City Elec. Co., 44 W-San Fernando, San Jose.
 Filed April 16, '13. Dated April 15, '13.
 Work roughed in.....\$225
 Completed and accepted.....227

TOTAL COST, \$452

Bond, none. Limit, so not to hinder others. Forfeit, none. Specifications and plans filed.

GALVANIZED IRON, TINNING, ROOFING, plumbing and heating on above.

Contractor...The John Stock Sons, 71 S-First, San Jose.

Filed April 16, '13. Dated April 14, '13.
 Plumbing roughed in.....\$1000
 Roof completed.....1000
 When all completed.....972
 Usual 35 days.....10000

TOTAL COST, \$3272

Bond, \$2000. Sureties, W. H. Pomeroy and R. E. Hinkle. Limit, so as not to hinder other work. Forfeit, none. Plans and specifications filed.

LOT 1 BLK 28 Naglee Park, San Jose.
 All work for one and one-half-story bungalow.

Owner....W. A. Coulter, Theatre Bldg. San Jose.

Architect...Chas. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor...J. B. Lamb, 610 S-11th St., San Jose.

Filed April 21, '13. Dated April 19, '13.
 Frame up.....\$650
 1st coat plaster on.....850
 When completed.....787
 Usual 35 days.....Balance

TOTAL COST, \$3050

Bond, \$1525. Sureties, E. W. Schnabel and O. E. Schnabel. Limit, 75 days. Forfeit, none. Plans and specifications filed.

LOT 4 HAMILTON SUB-DIVISION near San Jose. All work for one-story frame bungalow.

Owner....H. W. Higbie, San Jose.

Architect...None.

Contractor...C. F. Kessling, Cove Ave., San Jose.

Filed April 21, '13. Dated April 21, '13.
 Frame up.....\$ 830
 1st coat plaster on.....830
 Building completed.....830
 30 days after.....10000

TOTAL COST, \$3500

Bond, \$1750. Sureties, R. G. Mitchell and E. E. Keesling. Limit, 90 working days. Forfeit, \$1. Plans and specifications filed.

LOT 4 HAMILTON SUB-DIVISION near San Jose. All work for one-story frame bungalow.

Owner....H. W. Higbie, San Jose.

Architect...None.

Contractor...C. F. Kessling, Cove Ave., San Jose.

Filed April 21, '13. Dated April 21, '13.
 Frame up.....\$ 790
 1st coat plaster on.....790
 When completed.....795
 30 days after.....1000

TOTAL COST, \$3375

Bond, \$1687. Sureties, R. G. Mitchell and E. E. Keesling. Limit, 90 working days. Forfeit, \$1. Plans and specifications filed.

LOT 7 BLK 20, Los Altos. All work for one-story 5-room bungalow.

Owner....Mrs. H. Gruwell, 327 S-17th San Jose.

Architect...I. D. Arnott.

Contractor...Antone Jensen, Palo Alto.

Filed April 16, '13. Dated April 2, '13.
 Frame up.....\$405
 1st coat plaster on.....405
 When completed.....405
 Usual 35 days.....405

TOTAL COST, \$1620

Bond, none. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

COR. BARTON AND JACKSON, Santa Clara. All work for two-story frame building.

Owner....Emma Hirsch, Santa Clara.

Architect...Chas. McKenzie, Bank of San Jose Bldg., San Jose.

Contractor...Morrison Bros., Santa Clara.

Filed April 14, '13. Dated April 9, '13.
 Frame up.....\$1268
 1st coat plaster on.....1268
 Building completed.....1268
 Usual 35 days.....1268

TOTAL COST, \$5072

Bond, \$2536. Sureties, C. A. Morrison and D. O. Druffie. Limit, 90 days. Forfeit, none. Plans and specifications filed.

PARK AVE near Sunol, San Jose. All work for one-story dwelling.

Owner....G. Villa, San Jose.

Architect...None.

Contractor...E. L. Slaght, 731 S-9th, San Jose.

Filed April 7, '13. Dated April 3, '13.
 Plastering finished.....\$500
 House finished.....400
 Usual 35 days.....270

TOTAL COST, \$1170

Bond, none. Limit, June 10. Forfeit, none. Plans and specifications filed.

NOS. 119 AND 121 S-SECOND, San Jose. Remodel front and interiors.

Owner....Ernest Ekstick, San Francisco.

Architect...L. Lenzen, 110 S-Second, San Jose.

Contractor...J. C. Tharp, Smout Bldg., San Jose. COST, \$2350

NO. 10 W-SAN PERNANDO, San Jose. Remodel front and interior.

Owner....Bennett & Bader, Prem.

Architect...None.

Day's work. COST, \$550

NO. 410 N-SEVENTEENTH, San Jose. Remodel and repair cottage.

Owner....J. Casley, Premises.

Architect...None.

Day's work. COST, \$700

NOS. 51 AND 53 N-MARKET, San Jose. Remodel front.

Owner....N. Candolfo, Premises.

Architect...None.

Contractor...W. J. Moore, 239 Orchard, San Jose. COST, \$500

NO. 336 S-FIFTH, San Jose. Remodel apartments.

Owner....Mrs. E. A. Chapman, 170 E-Santa Clara, San Jose.

Architect...None.

Contractor...The Lewis Co., 1st National Bank Bldg., San Jose.

COST, \$2500

NO. 1264 LOCUST, San Jose. Two-room building.

Owner....Frank Alongi, Premises.

Architect...None.

Day's work. COST, \$500

N DUANE near First, San Jose. Five-room cottage.

Owner....W. J. Moore, 239 Orchard, San Jose.

Architect...None.

Day's work. COST, \$2000

E FIFTH, bet Empire and Jackson, San Jose. One-story church.

Owner....Japanese M. E. Mission, Premises.

Architect...None.

Contractor...Wm. Regel, 244 S-15th St., San Jose. COST, \$2500

Liens Filed.

SANTA CLARA COUNTY.

RECORDED AMOUNT

April 22, 1913—FIFTH & EIGLE-

berry, Gilroy. Dudfield Lumber Co., \$475.27; J. H. Williams, \$12 vs Howard Willey, Grace Willey and E. L. Morris.....\$76

April 23, 1913—FIFTH & EIGLE-

berry, Gilroy. Jno Guilbert vs Howard and Grace Willey and E. L. Morris.....\$76

April 24, 1913—FIFTH & EIGLE-

berry, Gilroy. W. P. Fuller vs E. L. Morris.....\$67

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—2 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Bakersfield.

Owners, City of Bakersfield. Mr. Clark has just been commissioned to prepare plans for the new grammar school which will be erected at the corner of 18th and A streets, and for extensive alterations and additions to the Emerson School. Working drawings have not been started and details cannot be given for a time. Further notice will appear in these columns when the work is ready for figures. Bonds to the amount of \$40,000 was voted for construction.

THEATRE—2 story and base, frame. Cost not stated. Fresno, Fresno Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, Emil Kehrlin. The building will be erected on J street between Merced and Fresno streets, and will have a main auditorium seating 2,000 people. Preliminary plans only have been prepared.

LIBRARY—2 story and base, concrete and steel. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Bakersfield. Owners, City of Bakersfield. As was stated in last week's issue the Library Trustees have approved the plans for this building and construction will be started as soon as bids can be taken. The building will cover an area of 54x33 feet. Exterior will be faced with cement plaster.

Contracts Awarded.

SCHOOL—2 story and base, brick, \$20,500. Taft, Kern Co., Cal. Architect's name not given. Owners, Taft School District. Contractors, Seymour & Carter, Taft, general construction only. Contract price, \$20,500.

LOBBY HALL—2 story and base, brick, \$21,000. Taft, Kern Co., Cal. Architect, O. L. Clark, Bakersfield. Owners, Odd Fellows' Hall Association. Contractor, J. C. McDonald, Taft. Contract price, \$21,000.

BRIDGES—Steel and concrete. Cost not stated. Crows Landing, Stanislaus Co., Cal. Engineer, County Surveyor Anneur, Modesto. Owners, Stanislaus County. The County Surveyor was ordered on Thursday by the Board of Supervisors to prepare plans and specifications for the construction of an 80-foot steel span with 20 feet of trestle, in place of the east end of Crows Landing bridge over the San Joaquin River, and an 80-foot steel span together with 200 and 100 feet of combination span on the west end of the draw bridge.

Willison & Foster, Modesto, secured the contract for \$9,313 for making repairs to the Empire bridge.

COMPLETION NOTICES.**FRESNO COUNTY.**

RECORDED **ACCEPTED**
April 23, 1913—LOTS 3, 6 Elwoods North Park Add'n, Fresno City. H. D. Rominger to Reese & Atkins.... April 18, 1913
April 21, 1913—LOTS 17, 18, 19 BLK 26, Fresno City. A. Paretta to Joe Laforte..... April 21, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Ogborn, Richmond. Owner, A. C. Kerley. The dwelling will contain seven rooms and bath. Interior will be finished in pine throughout with hardwood floors in the living and dining rooms and reception hall. There will be furnace heat and open fire places. Mantels will be of tile or brick. Exterior of the house will be covered with cement plaster on metal lath. Tile will be used in the bath room and kitchen. Plans are complete and figures will be called for shortly.

DREDGING, BULK HEAD AND SEWER WORK—Main and outfall. Cost not stated. Richmond, Contra Costa Co., Cal. Engineer, City Engineer Chapman, Richmond. Owners, City of Richmond. Plans have been completed for extensive main and outfall sewer work which is to be constructed in the territory recently annexed by the city of Richmond. Plans will receive the approval of the council at its next meeting and bids will be called for at once. Full particulars can be secured from City Engineer Chapman.

Contracts Awarded.

STREET PAVING—\$55,000. Richmond, Contra Costa Co., Cal. Engineer, City Engineer Chapman, Richmond. Owners, City of Richmond. Contractor, G. W. Cushing, Richmond; Improve A. B. and C streets, \$27,895.19; Improve Pennsylvania avenue, \$15,769.96, and improve 18th street, \$11,990.76.

Building Contracts.**CONTRA COSTA COUNTY.**

LOT 3 BLK "T," East Richmond. All work for one-story frame bungalow. Owner.....Edward and Mary McDuff, Richmond.

Architect...J. B. Ogborn, 822 Macdonald Ave., Richmond.
Contractor...J. O. Barker.

Filed April 23, '13. Dated April 10, '13.
Frame up.....\$618 75
Building enclosed.....618 75
1st coat plaster on.....618 75
Building completed.....618 75
Usual 35 days.....825 00
TOTAL COST, \$3300 00

Bond, \$1650. Surety, Southwestern Surety Insurance Co. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

3.19 ACRES IN RANCHO SAN RAMON.

All brick and carpentry work for 2-story frame building.
Owner.....L. S. Church, 2600 Elna St., Berkeley.

Architect...G. Taylor, Oakland.

Contractor...G. Taylor, 473 Oakland Ave., Oakland.

Filed April 19, '13. Dated April 18, '13.
Floor joists set.....\$800
Frame up and roof on.....800
Building completed.....800
Usual 35 days.....800

TOTAL COST, \$3200
Bond, \$1600. Surety, American Surety Co. of New York. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

Completion Notices.**CONTRA COSTA COUNTY.**

RECORDED **ACCEPTED**
April 18, 1913—LOTS 16 AND 17 BLK 47, City of Richmond. Hoyt & Greene, Inc. to T S Handley..... April 15, 1913
April 18, 1913—LOTS 4 AND 5 BLK 83 City of Richmond. Hoyt & Greene, Inc. to T S Handley.....April 15, 1913

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.**Building Contracts.****SACRAMENTO COUNTY.**

LOT KNOWN AS THE J H COLLEDGE
Lot 12.19 acres bded on W by Sacramento Road, on N by Lot 15 of McCauley Add'n to Galt, on E by land of A. Haushildt and J. T. McInerney, on S by Lone Road, being in the NW ¼ of 26-5-6 Last. High school building for Galt Joint Union High School District.
Owner.....Trustees Galt Joint Union High School District.

Architect...C. H. Russell, Humboldt Bank Bldg., San Francisco
Contractor...Graham & Jensen, 185 Stevenson, San Francisco.

Filed April 18, '13. Dated Feb. 3, '13.
COST, \$35,625

S ½ OF N ½ OF LOT 8 N. O. 15TH AND 16th Sts., Sacramento. Raising and remodeling on one-story and basement frame building.

Owner.....H. P. Peterson, 1425 15th St., Sacramento.
Architect...Plans by Contractor.

Contractor...Campbell & Turner, 318 Ochsner Bldg., Sacramento
Filed April 18, '13. Dated April 16, '13.
TOTAL COST, \$3670

LOT 1 BLK 20, Town of Fair Oaks
One-story and basement frame bldg. Owner.....The Board of Directors of the Women's Thursday Club of Fair Oaks, Inc.

Architect...D. R. Bailey.
Contractor...D. R. Bailey.
Filed April 19, '13. Dated April —, '13.
COST, \$2475

Building Contracts.**SAN JOAQUIN COUNTY.**

BLK 23 Add'l Barnhart Tract. All work for five-room bungalow and three-story tank house.

Owner.....N. W. Kauble.
Architect...None.

Contractor...Haslou & Hansen.
Filed April 16, '13. Dated —, '13.

When completed.....\$1785
TOTAL COST, \$1785
Bond, limit, forfeit, none. Plans and specifications filed.

LOT 6 E 32ND (36) feet of Lot 4 Blk 46 West of Center St., Stockton. All work for two-story frame residence.
Owner.....R. R. Hammond, 18 E-Flora St., Stockton.

Architect...Wm. Thomas, San Joaquin Bldg., Stockton.

Contractor...D. M. Sinnett, 830 N-Van Buren St., Stockton.

Filed April 16, '13. Dated —, '13.
Entire foundation in.....\$1000.00
Building ready for plaster... 1500.00
Plastering completed..... 1750.00
Completed and accepted.... 1937.00
Usual 35 days..... 2062.50
TOTAL COST, \$2850.00

Bond, \$4125. Sureties, T. B. Littleton and John A. Inglis. Limit, none. Forfeit, none. Plans and specifications filed.

LOT 9 BLK 136 E of Center St., Stockton. All work for remodeling two-story frame residence into flats.

Owner.....Lillian Blanchard, 1045 N-California, St., Stockton.

Architect...Walter King, Elks' Bldg., Stockton.

Contractor...A. J. McPhee, 325 N-California St., Stockton.

Filed April 15, '13. Dated April 14, '13.
Foundation in.....\$400
Building enclosed.....500
Ready for plaster.....500
Completed and accepted.....500
TOTAL COST, \$2900

Bond, none. Sureties, Chris Totten and Walter C. Raub. Limit, forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTH-CALIFORNIA.

GARAGE—2 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, Charles E. Anthony. The building will cover an area of 50x156 feet, and will be arranged for sales rooms and garage. The entire building has been leased to the Packard Co. Interior of the offices and sales rooms will be finished in hardwoods, tile and marble. There will be cement floors, window sash and frames and special

gasoline storage tanks. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

FENCE CONSTRUCTION—Woven wire. Cost not stated. Fort Baker, Marin Co., Cal. Engineer, Quartermaster Dept., Fort Baker. Owners, United States Government. Bids will be opened at Fort Baker by Lieut. R. W. Pingler on May 12th for the construction of 8,000 feet of five-strand woven wire fence. Plans and specifications can be obtained from the Quartermaster's office at Fort Baker.

LIBRARY—1 story and base. Class A construction, \$30,000. Pasadena, Los Angeles Co., Cal. Architects, Train & Williams, Exchange Bldg., L. A., associated with P. M. Ashley, Pasadena. Owners, City of Pasadena. The building will cover an area of 63x65 feet and has been designed in the classic style. Construction will be of the Class A type throughout with exterior walls faced with cement plaster in imitation stone and pressed brick. Interior will be finished in oak and other hardwoods. A tile floor will be used. Steam heat and a vacuum cleaning system are specified. Plans are complete and figures will be opened on May 1st. Plans may be obtained from Train & Williams. A general contract, including everything except furniture and light fixtures, will be let.

RESIDENCE—2 story and base. **APARTMENT HOUSE**—3 story and base, frame, \$45,000. Los Angeles, Cal. Architect, Maine Building and Investment Co., Thorpe Bldg., L. A. Owner, W. W. Middlecoff. The building will contain 70 rooms, which are to be arranged in two and three room suites with private baths. Interior finish will be of pine and hardwood with hardwood floors. There will be steam heat and elevator service. A vacuum cleaning system and hot water plant will also be installed. Bath rooms will be finished in tile and cement plaster. The exterior of the building will be faced with pressed brick. All suites will have wall beds. The work will probably be carried out by the Maine Building Co.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, A. W. Rice, California Bldg., L. A. Owner, M. E. Perry. The building will cover an area of 35x105 feet, and will contain 42 rooms arranged in two and three room suites with baths. The interior will be finished in pine throughout with hardwood floors in the principal rooms. There will be furnace heat and a hot water system. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owner, Frank Eckley. The building will be erected on an inside lot and will have a frontage of 50 feet by a depth of 124 feet. Interior has been arranged for 57 apartments of two and three rooms each. Pine and hardwoods will be used for interior finish. There will be steam heat and elevator service, a hot water system and vacuum cleaning. All suites will be equipped with wall beds. The exterior of the building will be faced with pressed brick. Plans are being prepared.

APARTMENT HOUSE—3 story and

base, brick. Cost not stated. Long Beach, Los Angeles Co., Cal. Architects, Metcalf & Davies, 43 American Ave., Long Beach. Owner, Mrs. Lucia Boyd. The building will cover an area of 66x90 feet and will contain 70 rooms arranged in two and three room apartments. All suites will have wall beds and private baths. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile and cement plaster. There will be steam heat and elevator service. A vacuum cleaning system will be installed. Exterior of the building will be faced with glazed brick. Plans are now being prepared for the work.

APARTMENT HOUSE—1 story and base. Cost not stated. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owners, William M. McCartney Co. The building will be erected at the corner of Orange and Figueroa streets and will cover an area of 75x197 feet. Plans provide for a total of 138 rooms, which are to be arranged in two and three room suites with private baths. There will be steam heat, hot and cold water supply and vacuum cleaning system. All suites will be equipped with wall beds. Interior will be finished in pine and hardwoods. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

CITY HALL—2 story and base, reinforced concrete, \$260,000. Long Beach, Los Angeles Co., Cal. Architect, City Engineer E. P. Dewey, Long Beach. Owners, City of Long Beach. Preliminary sketches have been prepared for a building housing all city departments including the police and fire departments. The plan suggests a structure covering an area of 100x300 feet. Bonds are to be voted on in the near future.

CITY HALL—2 story and base. Class A construction, \$35,000. Alhambra, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, City of Alhambra. This work has been mentioned here before when plans were first out for figures. All bids were rejected and plans revised. New bids are now being called for and will be opened on May 3rd. Plans and specifications can be secured from the architects or from the City Clerk.

HOTEL—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect Frederick Noonan, Wright and Callender Bldg., L. A. Owner, N. W. Stowell. The building will be erected on Spring street just south of Fourth. There will be one store and a cafe on the first floor besides a large office, lobby and parlors. Upper floors have been arranged for a total of 275 guest rooms and 264 baths. Interior partitions will be of hollow tile and metal lath and plaster. Plans provide for three elevators, steam heat, vacuum cleaning system and circulating ice system. The exterior of the building will be faced with glazed brick and terra cotta. Working drawings are being prepared.

LIBRARY—1 story and base, brick, \$10,000. Huntington Beach, Los Angeles Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Town of Huntington Beach. The architects have just been commissioned to prepare plans for this building. There will be two public reading rooms, librarian's office and stack room. Inter-

rior will be finished in pine and hardwoods. A central heating system will be installed. The exterior of the building will be faced with pressed brick. Plans are being prepared.

CAR BARN—1 story, reinforced concrete. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Architect, H. Albion Reeves, Chamber of Commerce Bldg., L. A. Owners, Santa Barbara and Suburban Railway Co. The building will cover an area of 80x120 feet. There will be concrete floors and repair pits, steel roof trusses and metal window sash and frames. The exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.

HOTEL—12 story and base. Class A construction, \$360,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owners, Hart Bros. Contractors, F. O. Engstrom & Co., 5th and Seaton Sts., L. A. general construction only. Contract price not stated.

APARTMENT HOUSE—4 story and base, brick, \$50,000. Los Angeles, Cal. Architect, Frank M. Tyler, Hibernian Bldg., L. A. Owner, G. Rupert Johnson. Contractors, Hubbard & Gardner, Douglas Bldg., L. A. Note: The general contract only has been awarded and the work has been taken on a percentage basis.

APARTMENT HOUSE—3 story and base. Class C. Cost not stated. Los Angeles, Cal. Architects, Kysor & Higgar, Wright and Callender Bldg., L. A. Owner, J. R. Lane. Contractors, Nance & Phelps, Ferguson Bldg., L. A. Contract price not stated.

BRIDGE CONSTRUCTION—Concrete and steel. Cost not stated. San Diego, Cal. Engineer, City Engineer, San Diego. Owners, City of San Diego. The following bids were received by the city council for the construction of the old Town bridge, Woolman avenue bridge, Main street bridge, and Escondido ford: For the entire work, Chas. Steffen, \$35,900; Engineering Contracting & Construction Co., \$37,400; C. L. Hyde Construction Co., \$39,600; John Campbell, \$50,000. Separate bids were as follows: Woolman and Main street bridges, Munoz & Munoz, \$12,147; Holland Construction Co., \$12,783; Mercereau Bridge and Construction Co., \$14,880; H. D. Trounce, \$12,647, including ford; S. M. Kerns bid \$22,650 for the Old Town, and \$7,000 for the Main street bridge; J. R. McKnight, \$22,272 Old Town, \$7,288 Woolman avenue; Worcester Construction Co., \$21,600 Old Town; Robert Peyre, \$2,790 Woolman avenue; R. O. Coggeshall, \$5,910 Main street bridge and ford; S. M. Kerns, \$6,230 Woolman avenue.

HOTEL—1 story and base, reinforced concrete, \$125,000. San Diego, Cal. Architect, W. S. Keller, San Diego. Owners, Rice-Landswick Co. Contractor, T. M. Russell, 30th and Redwood streets, San Diego. Contract price, \$125,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—3 story and base, brick, \$35,000. Eugene, Ore. Architect, J. R. Ford, Eugene. Owners, Bartel-Sweeney. The building will contain 23 apartments of two and three rooms. All suites will have wall beds and private bath rooms. There will be steam heat and a vacuum cleaning system. Interior will be finished in

pine throughout. Some oak floors will be used. The exterior of the building will be faced with pressed brick. Plans are being prepared.

HOSPITAL—2 story and base, brick, \$25,000. Astoria, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Town of Astoria. The building will be built in the shape of a letter T with a main portion 40x75 feet and wing in the rear 40x10 feet. The main floor will contain a laundry, kitchen, dining and storage rooms. Upper floors will contain three large dormitories, wards, solarium, operating rooms and private rooms. There will be steam heat and a vacuum cleaning system. Interior finish will be of tile and pine. Modern equipment will be used throughout. Exterior of the building will be faced with pressed brick. Plans are being prepared.

OFFICES—2 story and base, brick and steel. Cost not stated. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Balfour-Guthrie Co. The building will be designed in the classic style and will be devoted entirely to the business of the owners. Interior will be handsomely finished after the style of banking houses. A large amount of marble, tile and ornamental iron and bronze will be used. Plans include fireproof vaults. Exterior of the building will be faced with granite. The structure covers an area of 50x80 feet. Plans are being prepared.

CHURCH—2 story and base, brick and concrete, \$35,000. Portland, Ore. Architects, Johnson & Moyer, Commercial Club Bldg., Portland. Owners, Piedmont Presbyterian Church. The building will be erected at the corner of Jarrett and Cleveland streets and will contain a large auditorium, Sunday school rooms, pastor's study, social hall and kitchen. There will be a central heating system. Interior finish will be of pine and ornamental plaster. The exterior of the building will be faced with pressed brick. Plans are complete and figures are to be taken at once.

Contracts Awarded.

CITY HALL—2 story and base, brick and steel, \$20,000. Newberg, Ore. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Town of Newberg. Contractor, G. E. Howland. Contract price, \$14,125. Note: This contract calls for the general construction only.

SEATTLE AND WASHINGTON.

RESIDENCE—2 story and base, tile and concrete, \$100,000. Vancouver, B. C. Architects, Cutter & Malmgren, Paulsen Bldg., Vancouver. Owner, C. D. Stimson, White Bldg., Vancouver. The dwelling will contain eleven sleeping rooms, ball room, gymnasium, billiard room, sun room and eight baths. Plans also provide for seven sleeping porches. Interior finish will be of pine and hardwoods and hardwood floors will be used throughout. A central heating system, probably steam, will be installed. There will be a number of open fire places with tile and marble mantels. A tile room is specified. All bath rooms will be finished in marble and tile. Exterior of the dwelling will be covered with terra cotta. Plans are being prepared.

AND ALTERATIONS—Reinforced concrete, \$100,000. Seattle, Wash. Architect, none. Owner, H. S. Amen. Contractors, MacRae Bros., Empire Bldg., Seattle. Contract price, \$100,000. The work consists of the addition of a two-story 60x130 feet reinforced concrete building under the present building, and changing the partitions, stairways, plumbing, heating, electric wiring, etc., in the existing structure. Specifications include either brick or stone facing on the addition, tile, glass, plaster, tinting, etc.

POST OFFICE—3 story and base, brick, stone and steel. Cost not stated. Pocatello, Idaho. Architect, Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans have been completed and approved for a three-story fireproof structure covering a ground area of approximately 4,500 square feet. Interior will be finished in pine and hardwoods, with tile and marble wainscoting. There will be steam heat. Interior partitions will be of hollow tile. Floors will be of concrete. Plans provide for metal window sash and frames and fireproof doors. A general contract will be let which includes the plumbing, heating electric work and lighting fixtures. Exterior of the building will be faced with cut stone, pressed brick and granite. Roof will be of tin. Bids are now being taken and will be opened on May 28th. Plans can be secured from either the Supervising Architect at Washington or from the custodian of the site at Pocatello. The official proposal appears in this issue.

COURT HOUSE—3 story and base, Class A construction, \$950,000. Seattle, Wash. Architect, A. Warren Gould, Seattle. Owners, City of Seattle. This work has been mentioned here a number of times before. Working drawings are complete and figures will be opened on May 14th. Plans can be secured from the architect. Construction will be of reinforced concrete and steel. No bid in excess of \$950,000 will receive consideration.

Contracts Awarded.

SCHOOL—3 story and base, brick and steel, \$80,359. Hoquiam, Wash. Architects, Stephen & Stephen, New York Block, Seattle. Owners, Hoquiam High School District. Contractors, Dillefsen & Gehring, Epler Bldg., Seattle. Contract price, \$80,359.

HOTEL—4 story and base, reinforced concrete, \$75,000. Seattle, Wash. Architect, W. E. Dwyer, New York Bldg., Seattle. Owner, J. P. Jones, Contractor, C. F. Martin, New York Bldg. Contract price, \$75,000.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10719. Furniture and draperies.—An American consular officer reports that a resident of his district, who is at present connected with a prominent furniture firm, desires to secure agencies from firms in the United States for house furniture, office pur-

niture, and draperies. Should satisfactory arrangements be made the inquirer intends opening an office for conducting this line of business. References are furnished.

No. 10751. Brick-making machinery.—A foreign coal company, through its managing director, has informed an American consulate that it has in its mines above the coal a hard shale which is well adapted to the making of high-grade bricks, and that the company is in the market to purchase a plant for the manufacture of bricks. The company will manufacture both fire and pressed brick, and will install a plant having a capacity of 20,000 bricks per day. In addressing the company all communications should be sent to the managing director, and should give particulars as to terms, discounts, etc. Prices should be given f. o. b. and delivered. Correspondence should be in English.

No. 10752. Street-sprinkling equipment.—An American consul reports that the local press of the city in which he is stationed has lately called attention to the faulty way in which the streets are watered. The present process, connecting a hose to stand pipes or streets mains, is slow and inefficient in that a uniform distribution of water is not obtainable. References have been made to the advantages of acquiring modern improved street sprinklers for municipal use, and it is thought that manufacturers of this line might do well to get in communication with municipal and sanitary officers named in the report and endeavor to secure orders for equipment of American manufacture. Catalogues of American street-sprinkling equipment are also desired for the files of the American consulate forwarding the report.

No. 10770. Persimmon wood, cornel wood, and hickory.—An American consular officer in the United Kingdom reports that a business firm in that country desires to be put in touch with American exporters of persimmon wood, cornel wood, and hickory, the last named to be cut to exact sizes. The inquirers are a well established concern, and at present handle large quantities of different timber, imported from the United States. The region in which this firm conducts its business is an important center for the sale of the above-named woods, and American shippers have in this inquiry an excellent opportunity to get into touch with one of the leading timber importing firms.

No. 10774. Machinery, hardware, furniture, oils, etc.—A report from an American consular officer states that a foreign business house, with branches in Africa, has requested his assistance in being placed in communication with manufacturers and exporters of products for which there is a market in African cities. This house is especially interested in agricultural machinery, hardware, wire fencing and netting, office furniture, mineral and vegetable oils, etc. Communication from exporters of these products, written in French if possible, and addressed to a director of this organization, would receive attention and might lead to the establishment of an export trade to a country of great natural resources, and which is now at the beginning of important development.

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560 Mission St. San Francisco

No. 10775. Automobile sundries.—The Bureau of Foreign and Domestic Commerce is in receipt of a communication from an American manufacturing automobiles, stating that its German representative has made known his desire to get in touch with manufacturers of automobile sundries who may desire representation in Europe. The American firm writes that this representative has disposed of a number of cars for it.

No. 10776. Tile-manufacturing machinery.—A tile manufacturer in the Far East has informed an American consular officer that he would like to receive catalogues and price lists of tile-making machinery from American firms.

No. 10778. Hardware and piece goods.—A report from an American consul states that a foreign firm desires to be put in touch with American manufacturers of hardware and piece goods, who desire to cater for the markets of British India. This firm is said to conduct a good export business in India in such goods, and also has an important business in rough tanned goat sheep skins and cow and buffalo hides.

No. 10763. Steel furniture.—The American consulate general at Cape Town, South Africa, has forwarded a copy of the notice calling for tenders for the supply, delivery, and fixing in position, where necessary, certain steel furniture for Union buildings, Pretoria. In connection with tender, which is due at or before noon of June 25, 1913, tender forms, plans, specifications, etc., may be obtained at the office of the High Commissioner for the Union of

South Africa, 32 Victoria Street, Westminster, London, England.

No. 10764. Furniture.—An American consul reports that a letter has been received from a local firm of furniture importers expressing a desire to hear from American manufacturers of furniture, consisting of bedroom and dining-room chairs, consisting of two carvers or arm chairs, six to eight small chairs, with and without couch, in various woods, unvarnished and upholstered, but in a knock-down state with slip in seats, pin-cushion style. Correspondence is also desired from a manufacturer of bas relief seats and backs, 3-ply seats and 4-ply backs. This company desires to receive catalogues prices, and terms with full trade discounts and cash discount f. o. b. American port, with measurements and particulars of packing.

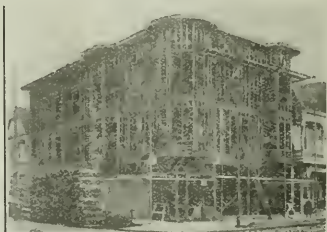
UNITED STATES CIVIL-SERVICE
EXAMINATION.

LOGGING ENGINEER (MALE).

May 19, 1913.

The United States Civil Service Commission announces an open competitive examination for logging engineer, for men only. From the register of eligibles resulting from this examination certification will be made to fill vacancies in this position in the Forest Service, Department of Agriculture, at salaries ranging from \$2400 to \$3000 a year, and vacancies as they may occur in positions requiring similar qualifications, unless it is found to be in the interest of the service to fill any

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vacancy by reinstatement, transfer, or promotion.

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1. Planning the most effective logging development of large national forest areas.
2. Determining methods and cost of logging and manufacturing national forest timber, and the market value of the products.
3. Appraising the value of stumpage for sale.
4. Inspecting and supervising the administration of timber sales.

These positions require men of broad executive capacity and initiative, and who have an established standing in regard to personal integrity and business responsibility. Applicants in answering question 28 of application and examination Form 1312 should name only persons who are able and willing to answer questions relating to their qualifications along the lines mentioned above.

It will not be necessary for applicants to appear at any place for examination. Their eligibility will be determined upon the evidence furnished in connection with the application and examination form, concerning their training and the work which they have accomplished.

At least six years' practical experience in actual woods' work and logging operations, including not less than three years' service in responsible, supervisory positions, and a thorough familiarity with the manufacturing and marketing of forest products, are prerequisites for consideration for this position.

The following, while not essential for admission to the examination, may be

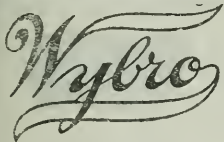


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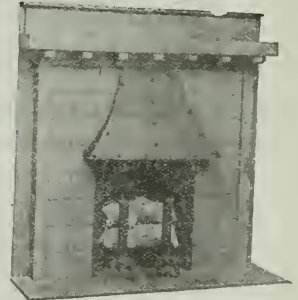
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and two in the vicinity of the Keena's farm.

The canal is nine feet wide at the bottom, nine feet deep and fifteen feet wide at the surface.

WEEKLY REPORT OF THE BUREAU OF BUILDING INSPECTION.

Permits issued from April 11th to April 18th, 1913:

Class	No. of Bldgs	Amount
Class "F".....	1.....	\$200.000
Class "C".....	4.....	96,500
Frames.....	14.....	225,905
Alterations.....	64.....	37,940
Total.....	115.....	\$560,345

WORK ADVANCES ON P. G. & E. CANAL.

BOWMAN (Placer Co.), April 26.—That the bonding of lands in this vicinity by the Pacific Gas and Electric Company is to secure a large reservoir site is indicated by the location of the land.

J. Adams is said to have received \$13,500 for 100 acres and George Haines \$1500 for two small farms. J. Keena is asserted to have been paid \$1000 for a right of way for a 100-foot tunnel for the canal.

A part of the Alverson farm, which has been bonded, is staked out for a power plant, it is stated, similar to the Alta and Newsaette power houses.

Mrs. Smith, of Rock Creek, has rented her large dance hall to the company for a hospital.

A steam shovel has been operating above Ragsdale's farm, south of there,

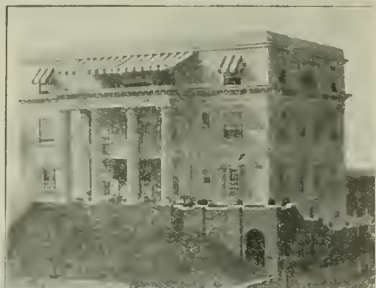
considered in the rating of the competitors: (1) Collegiate training in engineering or forest utilization; (2) Practical experience in engineering, surveying, and in the laying out and construction of railroads; (3) Practical experience in the manufacture and marketing of forest products.

Statements as to training, experience, and fitness are accepted subject to verification.

Applicants must have reached their thirtieth but not their fifty-fifth birthday on the date of the examination.

This examination is open to all men who are citizens of or owe allegiance to the United States and who meet the requirements.

Persons who meet the requirements and desire this examination should at once apply for Form 1312 to the United States Civil Service Commission, Washington, D. C., or the Secretary of the Board of Examiners, Post Office Bldg., San Francisco, Cal.



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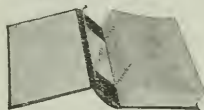
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BOTH THE OWNER and the Architect are particularly interested in all kinds of building materials, power and heating systems, building specialties, every accessory that goes into their project. Every issue of the Building and Industrial News contains hundreds of new building and construction reports giving the names and addresses of both the owner and the architects. Both the owner and architect receives a copy of the Building and Industrial News containing mention of their individual job conspicuously marked. Thus the builder and the architect have in their hands not only the news items of their particular project, but also the announcements and the advertisements of energetic business men who have goods to sell that are necessary to construct and equip the undertaking. **IS YOUR ADVERTISEMENT AMONG THESE?**



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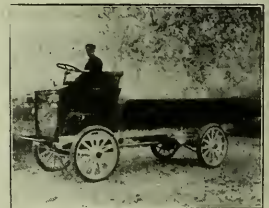


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Issued Weekly, \$3.00 per year

San Francisco, MAY 6, 1913

Thirteenth Year No. 18

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Editorial Comment.

Building construction for the past month kept up a pretty even record for the year. In spite of proposed reductions in the tariff, a threatened war with Japan, and the visit of Secretary of State with reference to alien land laws the total of permits secured and contracts filed for last month amounted to \$2,249,332. This was for private construction alone and to this may be added the contracts filed for exposition work, which amounted to \$586,915 which increased these figures to \$2,836,247. But even the total fell behind the figures of last year, as April 1912 reached more than 3 million for private construction with no exposition work figured. Comparative figures for April for the past ten years are as follows:

April, 1904	.....\$1,614,714
April, 1905	.....2,226,555
April, 1906	.....817,084
April, 1907	.....6,556,007
April, 1908	.....3,306,676
April, 1909	.....3,330,909
April, 1910	.....3,383,269
April, 1911	.....2,139,696
April, 1912	.....3,435,334
April, 1913	.....2,249,332

As a usual thing April has figured large in the year's construction. This is presumably the close of the rainy season and marks the opening of Spring and of settled weather. So that there is assured weather conditions and plans are usually consummated for improvements that are to be undertaken during the year. Of the total of \$2,249,332 here given, \$1,221,514 was for brick and concrete construction, \$842,418 was for frame buildings and \$182,400 came under the heading of additions and alterations. At this writing the amount of work for the City and County of San Francisco for the month of April can not be given. The State Board of Harbor Commissioners let no work during April and the contracts of the United States Government within the city limits did not amount to more than \$50,000. All things considered building has been normal during the month and indications are that it will continue so throughout the year.

The Southern Pacific Company has printed and is distributing some literature relative to California and the wonders of California and the Pacific Coast. One booklet, entitled "Big Trees of California" is profusely illustrated with half tones of the most striking scenes in Big Tree groves of the State and the cover is a most artistic poster in color design of the great monarchs of the mountains. They also publish a map of California with a brief description of its resources, attractions, topography and climate. The booklets describing the trains and the country

are fine examples of the printer's art. These publications are being widely distributed and are worthy of perusal by any one.

There seems to be an attitude throughout the country to the effect that California has not a right to regulate her own affairs in the matter of immigration laws. This is true only insofar as the action of California is likely to involve other states in any action she may take.

So long as California acts within her rights and the privileges granted her by the Constitution she is not in any way involving other states any more than she has a right to involve them. The Japanese would perhaps not object if any other state in the Union enacted a law similar to that of California. The fact is that this state is peculiarly attractive to the Japanese. And in the matter of landholding the thing is all one sided. Americans can not hold lands in Japan and yet they are raising all kinds of Cain over there and threaten to come over and whip the boots off us if we presume to enact a law to prevent further holding of land by aliens.

This matter of immigration needs attention. The vast horde that lands each year at New York is mainly composed of undesirable citizens. The time is past when this country is a wilderness to be developed and a haven to be sought by any and every one.

Only such immigration should be encouraged as will assimilate with our citizenship and only those allowed to come who are capable of becoming good citizens, and taking an intelligent part in the government. America for the Americans is the primary consideration for our government to look at at the present time.

The recall of Judge Weller in the Police end of the City's department of justice ought to have a salutary effect upon the judges in general. For the practices obtaining in the police courts are any thing but commendatory and fair to the general public. The particular incident that was the basis of the recall may or may not have been sufficient ground for the action. It was but a case in point for the practices which obtain there and the movement instituted should have some effect in securing regular procedure in the courts of justice.

The completion of the Masonic Temple, at Van Ness avenue and Market street, will mark the completion of the most beautiful piece of architecture in the city. It is a monumental structure and adorns the broad avenue of the city in the vicinity of the Civic Center. If the Civic Center buildings compare with this edifice, when they are completed, the city will have a standard of architecture of which it can well feel proud.

How To Understand And Appreciate Art—The Attitude Of The Intelligent Onlooker.

By Ramsey Traquair, Royal British Institute.

I propose this evening to consider some general questions affecting art, and that as an appreciator or an onlooker rather than as a producer. The greater part of our time in this college is necessarily spent in studying and practicing the production of works of art. Such is the primary purpose of the College of Art, and we who study art look forward to spending our lives in the production of art in various forms—in buildings, pictures, statues or other objects.

But there is another point of view, and even as artists it is desirable that we should understand it. It is the attitude of the intelligent onlooker, and though he may never produce anything himself, desires to understand and appreciate the work produced by others.

Appreciation is not a mere matter of caprice, we must not be satisfied by saying, "This pleases me," "that does not." The question of what pleases us may decide what works of art we

place in our house, what kind of house we will live in, or what scenery we will admire, but our mere personal pleasure is not a sufficient standard by which to judge all art, for a work may not please us and yet be great. By a little study we learn to feel more fully and to recognize and find pleasure in qualities which at first were not apparent. Even as artists we should understand and practice appreciation, and a sympathy with others is of value in completing and in enriching our own work.

Sympathy and criticism are in some way necessary and are felt to be helpful by the artist. He is not a hermit in the desert, and I think that we may safely say that every true artist belongs to some group, however small. It may be but a group of two, himself and his critic.

But we are not only artists, we are human beings, and fellow-workers in the life of humanity. This fact is not altogether popular in some circles at the present time, yet it is an undeniable fact and must be faced. Unless it is of some use to humanity, unless it makes life better and richer, humanly, it passes by. The artist is too often presented to us as an irresponsible and an interesting alien to be regarded (as Professor Murray says) with a mixture of adulation and mistrust.

Art is a luxury to be added to ordinary common-sense life, but which we could quite well do without. The falsehood of this view is evident to every artist, but do we realize that it is the direct outcome of the artist's demand to be treated apart from humanity, and to stand apart from and above the common life? As a result he is only too often placed below it. Even genius does not so stand apart, for genius is not a quality which falls solely from Heaven, it is humanity itself. A genius is great, not because he differs from humanity, but because he embraces so much humanity. Indeed, it is commonly said of genius that it reveals us to ourselves, yet how could it do so unless it were similar to ourselves? If

genius were a separate and peculiar quality, the greatest artists would be quite incomprehensible. They would differ utterly from all men. Now we know that this is not the case. Indeed, this claim that artistic genius is something peculiar is actually degrading to the object, for it converts the genius from a great man to a mere monstrosity. And what applies to genius applies also to the lesser grades of artistic merit. The artist is and must be a fellow-worker in the state and must learn to sympathize with and to appreciate those who work beside him, must learn to criticise and to accept criticism not only from artists but from all who are honest workers in life.

I have said that art is one and that under all forms of art, there lies a common principle. The human mind is capable of two forms of knowledge, a scientific or intellectual form, and an emotional or imaginative form.

If, for instance, I use the word "tree" you will all understand what I mean, a large vegetable with roots, leaves, and a wooden stem. But if I ask you to imagine a tree each of you would imagine a different object—one a pine, one an oak, another a palm tree. The scientific concept of a tree is an intellectual idea which comprehends all trees. It is a species of intellectual "tree-ness," without individuality and incapable of being imagined. The emotional vision of a tree, on the contrary, is individual, separate and unlike every other tree. It is incapable of scientific description, but capable of artistic rendering. We cannot draw "horsiness" for instance, we can only draw a horse. No artist can convey to you the chemical means by which a tree converts air and earth into green leaves and wood. No scientist can tell you how the sunshine glints on its leaves and the wind murmurs through its branches, but the artist can tell you how these things affect him. If he does so in paint he is a painter, if in words a poet.

The actual poem or picture which we see is the record of an impression in the mind of the artist and is composed of certain materials, as paint, words or stone, according to the particular craft practiced by the artist. These materials are very largely what we study in a school of art, and it will be useful to consider strictly what they are.

First, we have the substances and tools which we manipulate. The painter has his canvas, his paints, his brushes; the sculptor his stone, his clay, and his chisel; the poet his words. Of these, we must learn the various possibilities and capabilities. The architect must learn that columns can be made of steel; the sculptor that models can be made of clay. This elementary knowledge, but necessary. Next we have technique—the manner in which the paint is put on the canvas or the pencil guided on the paper, the manner in which stone can be cut to form mouldings and to give particular effects of light and shade. This is a more difficult study. It takes many years of practice to place the paint

mark unerringly in the right place or to use the words of the poem with their fullest meaning, and all great artists have to a great extent developed and produced their own technique. Still, this is not art; no dexterity of technique will ever produce a great work of art. It is a necessary material.

Third, we have the objects of external nature. Of course we are natural objects, and the human mind is natural, but we can make the distinction between human activity and nature external to it, the sky, the fields, and the flowers, and it is in this sense that we will use the term "nature." It is easily seen that in certain arts nature may be

Two May 1 HOYT
ture is material. Although we may use natural forms in designing a cup, the form of the cup is based not on nature but on the necessity of drinking therefrom, and perhaps we do not realize that natural forms are as truly materials in art as are stones or paint. The painter studies the forms of the hills, of trees, of flowers, of the human figure, in order that he may use them to express emotion, just as the architect studies the forms of arches, of columns, or walls, the craftsman the forms of cups or chairs, the poet the forms of phrases and rhythms, in order that each may clothe therein his emotion.

We accordingly have three divisions, at least, of material—the substances of art, the technique, and the natural forms. The materials the artist must combine and arrange to form his work of art, whether he be painter, poet, or architect, and with all of them his mind must be well stocked; the painter must know how to make paint marks, the architect how to shape stones, and the poet, not unfrequently, has been known to read and to learn the dictionary.

It is generally agreed that any work of art is the creation of the artist's mind. It is not a transcript from nature; it is not a copy of a previous work; it is a new creation or arrangement made up of materials, perhaps often used before, such as we have just considered. These materials are rearranged so as to form and present the artist's idea, his vision, in the most forceable manner possible.

Now if we consider we shall see that the artist's vision is itself made up of these materials. It is conceived in his mind as made of paint, of stone, of natural form, or of what other material he pleases. We can therefore simplify our definition of a work of art. It is simply the artist's emotion inwardly realized in the materials of his craft. Being formed in the materials of the craft, it cannot be formed unless the artist has a knowledge of these materials. The "mute inglorious Milton" is, in fact, an impossibility for we cannot think like Milton without Milton's power of expression. Vague yearnings are not art. Before they can become art, they must be crystallized within the artist's brain in terms of paint, stone or other material; but if any man has clear vision, his vision includes technique and form and ma-

ed. An uncertain picture or a poor building is the result of uncertain or ignorant vision.

Every one who has ever designed knows how such a vision arises. We give some design to make, some artist-problem to solve. Our first vague format feelings work and evolve in our mind. Almost involuntarily and even at the most unexpected moments emotions suggest themselves. We try them, but at once they are seen to be satisfactory. They are not the idea that are thrown aside. Suddenly, often without warning, the solution comes. We know that the problem is solved. A rough sketch may be noted down, now as a test of the solution but later as an aid to our memory, for reality nothing now remains to be done but to copy down our work, holding firmly by our now realized ideal, striking it out, filling in the necessary details, all of which, if we hold by our first conception, will almost automatically fit themselves to their places, the visible and external work of which is finished.

So powerful is the initial impulse of work so conceived that we often feel a sensation that the picture or building is designing itself. The artist must be but the instrument in the hands of his own production. The sculptor knocks the stone away from a form which already exists within the stone; the novelist in haste writes down the events which must happen, most are happening, to his puppets. Work so done is direct, is done with art rapidly and rarely requires correction. It is usually the best of which the artist is capable, and possesses to an unlooker a curious quality of "infallibility."

We have defined a work of art as the artist's emotion realized in the materials of his craft and have considered the manner in which this realization takes place. The emotion itself must be based on or excited by something. We have heard it said that all art is based on nature—that is on external nature; but though nature is undoubtedly an important base for the fine art, the general statement is not sound consideration. We have already seen that in some cases, as in the design of a cup, nature is a material.

Architecture, for instance, is not based on natural form, it is often based on structure. The arch may occur in new isolated natural accidents, but is not used in nature as a natural form. The column and lintel are the result of the rudest effort to form a shelter, but nature never produced a column and lintel except by accident, and the combination cannot be called natural form.

Again, whilst our emotions may be stirred by nature and by structure, they may also be inspired by purely human sources. From such we gain emotions of pity, of fear, of tenderness, of pride, and as all emotion may serve as the basis or the starting point for artistic vision, so art may be based on such emotions. The arts of architecture, music, and poetry are often so. Each of the work which we have to do belongs to the past, and here historical knowledge becomes of importance. In order to understand the feelings of any period we must understand the motives which led to it.

No people do us owe more of our modern culture than to the ancient

Greeks. Not only directly through classical study, but indirectly through Greek writings in the Bible and through Greek influence on Roman and mediæval civilization, they have profoundly influenced our present life. Their art was of extraordinary perfection and the motives which produced it are well worthy of study. I have already spoken of the Greek attitude towards the artist as a fellow-worker in the state. If we examine Greek life and literature further, we find the greatest emphasis laid upon simplicity, temperance and refinement. A vulgar profusion was as objectionable as a vulgar meanness. It was as ostentatious to go clad in rags as to array oneself in gold and purple. Greek language, Greek dress, Greek poetry, and Greek architecture are alike absolutely simple.

Again the Greeks were clear and accurate thinkers and disliked anything approaching vagueness or mystery. We accordingly shall be disappointed if we seek for mystery in a Greek temple. It is not there and was never meant to be. If by chance any feeling of mystery had crept in, it would have been carefully eradicated.

We may contrast this with Oriental art. The Eastern mind loves profusion, elaboration and mystery. Persian poetry is elaborate and Persian art is florid. If we wish to understand the art of the East we must accept this; more, we must revel in it. Every thousand black slaves of surpassing beauty, loaded with basins of gigantic jewels, added to a procession in the "Arabian Nights" must be an added joy. Elaboration is not a vice in Eastern art; it is its greatest virtue.

So with mediæval art. The artist did not for a moment imagine that St. Peter went about Heaven with two enormous keys, or that St. Sebastian was condemned to an eternal salvation filled with arrows; but so they are always represented. Otherwise we should not recognize them.

In every case the artist expressed his ideal and told his story with absolute frankness and without hesitation. We must ask him for no more than he gives. We must not ask for atmosphere, for anatomy for historical realism. That such things were desirable had not even occurred to him.

Now, since mediæval times, a great change has come over our civilization.

Classicism arose, and all branches of it were wrapt in a meaningless pedantry. In architecture no forms were to be used save those sanctified by the example of the Greeks and Romans; in painting, sculpture, and even in literature, the same principle was followed and art seemed bound in an iron chain, not of tradition, but of intellect—of knowledge. Such was, of course, an impossible position, for art cannot be based on intellect, but only on emotion; and indeed we find that the great works of the Classic period are great, not because they copied faithfully the details of Classic work, but because they convey the feelings of eighteenth century artists. St. Paul's Cathedral is a great work of art, not because it is Classic, but because it is Wren. Under this weight of intellect, architecture still suffers. One critic tells us that our only hope of progress lies in a faithful study of the buildings of ancient Greece and Rome; a second plus his faith to an equally faithful study of Gothic. Apart from

his business qualities, with which we are not now concerned, the architect is expected to be rather a scholarly antiquary than an artist. Yet who would expect a modern poet to write alternately in the styles of Chaucer and of Pope, retaining with care in each case the archaisms of his model? Who would commission a portrait in the style of Van Dyke? We see from other arts that the alternative to historic "correctness" is not unlicensed eccentricity; yet from the architect is demanded alternately that strange quality of "correctness," and that even stranger phenomenon, "a new style."

Whilst recognizing that all art is founded on emotion we must not be led by this belief to despise or to underrate the power of intellect. A high intellectual training is necessary to the artist. His emotions must be trained by his intellect; they must be curbed, restrained, and developed by intellect; and only by intellect can he amass that store of material which is necessary to the realization of his completed work of art. We must also understand the quality of fine artistic emotion. It is not the mere untrammelled play of fancy or passion. The emotion of our great artists is often ascetic, always highly tempered and refined. The results of untrained and unlicensed emotionalism are at the best bad art. The results of pure intellectualism may be great, but they are not art at all.

We often hear a picture, particularly an historical picture, praised on account of its accuracy of detail, its verisimilitude, and the care with which every costume has been studied from museums, every face made to recall contemporary portraits. Now is this art? It is, indeed, art of a peculiarly modern type, for it is art flooded and submerged by intellect. In this it truly represents our present age. In fact, it is not art at all. It may be science, though even here, as the painter never saw the occurrence, it is bound to be inaccurate, and therefore only bad science. Such works depend for their value on the human emotion felt and expressed, and where such emotion is present accurate detail may go and not be missed. The mediæval artist boldly depicted monks and bishops as spectators of the Crucifixion; his work is often greater than that of the modern artist who paints his background in Jerusalem. The one painted an everlasting truth; the other, too often, merely a tortured man. Verisimilitude, archaeological and topographical accuracy are not necessary to art. They may be present in great art, but its greatness is not due to their presence. Holman Hunt, for instance, devoted years to the accumulation of accurate detail. Yet "The Scapegoat" or "The Flight into Egypt" are great pictures almost in spite of the Eastern background of the one and the accurate costuming of the other. Holman Hunt however considered that accurate detail was necessary to clothe his ideal, and whether we find pleasure in such detail or not, whether, indeed, we consider his detail always accurate, for he saw things with a peculiar vision, we need not let this blind us to the greater qualities of his work.

I have already spoken of architecture, and of the value or otherwise of "correctness" in buildings. Similarly let us think of poetry. There is no art more incorrect to the facts of nature as regarded by science. Thus

Keats in the "Ode to the Nightingale": "Happily the Queen Moon is on her Throne, clustered around by all her starry fays." As astronomy this is hopeless, as art it is great, for Keats is using nature as she was used by the mediaeval artist, as material for the expression of human emotion—the emotion which he felt in a moonlight night. In "Hamlet" Polonius, when urging Laertes to set sail, says, "the wind sits in the shoulder of your sail," a phrase not to be understood of a meteorologist, but expressing with wonderful force the urgency of Polonius' wishes. It is this touch of emotion and of imagination which is the essence of art.

What I have tried to express to you does not mean that nature is to be depicted, or that accuracy is a vice—very far from it, only that accuracy, in itself, is not an artistic virtue. It is only so in so far as it conveys and is part of the artist's vision; only that nature is not the sole motive and subject of art. It is only one motive, though a great one amongst many. Art is concerned with all human life and will be content with nothing short of that.

This introduces us to the claim of art for art's sake, a saying which can be interpreted in various ways, for it is evident that the word "art" is used in two different meanings in the one sentence. If it means that art should be exercised from the desire for external expression of a deeply felt emotion, not for the sake of notoriety or gain, nothing could be more true. Often, however, it is taken to mean picture making for the sake of the observation of nature and confined to motives directly inspired by nature. Such a claim is impossible. It is too narrow, for it excludes from art all architecture, all poetry, all drama, most mediaeval and classic art of any kind. It is not directly fatal to the artist, for great art may be created even in the narrowest of schools. It is absolutely fatal to the critic. He must understand and sympathize with varied styles and motives.

All art is one, its object is the transmission of an emotional image and thereby of the feelings which created that image. Poetry and music convey that image through the ear, for even when we read poetry we hear ourselves speak it. Architecture, sculpture and painting convey it through the eye. Such a classification is genuine, but how can we separate those arts whose appeal is made through the eye, save by the materials which they use? Painting, architecture, and sculpture are separate, because they form themselves in different materials.

Yet painting, in special, is divided into decorative painting and, again I hesitate, undecorative painting? Decorative painting, I gather, is marked by an absence of light and shade, a frequent archaism of drawing, and is, in general, an inferior article. Yet the paintings of Michael Angelo in the Sistine Chapel or the frescoes of Fra Angelico in San Marco are amongst the finest works of human genius which the world has seen. The whole of the early Italian School was decorative. The sculptures of the Parthenon were designed as decoration and can only be understood as such. Indeed, the only art which is not decorative is intellectual art, and that is not art at all. The distinction is im-

possible; even pictorial art does not gain by being surrounded by a gold frame and by having no connection with its surroundings. The artist's opportunities are as great on a church wall as in a studio, indeed they may be greater, and no art suffers by its opportunities, even we disguise them as limitations.

Both in the creation and in the appreciation of art the first essential is a clear internal vision. This is the true work of art; the appreciation of it is true criticism. This includes all material, all technique, for technique beyond the vision is mere juggling. To attain this we must study and understand not merely our own art but all art; we must not confine ourselves to the mere accumulation of material, the learning of tricks of draughtsmanship, or the collection of archaeological and scientific facts; we must train and develop our emotions. Material, tech-

nique, and knowledge are necessary without them we shall have nothing wherewith to form our works of art and the greater our knowledge or technique, the fuller will be the works which are formed from it. The purpose of art is not the exhibition either of manual dexterity or of knowledge, it is the expression of certain human emotions and must be judged and appreciated by the quality of its feeling and we must remember that the artist is a man sharing in the life work of other men. His work is no mere luxury, it is a necessary part of human life. The artist is not an alien or a hermit. He does not stand outside humanity. He is not peculiar. He is a man amongst other men, and his work has never been better expressed than it was by the Greek writer: We are here "to make gentle the life of the world."

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Harry Skidmore, Foxcroft Bldg., S. F. Owner, Mr. Burnhardt. The building will be erected on Carl street near Schrader, and will be arranged for a number of three and four room suites with baths. Interior finish will be of pine and hardwood. Some hardwood floors will be used. There will be a central heating system. Tile will be used in the bath rooms. All suites will have wall beds. The exterior of the building will be covered with shingles and rustic. Plans are being prepared.

SAN FRANCISCO—Apartment house, 2 story and base, brick. Cost not stated. Architect, John J. Foley, 46 Kearny St., S. F. Owner's name withheld. The building will be arranged for a French laundry on the first floor and a number of two and three room suites above. Interior will be finished in pine. The exterior of the building will be faced with marble and brick. Special laundry machinery will be installed. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, M. S. Shaw. The building will have a frontage of 32 feet and a depth of 83 feet. The building has been arranged for six apartment flats of three and four rooms each with bath. Interior finish will be of pine with some elm panels. All suites will have wall beds. Hardwood floors will be used in the principal rooms. There will be a central heating system. The building will be erected at the northwest corner of Larkin and Green streets. The exterior will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel, \$60,000. Architects, Dunn & Kearns, Monadnock Bldg., S. F. Owner, A. Schiel-

cher. This building, which has been mentioned here before, will be erected on the north line of Geary street east of Larkin, and will cover an area of 47½ feet by 125½ feet. Plans provided for 41 apartments of two and three rooms and bath each. All modern conveniences will be installed. Plans have been out for figures and segregate contracts will be awarded within a few days.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, W. I. Bush. The building will be erected on a corner site, and will be arranged for two and three room suites with bath. Interior finish will be of pine and hardwood with hardwood floors. There will be a central heating system and wall beds. Tile will be used in the bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, R. J. O'Connell. The building will be erected at the corner of 40th and Diamond streets, and will cover an area of 43x105 feet. Interior will be arranged for eight suites of three room and bath each. All suites will have sleeping porches and will be fitted with wall beds. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. A central heating system will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

OAKLAND, CAL.—Apartment house, 2 story and base, concrete. Cost not stated. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, R. J. Morse. The building will be erected at the corner of 40th and Op streets, and will be arranged for two stores on the first floor and two and three room suites on the upper floor. Interior will be finished in pine and hardwood. There will be connect-

(ths and wall beds. Tile will be used in the bath rooms. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

ST. HELENS, ORE.—Apartment house, 2 story and base. Cost not stated. Architect, Ernest Kroner, Forrester Bldg., Portland. Owner, J. C. Ramsey. The building will cover an area of 57x90 feet. The entire first floor will be arranged for a store and upper floor will be divided into four-room suites. All apartments will have all beds and connecting baths. Interior finish will be of pine. There will be steam heat and elevator service. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

PORTLAND, ORE.—Apartment house, 1 story and base, reinforced concrete, \$70,000. Architect, J. S. Atkins, Henry Bldg., Portland. Owner, W. B. Bull, Journal Bldg. The building will cover an area of 100x100 feet. The first floor will be arranged for the office, lobby, social rooms and a public dining room. Upper floors will be divided into suites of two, three and four rooms each. All apartments will have wall beds and private bath rooms. Plans provide for steam heat, elevator service, hot and cold running water and a vacuum cleaning system. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and the wainscot. The exterior of the building will be faced with cement plaster. Plans are being prepared.

LAS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architects, Frain & Williams, Exchange Bldg., L. A. Owner, Mrs. George J. Bey. The building will occupy a corner site and will cover an area of 60x115 feet. Interior has been arranged for 100 rooms, which will be divided into two and three room suites. All apartments will have connecting baths and wall beds. There will be steam heat, elevator service, hot water plant and a vacuum cleaning system. Interior finish will be of pine and hardwoods. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, J. P. Parth. The building will cover an area of 50x100 feet and will contain 54 rooms arranged in two and three room suites. All apartments will have wall beds and private bath rooms. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat, elevator service and a vacuum cleaning system. The exterior of the building will be faced with pressed brick. Plans are now being prepared for the work.

LOS ANGELES, CAL.—Apartment houses, 2, 3 story and base, frame, \$50,000. Architect's name not given. Owner, H. M. O'Malley, Pacific Sash and Door Co., 3310 So. Main St., L. A. Each of these buildings will be arranged for 36 suites of two and three rooms and bath. Interior will be handsomely finished in pine, mahogany and other hardwoods. There will be steam heat, elevator service and a vacuum cleaning system. All suites will have wall beds. The exteriors will be covered with ce-

ment plaster on metal lath. Plans are complete and the work will be done by Day Labor.

PORTLAND, ORE.—Factory, 4 story and base, reinforced concrete. Cost not stated. Architect, John Graham, Lyon Bldg., Seattle, associated with Doyle, Patterson & Beach, Portland. Owners, Ford Motor Car Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price not stated.

Contracts Awarded.

SAN FRANCISCO.—Apartment house, 4 story and base, brick and steel, \$10,000. Architect, C. S. McNally, Mechanics' Institute Bldg., S. F. Owner, Mr. Woods. Contractor, P. J. Lynch, Mo-nadnock Bldg., S. F. Contract price not stated.

CHURCHES.

CROWS LANDING, STANISLAUS CO., CAL.—Church, 2 story and base, frame, \$20,000. Architect, John J. Foley, 46 Kearny St., S. F. Owners, Roman Catholic Church. This building has been mentioned here a number of times before. Plans for the structure are now nearly complete and figures will shortly be called. The main auditorium will have a seating capacity of 400 people. Interior finish will be of pine and ornamental plaster. The exterior of the building, which has been designed in the Spanish Colonial style, will be covered with white cement plaster on metal lath. Two galvanized iron towers will be used.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and tower, brick and steel. Cost not stated. Architects, Frank T. Kogley associated with T. Foster Ena, Consolidated Realty Bldg., L. A. Owners, Roman Catholic Church, Father James A. Reardon, pastor. The building will cover an area of 84x124 feet. The main auditorium will seat 700 people. Interior finish will be of pine, hardwoods and ornamental plaster. A central heating system will be installed. Construction will be of brick and steel with two steel frame towers. The exterior will be faced with pressed brick. Plans are being prepared.

VISITATION VALLEY, SOUTH SAN FRANCISCO, CAL.—Church, 1 story and base, concrete and frame, \$25,000. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Saint Elizabeth's Parish Catholic. Only a part of the building will be undertaken this year. The basement and a main hall will be built at a cost of about \$10,000. Two transepts will be added later. Plans are now being prepared and construction will be started within a month. The exterior of the building will be faced with cement plaster. Interior finish will be of pine and ornamental plaster. Plans provide for a meeting room, auditorium and gymnasium to be built first.

BAKERSFIELD, KERN CO., CAL.—Church, 1 story and base, concrete and brick, \$30,000. Architect, Edward T. Foulkes, Crunker Bldg., S. F. Owners, First Congregational Church of Bakersfield. This new building will be erected on Chester avenue and will cost in the neighborhood of \$30,000. The architect has just received the commission and no details of the work have been given out. Full particulars will appear in the next issue of the Building and Industrial News.

FRESNO, FRESNO CO., CAL.—Church, 2 story and base, frame and concrete, \$20,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, St. Alphonsus Church, Redemptorist Fathers. The building will be designed in the Romanesque and Mission style with the exterior covered with cement plaster on metal lath. Main auditorium will have a seating capacity of 700 people. Father Weber is in charge of the work. It is the ultimate intention of the Redemptorist Fathers to establish a Catholic college in Fresno, and plans will be prepared for a number of buildings which will be erected after the completion of the church. Plans for the church have been completed and construction will be started shortly.

Contracts Awarded.

MODESTO, STANISLAUS CO., CAL.—Church, 1 story and base, frame, \$25,000. Architect, John J. Foley, 46 Kearny St., S. F. Owners, Roman Catholic Church. Contractor, James McLaughlin, 244 Kearny St., S. F. Contract price, \$20,700. A complete list of the bids opened for this work appears under the heading of Fresno, Modesto, Stanislaus and Central California in this issue.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Warehouse, 5 story and base, reinforced concrete, \$100,000. Architect, Capt. A. O. Powell, Central Bldg., Seattle. Owners, Port of Seattle Commission. The building will be erected at the foot of Bell street. Construction will be fireproof throughout. Freight elevators will be installed and metal window sash and frames and fireproof doors will be used. The building is the first of several big structures which will be erected by the Port of Seattle Commission. Plans are now being prepared and figures will be advertised for shortly.

SEATTLE, WASH.—Warehouse, 6 story and base, reinforced concrete, \$100,000. Architects, Franklin Engineering Co., Hoge Bldg., Seattle. Owner, Mrs. Weisner. The building will be erected at the corner of Westlake and Harrison streets and will cover an area of 120 feet square. Construction will be fireproof throughout and will embrace all of the latest devices in warehouse construction. Interior partitions will be of hollow tile and metal lath and plaster. There will be fireproof doors, metal window sash and frames and an automatic sprinkler system. Elevators and spiral chutes will be used. The exterior of the building will be faced with cement plaster. Plans are being prepared.

PORTLAND, ORE.—Factory, 5 story and base, brick and steel, \$70,000. Architects, Root & Hoose, Commercial Bldg., Portland. Owners, Modern Confectionary Co. This building has been mentioned here before when plans were first started. Working drawings are complete and bids are being taken. The building will cover an area of 70x100 feet, with a one-story addition 30x100 feet in the rear. Plans include elevator service and a steam heating plant. Interior finish will be of pine. There will be fireproof doors, metal window sash and frames and metal lath and plaster interior partitions. The exterior of the building will be faced with pressed brick. Segregated figures on all parts of the work are being taken.

FLATS.

SAN FRANCISCO. Flats, 2 story and base, frame, \$1,000. Architects, H. Gellfuss & Son, 46 Kearny St., S. F. Owner, W. Ehlers. The building will be erected at the corner of Kearny and Vallejo streets, and will cover an area of 20x51 feet. The interior has been arranged for two modern flats of four and five rooms each with bath. Interior finish will be of pine with some elm panels. There will be open fire places and tile mantels. Tile will also be used in the bath rooms. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO. Flats, 2 story and base, frame, \$3,500. Architect, none. Owner, C. S. Howe, 110 Old St., S. F. The building will cover an area of 25x 60 feet, and will contain two modern flats of five and six rooms each. All interior finish will be of pine. Some oak floors will be used. There will be open fire places and brick or tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

OAKLAND, CAL. Flats, 2 story and base, frame, \$8,000. Architects, Newsum & Dixon, 312 Broadway, Oakland. Owner, Mr. Gattway. The building has been designed to contain four flats of four rooms and bath each. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

GARAGES.

LOS ANGELES, AL. Garage, 1 and 2 story and base, brick and steel, \$40,000. Architect, none. Owner, F. O. Jean, 452 Ardmore avenue, L. A. The building has been designed for a commercial garage and will cover an area of 100x 155 feet. Construction will be of brick and steel with metal window sash and frames, concrete floor and steel roof trusses. A special gasoline storage tank will be installed. Interior finish will be of pine with some marble and tile. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL. Garage, 2 story and base, reinforced concrete, \$55,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Huntington Land and Improvement Co. Contractors, Richards-Neustadt Construction Co., Wright & Callender Bldg., L. A. Contract price, \$55,000.

GOVERNMENT WORK AND SUPPLIES.

Pocatello, Idaho, Public Building.

All bids received February 25 by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office at Pocatello, Idaho, have been rejected. New bids for the construction of the above building will be opened May 28.

Phoenix, Ariz., Furniture.

The contracts for installing files and bookcases in the U. S. post office and court house at Phoenix, Ariz., have been awarded to the Globe-Wernicke Co. of Washington, D. C., at \$1,026 90 and the Shaw-Walker Co. of Washington, D. C., at \$1,498.15.

Reclamation, Los Angeles, Valves.

The following bids were received at the office of the U. S. reclamation service, Los Angeles, Cal., April 1 for furnishing two 48-inch butterfly valves for the Minatore reservoir, North Platte project:

Coffin Valve Co., Boston, Mass., \$920; time, 30 days.

The Chapman Valve Mfg., Indian Orchard, Mass., \$1,100; 60 days.

S. Morgan Smith Co., \$1,110; 60 days.

Pittsburgh Valve Foundry and Construction Co., Pittsburgh, Pa., \$1,450; 7 weeks

Fulton Engine Works, Los Angeles, Cal., \$2,030; 60 days.

Allis-Chalmers Co., Los Angeles, Cal., \$2,080; 75 days.

The Pelton Water Wheel Co., San Francisco, Cal., \$3,370; 60 to 90 days.

Baker City, Ore., Door.

The bid of the American Revolving Door Company, 2512 West Monroe street, Chicago, Ill., \$550 in amount, was the only one received on April 16 by the supervising architect, Treasury Department, Washington, D. C., for furnishing and installing revolving door, etc., in the U. S. post office at Baker City, Ore.

Yards and Docks, Cranes.

The contract for furnishing two cranes at the navy yard, Puget Sound, Wash., and six cranes for the naval station, Pearl Harbor, H. T., has been awarded to the Brown Hoisting Machinery Co., Cleveland, Ohio, at \$74,350.

Canal Circular 763.

The purchasing officer of the Isthmian Canal Commission has advised prospective bidders, under circular No. 763, bids for which are to be opened on May 14, that if they desire to do so data called for under the specification, except prices, may be submitted in separate sealed envelopes marked "For information of commission, not to be made public."

Prospective Bidders.

Pearl Harbor, Hospital, May 10.
Ed. O. Hamilton, 24th and Farnam streets, Omaha, Neb.

Connors Bros. Co., Lowell, Mass.
W. N. Cannon Co., Monadnock Building, San Francisco, Cal.

Crane Co., Washington, D. C.
Kearny & Mattison Co., Ambler, Pa.
Sound Construction and Engineering Co., Seattle, Wash.

Southwestern Construction Co., Los Angeles, Cal.

Pearson Construction Co., 754 New York Block, Seattle, Wash.

Federal-Huber Co., Chicago, Ill.

Killbourn & Jacobs Mfg. Co., Broad Exchange Building, New York city.

E. A. Branda & Co., 11 Broadway, New York city.

Seattle Car and Foundry Co., Seattle, Wash.

Jackson Manufacturing Co., 114 Liberty street, New York city.

Standard Steel Works, Morris Building, Philadelphia, Pa.

Norman B. Livermore & Co., Bailey Building, Seattle, Wash.

Snaubling Construction Co., Portland, Ore.

Hackfield Co., San Francisco, Cal.
Honolulu Iron Works, 29 Broadway, New York city.

Cranes, Puget Sound, May 3.

Pawling & Harnischfeger Co., Milwaukee, Wis.

Cutler-Hammer Mfg. Co., Milwaukee, Wis.

Northern Engineering Works, Detroit, Mich.

Niles-Bement-Pond Co., 111 Broadway, New York city.

Maine Electric Co., Portland, Ore.

Exeter Machine Works, Pittston, Pa.

General Electric Co., Schenectady, N. Y.

Brown Hoisting Machinery Co., Cleveland, Ohio.

Modern Steel Structural Co., Waukegan, Wis.

Butte Engineering and Electric Co., 633 Howard street, San Francisco, Cal.

William Sellers & Co., 1600 Hamilton street, Station J, Philadelphia, Pa.

Whiting Foundry and Equipment Co., Harvey, Ill.

MacArthur Concrete Pile and Foundation Co., 11 Pine street, New York city.

Wonham, Sanger & Bates, 141 Milk street, Boston, Mass.

SAN FRANCISCO. Electric work and light fixtures. Cost not stated. Architect, none. Owners, United States Government. Supervising Superintendent J. W. Roberts, Post Office Building, will receive bids on May 28th for the reconstruction of the electric conduit system and for furnishing lighting fixtures in the United States Appraisers Building. Plans can be obtained from Mr. Roberts. The official proposal appears in another column of this issue.

HALLS AND SOCIETY BUILDINGS.

PORTLAND, ORE. Lodge hall, 4 story and base, brick and steel, \$50,000. Architects, Claussen & Claussen, Macleay Bldg., Portland. Owners, Portland Social Turn Verein. The building will be erected on 13th street between Main and Jefferson streets, and will be designed with a number of large social rooms and lodge halls. A feature of the building will be the main banquet hall and gymnasium. Plans include steam heat, elevator service and a vacuum cleaning system. The exterior will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

HOSPITALS.

SAN FRANCISCO. Hospital addition, 1 story and base, reinforced concrete, \$18,000. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. This building, which has been designed for a disinfecting building, will be erected at the Letterman General Hospital at the Presidio of San Francisco. Construction will be of reinforced concrete throughout. Considerable tile will be used. A large amount of special equipment will be installed. Plans are complete and figures are being taken. Bids will be opened at Fort Mason on May

6th. Plans and specifications can be secured from the Constructing Quartermaster's office.

SAN FRANCISCO—Nurses' quarters, 3 story and base, reinforced concrete, \$80,000. Architect, Constructing Quartermaster, Fort Mason, Owners, United States Government. This building will cover an area of 80x136 feet and will be designed in three wings with connecting passageways. Interior will be finished in pine and hardwoods. Bath rooms will have cement floors and tile wainscot. Steam heat will be furnished from the central plant at the Letterman General Hospital. Exterior of the building will be faced with cement plaster. Plans are nearly complete. Probably only one wing of the building will be erected this year.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, reinforced concrete, \$50,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, Hansen and Johnson, 110 Jessie St., S. F. The building will be erected on Turk street east of Dodge. The first floor will be arranged for a number of stores besides the hotel entrance and lobby. Upper floors will contain 100 guest rooms and 68 baths. Plans include steam heat, hot and cold running water and elevator service. Interior finish will be of pine and hardwoods. Ornamental plaster will be used in the lobby. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick and terra cotta. The work will be done by Day Labor.

SAN FRANCISCO—Hotel, 4 story and base, brick and steel, \$25,000. Architect, Lewis M. Garduer, Phelan Bldg., S. F. Owners, Lange Investment Co. The building will be 25x100 with an L in the rear 25x46 feet. There will be stores on the first floor and a number of single rooms on the three upper floors. All rooms will have hot and cold running water. There will be steam heat and elevator service. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN DIEGO, CAL.—Hotel, 6 story and base, reinforced concrete. Cost not stated. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owner, Dr. Fred Stauffer. The building will be erected on a corner site and will cover an area of 100x100 feet. A large hotel lobby, dining room with complete kitchen equipment and two store rooms will occupy the first floor. There will be a restaurant and storage space and heating plant in the basement. Upper floors will be arranged for 126 guest rooms and 85 baths. Plans include steam heat, elevator service, a vacuum cleaning system and hot and cold water plant. Interior finish will be of pine and hardwood. Bath rooms will have tile floors and wainscot. Patent store fronts and metal window sash and frames are specified. The exterior of the building will be faced with cement plaster. A lease on the entire building has been made with Mrs. Florence C. Thorbus.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, R. M. Jackson, Consolidated Realty Bldg., L. A. Owner, Mr. Sarotti. The building has been de-

signed for a commercial hotel and will cover an area of 50x150 feet. There will be stores besides the hotel lobby on the first floor and a number of single rooms with baths on the upper floors. Plans include elevator service, steam heat and a vacuum cleaning system. Interior finish will be of pine throughout with some ornamental plaster in the lobby. All rooms will be supplied with hot and cold running water. Exterior of the building will be faced with pressed brick. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 6 story and base, reinforced concrete. Cost not stated. Architect, R. M. Taylor, Douglas Bldg., L. A. Owner, Jacob Joseph. The building will be arranged for four stores and the hotel office and lobby on the first floor and 110 guest rooms on the upper floors. The building will cover an area of 100x120 feet. About 75 per cent of the guest rooms will have connecting baths. Interior finish will be of pine and hardwood. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Metal window sash and frames will be used. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel, 2 story and base, brick, \$20,000. Architect, James T. Narbett, Richmond. Owner, Mrs. Whiten. Contractors, T. Park Jacobs Co., Richmond. Contract price, \$20,000.

LIBRARIES.

ALBANY, ORE.—Library, 1 story and base, brick and steel. Cost not stated. Architect, W. F. Tobey, Sherlock Bldg., Portland. Owners, Albany Carnegie Library Association. The building will contain two public reading rooms. The design is in the classic style with exterior faced with pressed brick trimmed with stone. Interior finish will be of pine and hardwood. Plans are being prepared. A central heating system will be installed.

Contracts Awarded.

TORRANCE, IMPERIAL CO., CAL.—Library, 1 story and base, concrete and brick, Cost not stated. Architect, P. D. Farquhar, Van Nuys Bldg., L. A. Owners, Town of Torrance. Contractor, B. D. Krounack, 3900 So. Hill St., L. A. Note: This contract has been taken on a percentage basis.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Manufactures Building, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the Manufactures Building have been completed and are now out for figures. Separate bids will be taken for the general construction and for the installing of the plumbing, water and sewer pipes. Bids will be opened on May 13th. Plans and specifications can be secured from the Director of Works at the Service Building. Official proposal appears in another column of this issue.

SAN FRANCISCO—Moving buildings. Cost not stated. Architect, Director of

Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on May 8th by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. for the removal of the four quartermaster buildings now situated on the Presidio wharf. The work will include moving the buildings and resetting the same. Plans and specifications can be secured from the Director of Works. Official proposal appears in another column of this issue.

SAN FRANCISCO—Excavating and piled road construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific Exposition Co. Two sets of bids were opened Thursday afternoon by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. One set of bids is for grading of the Municipal Auditorium, which is to be erected in the Civic Center by the Exposition Co. at a cost of over a million dollars. E. M. Huie & Co., were low for the excavating at \$32,018. Other bids were for the improvement of the Fulton basin by the construction of a piled roadway from Divisadero to Broderick street. Healy-Tibbitts Construction Co. were low at \$6,920. No contracts were awarded. A complete list of these figures appear under the heading of San Francisco in this issue.

SAN FRANCISCO—Liberal Arts building, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened on Tuesday afternoon by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. for the construction of the Liberal Arts Building and for the plumbing, water and sewer pipes on the same building. Reese & Rountree and Lange & Bergstrom were both very low on the general construction, but no award has been made. Separate bids were taken for the general construction with lumber furnished by the Exposition Co. and for the contractor furnishing both labor and lumber. A complete list of these figures appears in this issue under the heading of San Francisco.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect, Joseph Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. The dwelling has been designed for an eight-room house with bath. Interior will be finished in pine and redwood with hardwood veneer. Hardwood floors will be used throughout. Plans provide for furnace heat and an automatic water heater. There will be two open fire places with brick mantels. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic shingles and brick veneer. Plans are complete and the work will be done by Day Labor. Mr. Leonard is now purchasing all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph M. Geary, 23rd and Folson Sts., S. F. Owners, Parkside Home Building Co. The house will contain seven rooms, baths and a sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining

room and reception hall. Tile will be used in the bath room and kitchen. There will be furnace heat and open fire places. Mantels will be of tile or brick. The exterior of the house will be covered with shingles and klinker brick veneer. Plans are complete and work will be done by Day Labor under the direct supervision of the architect.

SAN FRANCISCO—Residence, 2 story and base, frame, \$5,000. Architect, Joseph Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be largely of hardwood with some pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Brick mantels will be used in the living and dining rooms. Plans provide for an automatic water heater. Bath room will have tile wainscot. The exterior of the building will be covered with rustic, shingles and brick veneer. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$7,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Matthew A. Little, 1347 4th Ave. The house will be erected on 17th avenue near Lake street, and will be of the two-story and attic type. Interior will be handsomely finished in pine, hardwood and white enamel. There will be furnace heat and open fire places. Hardwood floors will be used throughout. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic, cement plaster on metal lath and klinker brick veneer. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$4,000 each. Architect, none. Owner, E. B. Hallett, 1259 12th Ave., S. F. These houses will be erected on 15th avenue east of Balboa street, and each house has been designed to contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in all of the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic, shingles and cement plaster on metal lath. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$10,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Matthew A. Little, 1347 4th Ave., S. F. The house will be erected on 17th avenue, 200 feet north of Lake street, and has been designed for a ten-room house with baths and sleeping porch. Interior finish will be largely of hardwood with some pine and white enamel used. Hardwood floors will be used in nearly all of the rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete

and in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$25,000. Architect, Louis M. Upton. Mutual Savings Bank Bldg., S. F. Owner, George D. Greenwood. This dwelling has been mentioned here several times before. Plans for the work have been out for figures and the architect will award a contract for the construction within the next few days.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$12,000. Architect, Harris Allen, 2514 Hillegass Ave., Berkeley. Owner, Alice Skyes. The dwelling will be erected in the Northbrae Tract and will contain in the neighborhood of nine rooms and several baths. There will also be two sleeping porches and a garage. Interior will be finished in pine, hardwoods and white enamel. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Hardwood floors will be used in the living, dining room and reception hall. Exterior of the house will be covered with shingles. Plans are complete and figures are now being taken by the architect.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, W. H. Ratcliffe, First National Bank Bldg., Berkeley. Owner, T. M. Sherman. The house will be erected at the corner of Dwight Way and Piedmont avenue, and will contain twelve rooms, two baths and a sleeping porch. Interior finish will be of pine, hardwoods and white enamel. There will be furnace heat and open fire places. Mantels will be of brick and tile. All floors will be of oak except in the bath rooms which will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, Patrick Nelson Co., 2025 Addison St., Berkeley. The house will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer in the living and dining rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor. The owners are now purchasing all materials.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$2,200. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, R. A. McWilliams. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout with hardwood floors in the living and dining rooms and reception hall. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath and shingles. Plans are complete and the work will be done by Day Labor.

MILL VALLEY, MARIN CO., CAL.—Residence, 2 story and base, frame,

\$25,000. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The dwelling will contain fourteen rooms, three baths and a conservatory. Interior will be finished in pine, hardwoods and white enamel. There will be hot water heating system and open fire places. Mantels will be of brick and tile. Tile will be used in all bath rooms and in the kitchen. A garage will be erected on the lot. An automatic water heater and a vacuum cleaning system will be installed. Exterior of the house will be covered with cement plaster on metal lath. A red clay tile roof is specified. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, 1 and 2 story frame. Cost not stated. The following Day Labor jobs have been reported as about to be started in Stockton: 1 story frame dwelling for J. H. Wender, 120 East Magnolia Ave., Stockton. Cost, \$1,800; 1 story frame dwelling for C. J. Wytelt, 307 West Poplar St., Stockton, cost, \$2,000; and 2 story frame dwelling for Dr. Robert Hammond, 18 East Flora St., Stockton, cost, \$8,250.

Contracts Awarded.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$27,500. Architect, F. M. Tyler, Black Bldg., L. A. Owner, George A. Ralphs. Contractor, F. J. Phillips, 3735 South Grand Ave., L. A. Contract price, \$27,500.

SCHOOLS.

SAN FRANCISCO—School, 2 and 3 story and base. Class A construction. Cost not stated. Architects, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids for the finishing construction on the Academic Building of the Polytechnic group were opened by the Board of Public Works on Wednesday last. M. M. Finlayson was low bidder on all the alternative propositions for the general construction as follows. (a) \$156,000, (b) \$196,892, and (c) \$312,490; J. H. Pinkerton was low on the plumbing at \$24,764; the Pacific Fire Extinguisher Co. were low on the electric work at \$18,150; F. W. Walsh was low on the heating and ventilating at \$14,300, and John G. Sutton was low on the boilers and equipment at \$23,300. Awards have not been made. A complete list of the figures presented appears in this issue under the heading of San Francisco.

OAKLAND, CAL.—School, 2 story and base. Class A construction, \$160,000. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans have been approved for the Durant School, which is to be located on West street between 28th and 29th streets. The building will contain 18 class rooms and an assembly hall. Construction will be fireproof throughout. The exterior of the building will be faced with pressed brick and cement plaster. Bids will be called for the work very shortly.

Contracts Awarded.

OAKLAND, CAL.—School, 2 and 3 story and base, reinforced concrete, \$397,037. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Williams Bros. & Henderson, Holbrook Bldg., S. F. Contract price, \$397,037.

SEWERS, STREET WORK AND WATER SYSTEMS.

PENDLETON, ORE.—Water system, pumping plant and mains, \$200,000. Engineer, Frank C. Kelsey, Selling Bldg., Portland. Owners, City of Pendleton. The system will embrace about sixteen miles of water mains, two reinforced concrete reservoirs of 1,000,000 gallons capacity each and a concrete pumping station. Bonds have been sold and bids for the construction will be called for within a short time. Plans, specifications and complete information can be secured from Engineer Kelsey.

STORES AND OFFICES.

SAN FRANCISCO — Office fixtures, hardwood, \$3,000 to \$1,000. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners, Pillsbury, Madison & Sutro. Plans are being prepared for fittings, interior finish and fixtures for the elaborate offices which are to be opened on the 10th floor of the new Standard Oil Building by Attorneys Pillsbury, Madison & Sutro. All finish will be of hardwood. Plans are being prepared.

SAN FRANCISCO—Stores and lofts, 3 story and base, brick. Cost not stated. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mr. Jacobs. The building will be erected on Drumm street in the wholesale district. The first floor will be arranged for stores and the upper two floors for light lofts. Interior finish will be of pine. Plans provide for metal window sash and frames. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Stores and offices, 7 story and base. Class A construction. Cost not stated. Architects, Ross & Lurgren, 310 California St., S. F. Owners, Forbes Estate. The building will be erected on the new gore corner formed by the extension of Fulton street through the Civic Center to Market street. The building will have a frontage of 96 feet on Market street and 116 feet on the proposed extension of Fulton street. The first floor will be arranged for a number of stores fronting both Market and Fulton streets. Upper floors will be subdivided into modern offices. Construction will be Class A throughout with a complete steel frame and exterior wall faced with pressed brick or terra cotta. Preliminary plans only have been prepared.

OAKLAND, CAL.—Stores and lofts, 2 story and base, brick, \$15,000. Architect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris and Muller. The building will be erected on 14th street east of Grove, and will contain stores on the first floor and large light lofts above. There will be a freight elevator. Interior finish will be of pine. There will be metal window sash and frames. The exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

FOURTEEN MAY 3 HOYT
OAKLAND, CAL.—Office building, 11 story and base. Class A construction. Cost not stated. Architects, L. R. Dutton & Co., Chronicle Bldg., S. F. Own-

ers, First Trust and Savings Bank, Oakland. The building will be erected at the corner of 16th and San Pablo avenue, and has been mentioned in these columns before. A contract for the steel work has been let and bids are now being taken for the general construction. The building will contain the banking quarters of the owners, which will occupy nearly the entire ground floor and basement. Upper floors will be arranged for modern offices both as single offices and ensuite. Plans provide for steam heat, elevator service, mail chutes and a vacuum cleaning system. There will be a complete steel frame with concrete and brick walls faced with pressed brick and terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. Some metal trim will be used. Halls and corridors will be wainscoted with tile. Interior of the banking rooms will be finished in marble, tile, hardwoods, bronze and ornamental plaster. A general contract will be let shortly.

LA GRANDE, ORE.—Stores and offices, 3 story and base, brick and steel. Cost not stated. Architects, Whidden & Lewis, Lewis Bldg., Portland. Owners, C. S. Jacobsen and N. K. West. The building will occupy a corner site and is to cover an area of 60x110 feet. Plans provide for several stores on the first floor, and offices above. Interior finish will be of pine throughout. There will be metal window sash and frames. An elevator will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

THEATRES.

TURLOCK, STANISLAUS CO., CAL.—Theatre, stores and offices, 2 story and base, brick and steel, \$45,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Turlock capitalists. The building will be erected on Main street and will be arranged for two stores and a theatre on the first floor. Upper floor will be subdivided into offices. The main auditorium of the theatre will have a seating capacity of 750 people. Interior will be finished in pine and ornamental plaster. Complete stage equipment will be installed. There will be a central heating system. The exterior of the building will be faced with pressed brick. Plans are being prepared.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 775—Proposals for Dynamite, Copper Wire, Ingot Copper, Brass Tubing, Bronze, Steel Chain, Track Bolts, Track Spikes, Boat Spikes, Washers, Nails, Tacks, Plate Zinc, Rope Clips, Drills, Taps, Wrenches, Files, Vises, Shovels, Chain Blocks, Buckets, Paint Brushes, Scrubbing Brushes, Machetes, Pickaxes, Grease Cups, Oilers, Water Coolers, Ladders, Chairs, Door Mats, Cars, Signal Flags, Emery Cloth, Sash Cord, Clank Line, Cheesecloth, Vitriol Sewer Pipe, Turpentine, Paints, The Plugs, Bolts, Lumber and Piles.—Sealed proposals will be received at the office of the general purchasing office, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., May 17, 1913, at which time they will be opened in public for furnishing the above mentioned arti-

cles. Blanks and general information relating to this circular (No. 775) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR STREET WORK.
OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 7th day of May, 1913, for doing the following street work, including the furnishing of the necessary labor and materials therefor, to wit:

(1) That Clayton street between Seventeenth street and Parnassus avenue be improved by constructing granite curbs where not already constructed, and by paving the roadway thereof with an asphalt pavement, consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface where not already constructed, except on that portion thereof required by law to be kept in repair by the railroad company having tracks thereon.

(2) That Fifth avenue, between Anza and Geary streets (except that portion required by law to be kept in repair by railroad companies having tracks thereon) be improved by the construction of granite curbs and asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, where not already so done.

(3) That the crossing of Third avenue and Cornwall street be improved by the construction of a bituminous rock pavement consisting of a 6-inch concrete foundation and a 2-inch bituminous rock wearing surface, and by resetting to official line and grade the existing granite curbs and brick cess pools (catchbasins) that are not already at official line and grade.

(4) That the intersection of Ashbury and Clayton streets be improved by constructing granite curbs and artificial stone sidewalks on the angular corners thereof, and by paving the roadway thereof with an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, except on that portion required by law to be kept in repair by the railroad company having tracks thereon.

(5) That Ashbury street from Downey street to Clayton street be improved by constructing granite curbs where not already constructed, and by paving the roadway thereof with an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, except on that portion thereof required by law to be kept in repair by the railroad company having tracks thereon.

(6) That the intersection of Ashbury street and Downey street be improved by constructing granite curbs and artificial stone sidewalks on the angular corners thereof, and by paving the roadway thereof with an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, except on that portion required by law to be kept in re-

A Notable Type Of Concrete Floor Construction.

pair by the railroad company having tracks thereon.

(7) That Twenty-seventh avenue between Lake street and West Clay street, be improved by the construction of granite curbs, where not already constructed, and by paving the roadway with an asphalt pavement consisting of a six (6) inch concrete foundation and a two (2) inch asphaltic wearing surface, where not already constructed.

(8) That the crossing of Anza street and Twelfth avenue be improved by constructing granite curbs and artificial stone sidewalks on the angular corners thereof with an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, and by constructing a brick cesspool (catchbasin) with cast-iron frame, grating and trap and 10-inch vitrified, salt-glazed, iron-stone pipe culverts on the northwesterly angular corner thereof.

(9) That Twenty-first avenue, between California and Clement streets, be improved by constructing granite curbs, where not already constructed, and by paving the roadway thereof with an asphalt pavement consisting of a 6-inch concrete foundation and a 2-inch asphaltic wearing surface, where not already constructed.

(10) That Sixteenth avenue, between Fulton and Cabrillo streets, be improved by constructing granite curbs, where not already constructed, and by paving the roadway thereof with a bituminous rock pavement, consisting of a 6-inch concrete foundation and a 2-inch bituminous rock wearing surface, with a 7-foot strip of basalt block pavement along the center line of the street where not already constructed.

(11) That Stanyan street opposite the intersection of Rivoli street be improved by the construction of granite curbs and a pavement of bituminous rock, consisting of a 6-inch concrete foundation and a 2-inch bituminous rock wearing surface on the roadway thereof; and by the construction of one (1) brick catchbasin with a cast-iron frame, grating and trap and 10-inch, vitrified, salt-glazed, iron-stone pipe culverts, and that the intersection of Stanyan and Rivoli streets be improved by the construction of granite curbs and artificial stone sidewalks and brick catchbasins with cast-iron frame, gratings and traps and 10-inch, vitrified, salt-glazed, iron-stone pipe culverts on the northeasterly and southeasterly angular corners thereof; and by the construction of a bituminous rock pavement, consisting of a 6-inch concrete foundation and a 2-inch bituminous rock wearing surface on the roadway thereof.

Note: Separate proposals must be submitted for each of the above described pieces of work. Official proposals can be secured from the Board of Public Works.

PROPOSALS FOR STREET WORK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 7th day of May, 1913, for doing the following street work, including the furnishing of the necessary labor and materials therefor, to wit:

The Monumental granite bank building for the "Savings Union Bank of San Francisco," now called the "Savings Union Bank and Trust Company," was completed in 1909 by the F. M. Garden

ample for future development of the business. However, the addition of the "Trust" Department and the extremely rapid growth of the Bank, necessitated the addition of more vault



Fig. 1—"Savings Union Bank & Trust Company Building.

Co., General Contractors, Bliss & Faville being the Architects and Galloway & Markwart, Consulting Engineers. The Bank, comprising as it does, three

space and to obtain this, use was resorted to of the space under the immense Dome which is seen quite prominently, in the exterior view of the Bank, given under Fig. 1. The

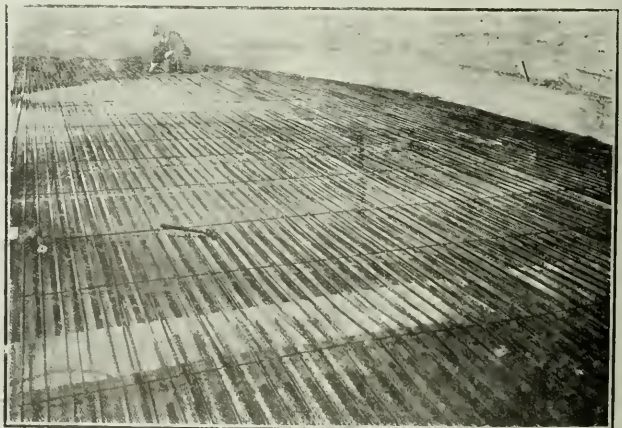


Fig. 2—Showing "Self-Sentering" in place ready for concrete.

space on the third floor, which was utilized by the American Bankers Association, is now given over to the "Trust" Department, the American Bankers Association having moved to the Mills Building, and the space under the arched Dome proper, which had before this not been utilized, is now being built over into vault space for filing of records, etc., and it is with the floor which was adopted for this portion of the building, that the present article deals.

The beams for a possible floor, were put in place when the building was first constructed; the spans being six foot centers and the floor which is now under course of construction, is composed of "Self-Sentering" which serves

Sentering" being quite sufficient to withstand ordinary floor loads; 24 gauge "Self-Sentering" was used in the construction, illustration No. 3 showing the form of the metal very closely. At the six foot span mentioned, only one temporary shore was placed between beams, to avoid undue deflection during the placing of the concrete and you will note in illustration No. 3 that the metal is so stiff that the men could walk on the "Self-Sentering" with impunity during construction.

The Frank M. Garden Company, who were the General Contractors for the Bank Building in 1909, are also doing the work on the "Savings Union Bank & Trust Company" Building, under discussion in the present article.

Note: Separate proposals for each of the above described pieces of work must be submitted. Official proposals can be secured from the Board of Public Works.

PROPOSALS FOR WEATHER STRIPPING.

METAL WEATHER STRIPPING—Office Chief Quartermaster, Fort D. A. Russell, Wyo.—Sealed proposals will be received at this office until 11 a. m. May 7, 1914, for furnishing material and labor and installing approximately 14,561 linear feet of metal weather stripping in doors and windows of public buildings at this post. Further information furnished on application. J. A. COLE, maj., Q. M. corps, U. S. A.

NOTICE TO CONTRACTORS.

OFFICE OF SUPERINTENDENT OF REPAIRS, 403 Post Office Building, San Francisco, Cal., May 1, 1913. SEALED PROPOSALS will be received at this office until 12 o'clock noon on the 28th day of May, 1913, and then opened, for the reconstruction of the electric wiring system, lighting fixtures, etc., at the U. S. Appraisers Building, San Francisco, Cal. in accordance with drawings and specifications which may be obtained at this office.

J. W. ROBERTS,
Supervising Superintendent. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M. Thursday, May 8, 1913, for the moving and resetting of Quartermaster's Stores Nos. 1, 2, 3 and 4, now situated at Presidio wharf, in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 208 Service Building, Fillmore and Chestnut Streets, San Francisco.

By order of the Buildings and Grounds Committee

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the Board Room No. 415 Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M. Tuesday, May 13, 1913, for the construction of a Lath House in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied

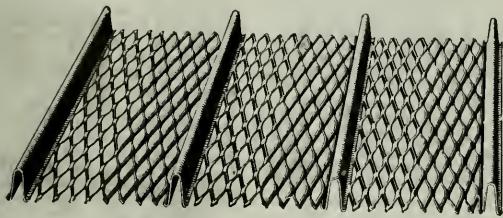


Fig. 3.—Showing "Self-Sentering."

both as reinforcement and forms. This and the double advantage not only of saving the needless cost of wooden forms, which would be wasted once the concrete had set, but did away with the unnecessary noise of the carpenters at work, which would have been almost impossible to endure in a bank building.

The "Self-Sentering" was merely id on the beams, as will be noted in illustration No. 2, the concrete on top being done in the usual manner. Owing to the fact that the floor could be used as a vault and therefore could stand an extremely heavy load, after iron rods were added between every rib of "Self-Sentering;" or in other words, at $3\frac{1}{2}$ inch spacing. For ordinary floor, this of course would have been unnecessary, the "Self-

Bliss & Faville are the Architects and M. C. Couchot is Consulting Engineer.

It is of course, well known that wooden forms are one of the most expensive items of reinforced concrete and the most useless, inasmuch as they are no part of the building, once the concrete has set. It is therefore not surprising that "Self-Sentering" construction, which serves both as forms and reinforcing, should have attained such a wide use throughout the East and is now coming so rapidly into use on the Pacific Coast. Its economy in the case of fireproof roofs, being especially marked, a notable instance being the new Wigwam Theatre, W. H. Crim, Architect; J. R. Cahill, General Contractor, and H. A. Chalmers, Inc., doing the roof work.

(1) That an 8-inch, vitrified, salt-glazed, iron-stone pipe sewer with 24 branches and 3 brick manholes with cast-iron frames and covers and galvanized wrought-iron steps be constructed along the center line of Grandview avenue from the center line of Twenty-first street, produced, to the center line of Twenty-second street, produced; that a 12-inch vitrified, salt-glazed, iron-stone pipe sewer with 5 Y branches and one brick manhole with cast-iron frame and cover and galvanized wrought-iron steps be constructed along the center line of Twenty-first street, produced, from the center line of Grandview avenue to the westerly line of North street, produced; and that a 15-inch vitrified, salt-glazed, iron-stone pipe sewer with 2 Y branches be constructed along the center line of Twenty-first street from the westerly line of North street, produced, to a point 4 feet easterly from the easterly line of North street, produced.

(2) That the following vitrified, salt-glazed, iron-stone pipe sewers and manholes be constructed: A 12-

inch with 7 Y branches along the center line of Charter Oak avenue from the northerly line of Burrows street, produced, to a point 137.75 feet northerly therefrom; a 12-inch with one Y branch along the center line of Charter Oak avenue between the northerly and center lines of Burrows street, produced; an 18-inch with one brick manhole with cast-iron frame and cover and galvanized wrought-iron steps along the center line of Charter Oak avenue between the center and southerly lines of Burrows street, produced; an 18-inch with 14 Y branches and one brick manhole with cast-iron frame and cover and galvanized wrought-iron steps along the center line of Charter Oak avenue from the southerly line of Burrows street, produced, to the center line of Egbert avenue, produced; an 18-inch with 15 Y branches along the center line of Egbert avenue from the center line of Charter Oak avenue to the northwesterly line of Phelps street, and an 18-inch along the center line of Egbert avenue between the northwesterly and center lines of Phelps street.

by a certified check payable to the order of the Panama-Pacific International Exposition Company, or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 267 Service Building, Fillmore and Chestnut Streets, by depositing \$5.00 in cash, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at

Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California at 10.30 A. M. Thursday, May 20, 1913, for Furnishing, Erecting and Erecting the Structural Steel and Cast Iron Work of the Exposition Auditorium Building in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 267 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

floors will be used in all of the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath rooms and kitchens. Automatic water heaters will be installed. Exteriors will be covered with rustic shingles and cement plaster or metal lath. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

RESIDENCE—2 story, attic and base frame, \$10,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Matthew A. Little, 1347 4th Ave., S. F. The house will be erected on 17th avenue, 200 feet north of Lake street, and has been designed for a ten room house with baths and sleeping porch. Interior finish will be largely of hardwood with some pine and white enamel. Hardwood floors will be used in nearly all of the rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath and rustic. Plans are complete and in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

RESIDENCE—2 story and base frame, \$25,000. Piedmont, Alameda Co. Cal. Architect, Louis M. Upton, Mutual Savings Bank Bldg., S. F. Owner, George D. Greenwood. This dwelling has been mentioned here several times before. Plans for the work have been out for figures and the architect will award a contract for the construction within the next few days.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Harry Skidmore Foxcroft Bldg., S. F. Owner, M. Burnhardt. The building will be erected on Carl street near Schader, and will be arranged for a number of three and four room suites with baths. Interior finish will be of pine and hardwood. Some hardwood floors will be used. There will be a central heating system. Tile will be used in the bath rooms. A suites will have wall beds. The exterior of the building will be covered with shiplap and rustic. Plans are being prepared.

APARTMENT HOUSE—2 story and base, brick. Cost not stated. San Francisco. Architect, John J. Foley, Kearny St., S. F. Owner's name withheld. The building will be arranged for a French laundry on the first floor and a number of two and three room suites above. Interior will be finished in pine. The exterior of the building will be faced with marble and brick. Special laundry machinery will be installed. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architects, A. F. and O. M. Rousseau. Monadnock Bldg., S. F. Owner, M. Shaw. The building will have a frontage of 32 feet and a depth of 83 feet. The building has been arranged for apartment flats of three and four room each with bath. Interior finish will be of pine with some elm panels. A suites will have wall beds. Hardwood floors will be used in the principal rooms. There will be a central heating system. The building will be erected at the northwest corner of Lark and Green streets. The exterior will

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph Leonard, Phelan Bldg., S. F. Owners, Urban Realty Co. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be largely of hardwood with some pine and white enamel. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Brick mantels will be used in the living and dining rooms. Plans provide for an automatic water heater. Bath room will have tile wainscot. The exterior of the building will be covered with rustic shingle and brick veneer. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$7,000. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Matthew A. Little, 1347 4th Ave., S. F. The house will be erected on 17th avenue near Lake street and will be of the two-story and attic type. Interior will be handsomely finished in pine, hardwood and white enamel. Tile will be furnace heat and open fire places. Hardwood floors will be used throughout. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with rustic cement plaster on metal lath and klinker brick veneer. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$1,000. San Francisco. Architect, Joseph Leonard, Phelan Bldg., S.

F Owners, Urban Realty Co. The dwelling has been designed for an eight-room house with bath. Interior will be finished in pine and redwood with hardwood veneer. Hardwood floors will be used throughout. Plans provide for furnace heat and an automatic water heater. There will be two open fire places with brick mantels. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic shingles and brick veneer. Plans are complete and the work will be done by Day Labor. Mr. Leonard is now purchasing all materials.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, Joseph M. Geary, 23rd and Folsom Sts., S. F. Owners, Parkside Building Co. The house will contain seven rooms, baths and a sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living room, dining room and reception hall. Tile will be used in the bath room and kitchen. There will be furnace heat and open fire places. Mantels will be of tile or brick. The exterior of the house will be covered with shingles and klinker brick veneer. Plans are complete and the work will be done by Day Labor under the direct supervision of the architect.

RESIDENCES—1, 2 story and base, frame, \$4,000 each. San Francisco. Architect, E. B. Hallett, 1255 12th Ave., S. F. These houses will be erected on 47th avenue east of Balboa street, and each house has been designed to contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood

be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—6 story and base, brick and steel, \$60,000. San Francisco. Architects, Dunn & Kearns. Monadnock Bldg., S. F. Owner, A. Schleicher. This building, which has been mentioned here before, will be erected on the north line of Geary street east of Larkin, and will cover an area of $47\frac{1}{2}$ feet by $125\frac{1}{2}$ feet. Plans provide for 41 apartments of two and three rooms and bath each. All modern conveniences will be installed. Plans have been out for figures and segregated contracts will be awarded within a few days.

APARTMENT HOUSE—3 story and base, frame, \$12,000. San Francisco. Architects, A. F. and O. M. Rousseau. Monadnock Bldg., S. F. Owner, W. K. Bush. The building will be erected on a corner site and will be arranged for two and three room suites with baths. Interior finish will be of pine and hardwood with some hardwood floors. There will be a central heating system and wall beds. Tile will be used in the bath rooms. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

CHURCH—2 story and base, frame, \$20,000. Crows Landing, Stanislaus Co., Cal. Architect, John J. Foley. 46 Kearny St., S. F. Owners, Roman Catholic Church. This building has been mentioned here a number of times before. Plans for the structure are now nearly complete and figures will shortly be called. The main auditorium will have a seating capacity of 400 people. Interior finish will be of pine and ornamental plaster. The exterior of the building, which has been designed in the Spanish Colonial style, will be covered with white cement plaster on metal lath. Two galvanized iron towers will be used.

CHURCH—1 story and base, concrete and frame, \$35,000. Visitation Valley, South San Francisco, Cal. Architect, John J. Foley. 46 Kearny St., S. F. Owner, St. Elizabeth Parish, Catholic. Only a part of the building will be undertaken this year. The basement, a main hall, will be built at a cost of about \$10,000. Two transepts will be added later. Plans are now being prepared and construction will be started within a month. The exterior of the building will be faced with cement plaster. Interior finish will be of pine and ornamental plaster. Plans provide for a meeting room, auditorium and gymnasium to be built first.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architects, H. Gelfuss & Son, 46 Kearny St., S. F. Owner, W. Ehlers. The building will be erected at the corner of Kearny and Vallejo streets, and will cover an area of 20x51 feet. The interior has been arranged for two modern flats of four and five rooms each with bath. Interior finish will be of pine with some elm panels. There will be open fire places and tile mantels. Tile will also be used in the bath rooms. The exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$3,500. San Francisco. Architect, none. Owner, C. S. Howe, 110 Ord St., S. F. The building will cover an area of 25x

60 feet, and will contain two modern flats of five and six rooms each. All interior finish will be of pine. Some oak floors will be used. There will be open fire places and brick or tile mantels. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor.

HOTEL—7 story and base, reinforced concrete, \$50,000. San Francisco. Architect, Charles J. Rousseau. Phelan Bldg., S. F. Owners, Hansen & Johnson, 110 Jessie St. The building will be erected on Turk street east of Lodge. The first floor will be arranged for a number of stores besides the hotel entrance and lobby. Upper floors will contain 100 guest rooms and 68 baths. Plans include steam heat, hot and cold running water and elevator service. Interior finish will be of pine and hardwoods. Ornamental plaster will be used in the lobby. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with pressed brick and terra cotta. The work will be done by Day Labor.

HOTEL—4 story and base, brick and steel, \$25,000. San Francisco. Architect, Lewis M. Gardner. Phelan Bldg., S. F. Owners, Lange Investment Co. The building will be 25x100 with an L in the rear 25x16 feet. There will be stores on the first floor and a number of single rooms on the three upper floors. All rooms will have hot and cold running water. There will be steam heat and elevator service. Interior finish will be of pine throughout. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

OFFICE FIXTURES—Hardwood, \$3,000 to \$4,000. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners, Pillsbury, Madison and Sutro. Plans are being prepared for fittings, interior finish and fixtures for the elaborate offices which are to be opened on the 10th floor of the new Standard Oil building by Attorneys Pillsbury, Madison & Sutro. All finish will be of hardwood. Plans are being prepared.

STORES AND LOFTS—3 story and base, brick. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, Mr. Jacobs. The building will be erected on Drumm street in the wholesale district. The first floor will be arranged for stores and the upper two floors for light lofts. Interior finish will be of pine. Plans provide for metal window sash and frames. There will be patent store fronts. Exterior of the building will be faced with pressed brick. Plans are being prepared.

STORES AND OFFICES—7 story and base, Class A construction. Cost not stated. San Francisco. Architects, Ross & Burgren, 310 California St., S. F. Owners, Forbes Estate. The building will be erected on the new gore corner formed by the extension of Fulton street through the Civic Center to Market street. The building will have a frontage of 96 feet on Market street and 116 feet on the proposed extension of Fulton street. The first floor will be arranged for a number of stores fronting both Market and Fulton streets. Upper floors will be subdivided into modern offices. Construction will be Class A throughout with a com-

plete steel frame and exterior walls faced with pressed brick or terra cotta. Preliminary plans only have been prepared.

MANUFACTURES BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the Manufactures Building have been completed and are now out for figures. Separate bids will be taken for the general construction and for the installation of the plumbing, water and sewer pipes. Bids will be opened on May 13th. Plans and specifications can be secured from the Director of Works at the Service Building. Official proposal appears in another column of this issue.

MOVING BUILDINGS—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on May 8th by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. for the removal of the four quartermaster buildings now situated on the Presidio wharf. The work will include moving the buildings and resetting the same. Plans and specifications can be secured from the Director of Works. Official proposal appears in another column of this issue.

EXCAVATING AND PILED ROAD CONSTRUCTION—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Two sets of bids were opened Thursday afternoon by the Buildings and Grounds Committee of the Panama-Pacific Exposition Co. One set of bids is for grading of the Municipal Auditorium, which is to be erected in the Civic Center by the Exposition Co. at a cost of over a million dollars. E. M. Huie & Co. were low for the excavating at \$32,018. Other bids were for the improvement of Fulton basin by the constructing of a piled roadway from Divisadero to Broderick street. Healy-Tibbatts Construction Co. were low at \$6,920. No contracts were awarded. A complete list of these figures appears under the heading of San Francisco in this issue.

LIBERAL ARTS BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened on Tuesday afternoon by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. for the construction of the Liberal Arts Building and for the plumbing, water and sewer pipes on the same building. Reese & Rountree and Lange & Bergstrom were both very low on the general construction, but no award has been made. Separate bid were taken for the general construction with lumber furnished by the Exposition Co. and for the contractor furnishing both labor and lumber. A complete list of these figures appears in this issue under the heading of San Francisco.

HOSPITAL ADDITION—1 story and base, reinforced concrete, \$18,000. San Francisco. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. This building, which has been designed for a disinfecting building, will be erected at the Letterman General Hospital at the Presidio of San Francisco. Construc-

tion will be of reinforced concrete throughout. Considerable tile will be used. A large amount of special equipment will be installed. Plans are complete and figures are being taken. Bids will be opened at Fort Mason on May 6th. Plans and specifications can be secured from the Constructing Quartermaster's office.

NURSES' QUARTERS.—3 story and base, reinforced concrete, \$80,000. San Francisco. Architect, Constructing Quartermaster, Fort Mason. Owners, United States Government. This building will cover an area of 80x136 feet and will be designed in three wings with connecting passageways. Interior will be finished in pine and hardwoods. Bath rooms will have cement floors and tile wainscot. Steam heat will be furnished from the central plant at the Letterman General Hospital. Exterior of the building will be faced with cement plaster. Plans are nearly complete. Probably only one wing of the building will be erected this year.

ELECTRIC WORK AND LIGHT FIXTURES.—Cost not stated. San Francisco. Architect, none. Owners, United States Government. Supervising Superintendent J. W. Roberts, Post Office Building, will receive bids on May 28th for the reconstruction of the electric conduit system and for furnishing lighting fixtures in the United States Appraisers Building. Plans can be obtained from Mr. Roberts. The official proposal appears in another column of this issue.

Contracts Awarded.

APARTMENT HOUSE.—4 story and base, brick and steel, \$40,000. San Francisco. Architect, C. S. McNally, Mechanics Institute Bldg., S. F. Owner, Mr. Woods. Contractor, P. J. Lynch, Menadnock Bldg., S. F. Contract price not stated.

Auditorium Bids Opened By Owners.

First Contract on New Municipal Auditorium Opened By Panama-Pacific Company. E. M. Hule Low.

Two sets of bids were opened Thursday afternoon for the Buildings and Grounds Committee of the Panama-Pacific Exposition Company. One set of bids was for the grading of the Municipal Auditorium, which is to be erected in the Civic Center by the Exposition Company at a cost of over a million dollars. E. M. Hule & Co. was low for the excavating at \$32,012. The bids were for the improvement of Fulton basin by the construction of a piled roadway from Devisadero to Broderick street. Healy-Thibbitts Construction Company were low at \$6,920. No contracts were awarded. The following is a list of the figures as presented:

Excavating for Auditorium.

E. M. Hule & Co.	\$32,012
Foster-Vogt Co.	35,897
Selby Grading & Teaming Co.	36,800
Healy-Thibbitts Constr. Co.	46,543
Daniel O'Day	50,000
Contra Costa Constr. Co.	43,900
State Constr. Co.	37,965
Improvement of Fulton Basin.	
J. Monk	\$11,736
Thompson Bridge Co.	8,742
Healy-Thibbitts Constr. Co.	6,920
Central Calif. Constr. Co.	16,000

Bids On Liberal Arts Building Are Opened.

Reese & Rountree and Lange & Bergstrom Both Submit Low Figures.
No. Contract Awarded.

Bids were opened on Tuesday afternoon by the Buildings & Grounds Committee of the Panama-Pacific International Exposition Company for the construction of the Liberal Arts Building and for the plumbing, water and sewer pipes on the same building. Reese & Rountree and Lange & Bergstrom were both very low on the general construction, but no award has been made. Separate bids were taken for the general construction with lumber furnished by the Exposition Company and for the contractor furnishing both labor and lumber. The following is a complete list of the bids opened:

	Liberal Arts Building.	
	With Lmbr.	No Lmbr.
Reese & Rountree	\$226,000	\$327,500
James L. Brown	286,000	356,000
F. Rolandi	265,650	360,000
Strehlow-Freeze & Peterson		
	247,700	332,020
Lange & Bergstrom	226,924	322,598
Commarry-Peterson Co.	251,300	—
McLeran & Peterson	245,000	—

Plumbing, Liberal Arts Building.

The Turner Co.	\$21,411
Frank J. Kimm	23,278
J. Looney	22,372
J. P. Doherty	19,841
Robt. Dalziel Jr. Co.	24,987
James H. Pinkerton	21,715
Herman Lawson	21,040
Lettich Bros.	23,160
J. W. Snook & Co.	20,998
Peterson-James Co.	22,210
Wittman-Lyman Co.	22,820
Kiernan & O'Brien	24,000
John G. Sutton Co.	21,500
Alex. Coleman	21,932
Burnham Plumbing Co.	22,595
J. E. O'Mara	25,745

City Bids Opened.

Board of Public Works Open Many Bids for Work on Academic Building, Polytechnic School.

Segregated bids for the various parts of the work in connection with the finishing construction of the Academic Building of the Polytechnic School were opened at the Wednesday afternoon session of the Board of Public Works. The work proved more attractive than usual of late and a long list of bidders were represented. Bids were also opened at the same meeting for the iron fence work at the Yerba Buena School, and for a large amount of street and sewer work. The following is a complete list of all bids opened by the Board of Public Works, except those presented for street and sewer construction:

General Construction, Academic Building.

Sound Constr. Co.	(a) \$182,765; (b) \$222,423; (c) \$339,508.
Newsom-Weld & Kahn	(a) \$168,308; (b) \$219,752; (c) \$331,419.
F. Rolandi	(a) \$125,000; (b) \$295,000; (c) \$395,000.

Carnahan & Mulford	(a) \$193,690; (b) \$252,910; (c) —
Grant Fee	(a) \$190,000; (b) \$325,000; (c) \$405,000.
Commarry-Peterson Co.	(a) \$174,400; (b) \$230,000; (c) \$355,000.
Charles Wright	(a) \$172,591; (b) \$229,667; (c) \$351,025.
O. E. Brady & Son	(a) \$176,000; (b) —; (c) —
Thurston & Co.	(a) \$193,989; (b) \$246,745; (c) \$349,955.
R. W. Moller	(a) void; (b) void (c) void.
M. M. Finlayson	(a) \$156,000; (b) \$196,892; (c) \$312,490.

Plumbing, Academic Building.

Alex. Coleman	\$29,182
J. Looney	29,529
J. H. Pinkerton	24,764
Kiernan & O'Brien	28,618
John G. Sutton Co.	29,359
Wittman-Lyman Co.	28,548
Lettich Bros.	31,392
H. Lawson	27,245
J. P. Doherty	—
Electric Work, Academic Building.	
Butte Eng. & Elec. Co.	\$19,448
Standard Elec. Constr. Co.	21,474
General Elec. Constr. Co.	27,288
H. S. Tittle	19,164
Pacific Fire Ext. Co.	18,150
McFell Elec. Co.	22,150

Heating & Ventilating, Academic Bldg.

F. V. Walsh	\$14,520
Atlas Htgng & Ventilating Co.	19,565
Burnham Plumbing Co.	18,756
John G. Sutton Co.	17,560
Kiernan & O'Brien	21,349
Wittman-Lyman Co.	20,391
Peterson-James Co.	27,343
Pacific Fire Ext. Co.	17,850
Turner Co.	23,660
Gilley-Schmid Co.	21,542

Hollers, Etc., Academic Building.

Wittman-Lyman Co.	\$24,938
C. C. Moore & Co.	30,560
John G. Sutton Co.	23,300
Central California Constr. Co.	32,570
Robt. Dalziel Jr. Co.	24,430
Pacific Fire Ext. Co.	25,325

Fence, Yerba Buena School.

Monarch Iron Works	\$1,000.00
L. W. Fleisner	785.00
West Coast Iron Works	1,447.50
Folsom Street Iron Works	1,142.00
Ralston Iron Works	880.00
T. W. McClenahan	940.00

Building Contracts Awarded

San Francisco.

1607	Ryan	.....Lemser	1450
1608	Beasley	.....Francard	1550
1609	Green	.....Falvey	1800
1610	Kanewski	.....Petersen	1900
1611	West Sacto	.....Goerlicke	4090
1612	Luthy	.....Casty	1950
1613	Schmidt	.....Greene	1500
1614	Mohelm	.....McKinn	1500
1615	Natoma Wrehse	.....Hul	2000
1616	Waterford Rity	.....Owner	5000
1617	Van Horn	.....Hughes	1250
1618	Hudley	.....Hightson	6800
1619	Bellan	.....McKinn	2600
1620	Bellante	.....Cal Monolithc	6500
1621	Ferrellos	.....Roberts	1000
1622	Same	.....Same	1000
1623	Burron	.....Glaze	3900
1624	Fitzpatrick	.....Coburn	2000
1625	Warehouse Inv	.....Owner	30000
1626	Ralsten	.....Klimm	1175
1627	Spreckels	.....Keece	2600
1628	Brown	.....Peters	3400
1629	Damling	.....Conrad	8150
1630	Harris	.....Malloch	3425
1631	Dakin	.....Carson	1205
1632	Gump	.....Coburn	3738
1633	Freise	.....Freise	1500
1634	Buock	.....Ward	500
1635	McCarthy	.....Grace	1000
1636	Schumann	.....Parry	500
1637	Granderholz	.....Munster	1000
1638	Shafrau	.....Shafrau	400
1639	Varni	.....Mitek	500

1640	Nelson	Nelson	2590
1641	Doran	Doran	2000
1642	McCarthy	McCarthy	4000
1643	Jurlan	Jurlan	400
1644	Hansen	Yacobsen	11000
1645	P. P. I. E.	Peterson	24410
1646	Same	McLean	219396
1647	Hogrefe	Rainey	4472
1648	Friedman	Molath	4500
1649	Sugarie	Brinswick	4440
1650	Coffey	Little	7000
1651	San Christina Inv.	O'Mara	1650
1652	Preston	Ellingson	1408
1653	Bk of Cal	Moony	23700
1654	Murphy	Ennis	3989
1655	Y. M. I.	O'Day	5800
1656	Kerwin	Smith	466
1657	Fohm	Welsing	1820
1658	Rathjen	Walker	19995
1659	Ehlers	Castv	3736
1660	Elbert	Whitney	400
1661	Hansen	Johnson	50000
1662	Vuch	Vucien	400
1663	Oriental Tavern	Owner	650
1664	Voight	Voight	1750
1665	Clarfo	Marschalek	500
1666	Fest	Fest	500
1667	Flood	Butte	5496
1668	Same	Campbell	14300
1669	Bradley	Leonard	1250
1670	Hind	Fuller	2700
1671	Bender	Rector	1265
1672	Lankershim	Thye	6200
1673	Baldwin	Matthews	1260
1674	Same	Hann	1500
1675	Same	Brennan	1550
1676	Same	Klumm	2480
1677	Same	Hogberg	1360
1678	Lubbe	Cal Mon Co	13000
1679	Holmes	Grieb	1900
1680	Labat	Hansen	1400
1681	Hallett	Hallett	4500
1682	Schmiel	Parker	1200
1683	Hallett	Hallett	4000
1684	Hallett	Hallett	4000
1685	Hallett	Hallett	4000
1686	Hallett	Hallett	4000
1687	Hind	Brantton	12000
1688	Standard Oil	Johns	10782
1689	Bos	Donovan	1300
1690	Dolliver	Brady	38700
1691	Montell	Johnson	4000
1692	Hersch	Sutton	1350
1693	Cavaglieri	Cavaglieri	1250
1694	Faues	Neison	1500
1695	Meniet	Meniet	1000
1696	Howe	Howe	3500
1697	Arnau	Barneson	450
1698	Rice	Rice	1800
1699	Little	Little	10000
1700	Little	Little	7000
1701	Y. M. C. A.	Novelty	400
1702	Y. M. C. A.	Novelty	400
1703	Mitchell	Novelty	400
1704	Fillmore Chhrg.	Novelty	400
1705	Spencer	Spencer	1000
1706	Nelson	Nelson	2500
1707	Bach	Bach	400
1708	State Hbr Com.	Witham	500
1709	Howarth	Faby	2245
1710	Lewis	Brass	1795
1711	Clift Estate	Miliken	121000
1712	Friedman	Lacey	2530
1713	Same	Van Herick	12850

(1607) E EDINBURGH 275 S Russia.
One-story and basement frame dwg.
Owner.....C. F. Ryan, 321 Lawton,
San Francisco.

Architect...None.
Contractor...Lemser & Piske, 1363 8th
Ave., San Francisco.
COST, \$1450

(1608) NO. 7 PERSIA AVE. Repair
and alter residence.
Owner.....James & Amonda Beasley,
Premises.

Architect...None.
Contractor...Leon Francard, 109 Dublin
San Francisco.
COST, \$1550

(1609) S CALIFORNIA 178-6 E
Franklin. Three-story frame (6)
apartments.
Owner.....Annie Green, 124 Clayton,
San Francisco.

Architect...None.
Contractor...A. J. Falvey, 124 Clayton,
San Francisco.
COST, \$7000

(1610) NE NINETEENTH & VERMONT
Install bake oven.

Owner.....J. E. Kanewski, 2130 19th,
San Francisco.
Architect...None.
Contractor...Peterson Oven Co., 508
Pacific Bldg., S. F.

(1611) NE NINE AND KEARNY.
Alter offices.
Owner.....West Sacramento Co.,
Alaska Commercial Bldg.,
San Francisco.

Architect...Chas. H. Cheney, Crocker
Bldg., S. F.
Contractor...W. A. Goerlicke, Postal
Telegraph Bldg., S. F.
COST, \$4000

(1612) S TWENTY-FIFTH 100 W
Church. Alter dwelling.
Owner.....Adolph Luthy, 3921 25th,
San Francisco.

Architect...None.
Contractor...John Casty, 110 Jessie,
San Francisco.
COST, \$1950

(1613) N DE MONTFORD 150 W Ash-
ton. One-story frame store.
Owner.....F. W. Schmidt, 2029 Fill-
more, San Francisco.

Architect...None.
Contractor...L. Grune, Ingleside.
COST, \$1500

(1614) S LINCOLN WAY 57½ W 18th
Ave. One-story and basement frame
residence.
Owner.....H. Mohelm, 1165 Stanyan,
San Francisco.

Architect...None.
Contractor...L. H. Hansen, 1167 Stany-
an, San Francisco.
COST, \$1900

(1615) S MINNA 220 E Second. Re-
pair floor and new girders.
Owner.....Natomia Warehouse
Architect...None.

Contractor...J. W. Hjul, Merchants' Ex-
change Bldg., S. F.
COST, \$2000

(1616) NW WASHINGTON AND EM-
barcadero. Add one-story Class "C"
to stores.
Owner.....Waterfront Realty Co., 126
Post, San Francisco.

Architect...O'Brien Bros., Inc., 519
California, San Francisco.
Day's work.
COST, \$5000

(1617) E FORTY-SEVENTH AVE 100
N Judah. Two-story and basement
frame dwelling.
Owner.....R. H. Van Horn, 1368 47th
Ave., San Francisco.

Architect...C. Hughes, 1452 48th Ave.,
San Francisco.
Contractor...C. Hughes, 1452 48th Ave.,
S. F.
COST, \$1250

(1618) S ELIZABETH 230 E Castro.
Three-story and basement frame (3)
flats.
Owner.....J. Hurley, 578 Elizabeth,
San Francisco.

Architect...None.
Contractor...Higginson & Co., Inc.,
Humboldt Bank Bldg., S. F.
COST, \$6500

(1619) S GREEN 183-9 W rowell. Two
story and basement frame (2) flats.
Owner.....John Bellan, 723 Green,
San Francisco.

Architect...None.
Contractor...P. H. McKinna, 115 Russia
Ave., San Francisco.
COST, \$3000

(1620) W FILLMORE 40 S Chestnut.
One-story frame and reinforced con-
crete stores.
Owner.....F. Bellante & V. D. Vir-
gilio.

Architect...Wm. Mooser, Nevada Bank
Bldg., San Francisco.
Contractor...Cal. Steel Monolithic Co.,
10th and Howard, S. F.
COST, \$6500

(1621) NW ELLINGTON 75 NE
Whipple. One-story and basement
frame residence.
Owner.....L. Ferreiros and L. De-
poal, 3239 Mission, S. F.

Architect...None.
Contractor...L. J. Roberts, 92 Ramona
Ave., San Francisco.
COST, \$1000

(1622) NW ELLINGTON 50 NE
Whipple. One-story and basement
frame residence.
Owner.....L. Ferreiros and L. De-
poal, 3239 Mission, S. F.

Architect...None.
Contractor...L. J. Roberts, 92 Ramona
Ave., San Francisco.
COST, \$1000

(1623) N GREENWICH 125 W Octavia
Remove old building, erect new build-
ing, concrete floors, brick foundations
and walls and 5 ply tar and gravel
roof.

Owner.....G. Burrill.
Architect...None.
Contractor...R. Glaze, Humboldt Bank
Bldg San Francisco.
COST, \$3000

(1624) S TWENTY-NINTH 105 W San-
chez W 25x114. All work except elec-
trical for alterations and additions to
two-story and basement frame flats.

Owner.....M. T. Fitzpatrick, 29th near
Sanchez, San Francisco.
Architect...None.

Contractor...Ira W. Coburn Inc., Hearst
Bldg., San Francisco.
Filed April 28, '13. Dated April 28, '13.

Partitions set\$45
Brown coated 485
Completed and accepted 485
Usual 35 days 485
TOTAL COST, \$1640

Bond, none. Limit, none. Forfeit, none.
Plans and specifications filed.

(1625) N KING 220-9 W Second.
Three-story and basement brick
warehouse.
Owner.....Warehouse Invst. Co., 62
Pine, San Francisco.

Engineer...A. E. Hoenlein, Pacific
Bldg., San Francisco.
Day's work.
COST, \$30,000

(1626) S ELLIS 120 E Leavenworth E
27-6X8 137-6. Plumbing, sewer-
ing, gas and water piping for heating,
piping for vacuum cleaning plant,
plumbing fixtures for two-story ma-
sonry stores.

Owner.....Henry Rathjen, 3249 Fill-
more, San Francisco.
Architect...Banks & Copeland, 323
Kearny, San Francisco.

Contractor...Frank J. Klumm, 221 Oak,
San Francisco.
Filed April 28, '13. Dated April 25, '13.

All piping in\$600
Completed and accepted 275
Usual 35 days 300
TOTAL COST, \$1175

Bond, none. Limit, 120 days. Forfeit,
\$. Plans and specifications filed.

(1627) NE WASHINGTON & OCTAVIA
Painting and tinting for residence.
Owner.....A. B. Spreckels.
Architect...Macdonald & Applegarth
Call Bldg., S. F.

Contractor...J. H. Keefe Co., 820 O'Farrell, San Francisco.

Filed April 28, '13. Dated April 18, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2640

Bond, none. Limit, as rapidly as possible. Forfeit, none. Specifications only filed.

(1628) E TWENTYETH AVE 175 N
Clement 25x120. All work for two-story and basement frame residence.
Owner.....A. M. Brown, 68 Landers, San Francisco.
Architect...J. M. Peters.
Contractor...J. M. Peters, 1010 Balboa, San Francisco.

Filed April 28, '13. Dated April 24, '13.
Received from A. M. Brown.....\$ 500
Frame up 50%
Plaster completed 1500
Usual 35 days..... 965
TOTAL COST, \$3465

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(1629) W HYDE 97-6 S Green S 20x W 87-6. All work for three-story frame apartments.

Owner.....Jay Deming, 1140 Hyde, San Francisco.
Architect...J. W. G. Hind, 46 Kearny, San Francisco.
Contractor...Henry Conrad, 2854 Pine, San Francisco.

Filed April 28, '13. Dated April 26, '13.
Rustic and roof on\$2037.50
Brown coated 2037.50
Completed and accepted..... 2037.50
Usual 35 days..... 2037.50
TOTAL COST, \$8150.00

Bond, \$4075. Sureties, P. Parenti and A. G. Creyer. Limit, 90 days. Forfeit, \$6. Plans and specifications filed.

(1630) S JACKSON 171-10 1/2 E Hyde E 34-6xS 137-6. All work except gas and electric fixtures for two-story frame flats.

Owner.....Julia Harris.
Architect...None.
Contractor...J. S. Malloch, 1360 Green, San Francisco.

Filed April 28, '13. Dated April 26, '13.
Building framed\$56.25
Brown coated 56.25
Completed 56.25
Usual 35 days..... 56.25
TOTAL COST, \$3425.00

Bond, \$1715. Surety, Globe Indemnity Co. of New York. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1631) N O'FARRELL 100 W Fillmore 55x142-6. All work except marble, glass, electric work and plumbing for removing present store fronts and constructing new fronts.

Owner.....Frederick H. Dakin, 110 Sutter, San Francisco.
Architect...C. C. Dakin, 110 Sutter, San Francisco.
Contractor...Otto Carson & Co., 1461 Hyde, San Francisco.

Filed April 28, '13. Dated April 23, '13.
New frame completed\$300
Completely enclosed 300
Completed and accepted..... 300
Usual 35 days..... 305
TOTAL COST \$1205

Bond, \$602. Surety, Massachusetts Bonding & Insurance Co. Limit 35 days. Forfeit, \$10. Plans and specifications filed.

(1632) .. POST, bet Grant Ave and Stockton. Removals and changes, steel work, electrical work, telephones, plumbing, steam heating, carpenter, stairs, fire doors, sheet metal, skylights and glazing, etc., for alterations to store.

Owner.....The S. & G. Gump Co., 246 Post, San Francisco.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.

Contractor...Ira W. Coburn, Inc., Hearst Bldg., San Francisco.
Filed April 28, '13. Dated April 28, '13.
Lintels set and electric wiring in \$934
Brown coated 335
Completed and accepted..... 334
Usual 35 days..... 335
TOTAL COST, \$3738

Bond, limit, forfeit, none. Plans and specifications filed.

(1633) NO. 214 ANZA. Add one-story to dwelling.

Owner.....Mrs. S. Freise, Premises.
Architect...None.
Contractor...A. M. Freise, Premises.
COS, \$1500

(1634) NOS. 1435-37-39 FILLMORE. Replace steps, alter front and tile vestibule.

Owner.....J. T. Buock, 5 Montgomery, San Francisco.
Architect...None.
Contractor...Ward & Goodwin, 110 Jessie, San Francisco.
COST, \$500

(1635) E RHODE ISLAND 325 S 22nd. One-story and basement frame dwlg.

Owner.....Miss Elizabeth McCartney, 1023 Rhode Island, S. F.
Architect...None.
Contractor...John T. Grace, 1013 Rhode Island, San Francisco.
COST, \$1000

(1636) E NEVADA 175 S Tompkins. One-story and basement dwelling.

Owner.....S. W. Schurmann, 222 Raymond Ave., S. F.
Architect...None.
Contractor...F. H. Parry, 222 Raymond Ave., San Francisco.
COST, \$500

(1637) NO. 2450 MISSION. Alter front

Owner.....Henry Granerholz, Prem.
Architect...None.
Contractor...Munster & Bornholdt, 1530 Broderick, S. F.
COST, \$1000

(1638) S ANZA 95 E Third Ave. One-story frame dwelling.

Owner.....J. Shafrau, 440 Linden Ave. San Francisco.
Architect...None.
Day's work.....
COST, \$400

(1639) NO. 133 PLYMOUTH AVE. Raze dwelling, concrete foundation and finish exterior.

Owner.....T. Varni, Premises.
Architect...None.
Contractor...M. Mitck, 558 Bride, S. F.
COST, \$500

(1640) W SIXTEENTH AVE 150 S Clement. Two-story and basement frame residence.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.
Day's work.....
COST, \$2500

(1641) N NATOMA 308-6 W First. One-story brick horse shoeing shop.

Owner.....Jas. H. Doran, 3809 Army, San Francisco.
Architect...None.
Day's work.....
COST, \$2000

(1642) E NINTH AVE 275 N Fulton. Two-story and basement frame (2) flats.

Owner.....D. S. McCarthy, 1919 Page, San Francisco.
Architect...None.
Day's work.....
COST, \$4000

(1643) SE DUNCAN AND DIAMOND. One-story and basement frame dwlg.

Owner.....John Jurian, 42 Hoff Ave. San Francisco.
Architect...None.
Day's work.....
COST, \$400

(1644) W HYDE 60-8 N Green. Three-story and basement frame (4) flats.

Owner.....Hansen & Jacobsen, 1986 McAllister, San Francisco.
Architect...None.
Day's work.....
COST, \$11,000

(1645) EXPOSITION SITE. Plumbing, sewers, water and gas pipes for the Agricultural Building.

Owner.....Panama-Pacific International Exposition Co.
Architect...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor...Petersen-James Co., 710 Larkin, San Francisco.

Filed April 29, '13. Dated April 23, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$24,410

Bond, \$14,000. Surety, National Surety Co. Limit, 200 days. Forfeit, \$10. Plans and specifications filed.

(1646) ALL WORK EXCEPT PILE work for construction of Food Products Building.

Contractor...Neil A. McLean, Chronicle Bldg., San Francisco.
Filed April 29, '13. Dated April 24, '13.
Payments same as above.....
TOTAL COST, \$219,396

Bond, \$125,000. Surety, Globe Indemnity Co. Limit, 200 days. Forfeit, \$100. Plans and specifications filed.

(1647) E TAYLOR 91-6 N Sutter N 22-11x E 87-6. Brick, structural steel, fire escapes, posts, girders, bearing partitions, joists, rafters and frame work for vent shafts for three-story and basement brick apartments.

Owner.....Hermann D. Hogrefe, 1960 Hyde, San Francisco.
Architect...Edw. E. Young, 251 Kearny, San Francisco.
Contractor...Rainey & Phillips, 180 Jessie, San Francisco.

Filed April 29, '13. Dated April 29, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$4472

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1648) NE BUSH AND GRANT AVE E 60xN 77-6. Brick and concrete work for three-story brick stores.

Owner.....Louis Friedman, Page and Baker, San Francisco.

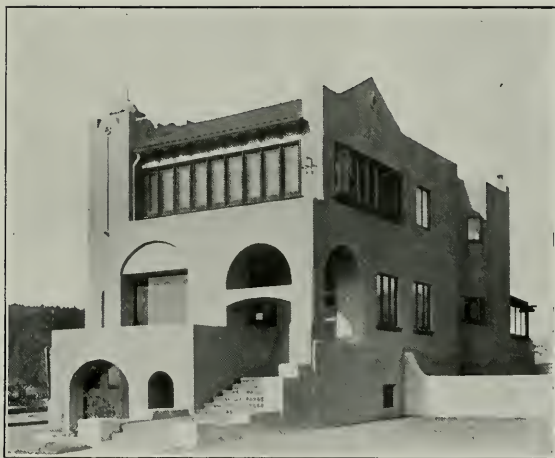


CITY RESIDENCE IN WEST CLAY PARK
San Francisco

Havens & Toepke, Architects
San Francisco

Building and Industrial News
May 6, 1913

PLATE A

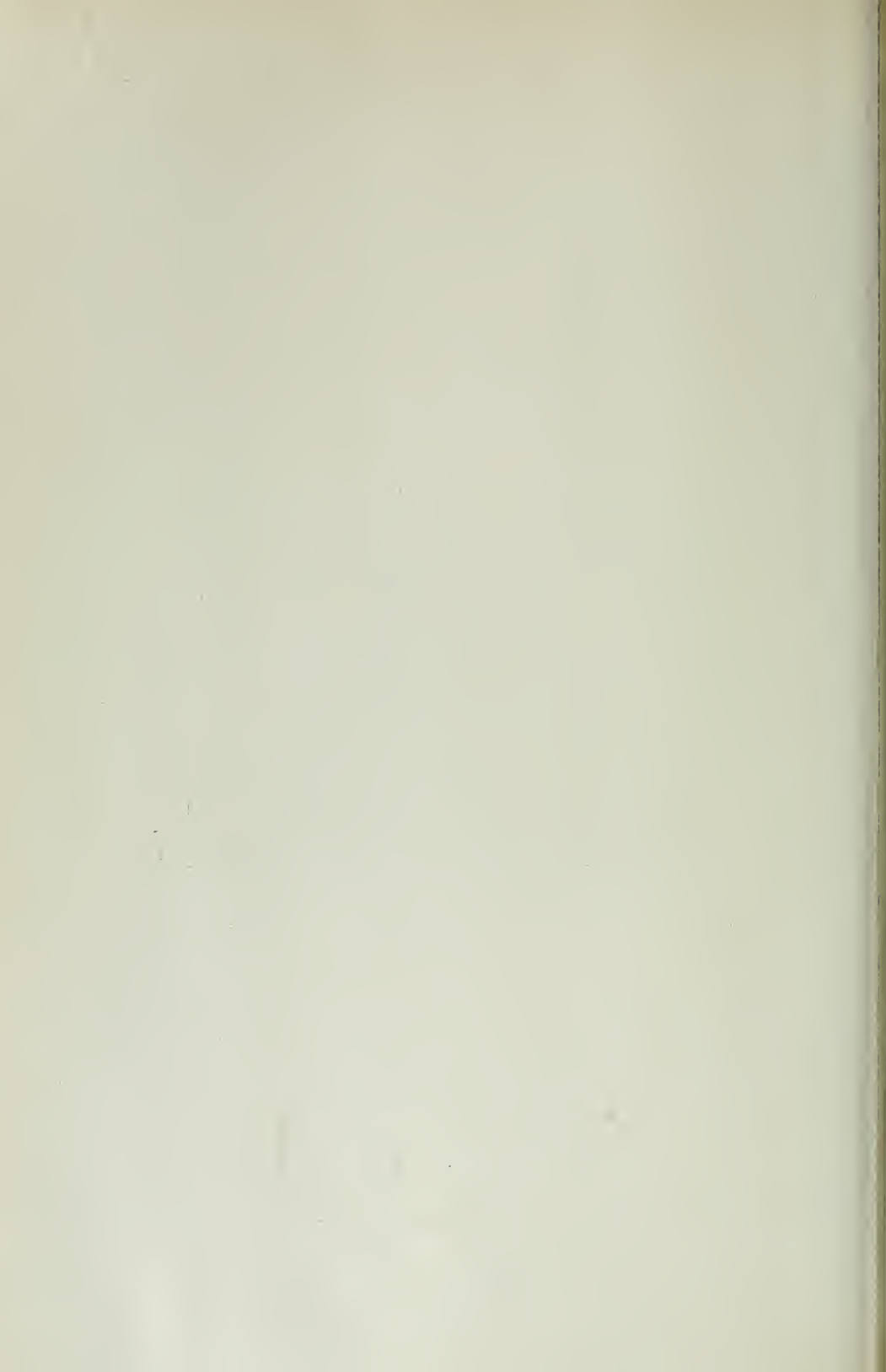


UNIQUE SAN FRANCISCO HOME
San Francisco

C F. Whittlesey, Architect
San Francisco

Building and Industrial News.
May 6, 1913.

PLATE B



Architect...Jos. Cahen, 45 Kearny, S. F.
Contractor...Leopold & C. Mollath, 2291
Filbert, San Francisco.

Filed April 29, '13. Dated April 23, '13.
Ready for 1st floor joists.....\$ 975
Ready for 2nd floor joists..... 700
Ready for 3rd floor joists..... 700
Brick work completed..... 800
Completed and accepted..... 200
Usual 35 days..... 1125

TOTAL COST, \$1500

Bond, \$2250. Surety, Massachusetts
Bonding & Insurance Co. Limit, none.
Forfeit, \$10. Plans and specifications
filed.

(1649) NO. 59 GRANT AVE. Store fix-
tures except tables for candy store.
Owner.....Sugarie Inc., 453 Grove,
San Francisco.

Architect...Earle Bertz, 2559 Filbert,
San Francisco.

Contractor...Brunswick-Balke-Collen-
der Co., 765 Mission, S. F.

Filed April 29, '13. Dated April 28, '13.
On 14th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$4440

Bond, none. Limit, 60 days. Forfeit, \$5
Plans and specifications filed.

(1650) S SIXTEENTH 88 W Valencia
160x110. All work except plumbing,
painting and electric work for one-
story frame building with basement.
Owner.....W. B. Coffey.

Architect...Alfred I. Coffey, Humboldt
Bank Bldg., S. F.

Contractor...Wm. Little, 755 8th Ave.,
San Francisco.

Filed April 28, '13. Dated April 24, '13.
Foundation in & basement walls
in\$1250
Brown coated 1850
Completed and accepted..... 2150
Usual 35 days..... 1750

TOTAL COST, \$7000

Bond, none. Limit, 90 days. Forfeit,
\$5. Plans and specifications filed.

(1651) E FREMONT AND MARKET
NE 91-8xSE 137-6. Heating apparat-
us for four-story and basement bldg
Owner.....San Christina Invest. Co.,
Claus A. and Rudolph
Spreckels and as Trustees,
1st National Bank Bldg.,
San Francisco.

Architect...Miller & Colmesnil, Lick
Bldg., San Francisco.

Contractor...J. E. O'Mara, 449 Minna,
San Francisco.

Filed April 29, '13. Dated April 28, '13.
Rough pipes in..... 40%
When completed 35%
Usual 35 days..... 25%
TOTAL COST, \$1650

Bond, \$900. Surety, National Surety Co.
Limit, 30 days. Forfeit, \$15. Plans and
specifications filed.

(1652) NO. 458 CLIPPER. All work
except plumbing, painting, mantels,
gas fixtures, shades and tiling for
alterations and additions to frame
residence.

Owner.....E. J. and Annie Preston,
Premises.

Architect...Kidd & Anderson, 251
Kearny, San Francisco.

Contractor...Ellingson & Holt

Filed April 30, '13. Dated April 28, '13.
Rough frame up, patent chimneys
in, ready for roof.....\$407
Rough coat plaster on..... 407
Completed and accepted..... 407
Usual 35 days..... 407
TOTAL COST, \$1625

Bond, \$814. Sureties, Frank R. Webb
and L. Burton. Limit, 60 days. Forfeit,
\$5. Plans and specifications filed.

(1653) CALIFORNIA AND SANSOME.
All work for addition of 2nd story to
present Class "A" building.

Owner...The Bank of California Na-
tional Association.

Architect...Ellis & Paville, Balboa
Bldg., San Francisco.

Contractor...Mahony Bros., Crocker
Bldg., San Francisco.

Filed April 30, '13. Dated April 22, '13.
On 1st of each month..... 75%
36 days after..... 25%
TOTAL COST, \$23,700

Bond, none. Limit, Oct. 1. Forfeit, \$20.
Plans and specifications filed.

(1654) S EIGHTEENTH 110 E Dolores
E 28 S 112 W 8 S 45 W 20 N 157 MB
78. All work for alterations and ad-
ditions to three-story frame bldg.

Owner.....Mrs. Theresa D. Murphy,
3677 18, San Francisco.

Designer...H. A. Hertenstein, 311
Florida, San Francisco.

Contractor...Frank Ennis and Jno H.
McGivern, 1312 Jackson,
San Francisco.

Filed April 30, '13. Dated April 29, '13.
House movers work completed.....\$125
Ready for lathing..... 850
Plaster completed 850
Completed and accepted..... 850

Owner agrees to pay weekly such
sums as are due contractor's em-
ployees on work.....
Contractor to receive \$900 on
completion, if total amount does
not exceed amount guaranteed...

TOTAL COST not to exceed \$3989
Bond, none. Limit, 90 days. Forfeit,
\$10. Plans and specifications filed.

(1655) N OAK 157-6 W Van Ness Ave
N 89-9 N 120 E 68-9 S 40 E 21 S 80.
Excavating, sheet piling, lagging
bracing and shoring, back filling and
grading, street repair and pumping of
lot for Class "C" building.

Owner.....The Young Men's Institute
Hall Association.

Architect...W. D. Shea, 244 Kearny,
San Francisco.

Contractor...The Daniel O'Day Co., 14th
and Belcher, S. F.

Filed April 30, '13. Dated April 22, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5800

Bond, \$2900. Surety, Globe Indemnity
Co. Limit, 50 days. Forfeit, \$10. Plans
and specifications filed.

(1656) NO. 123 CLEMENT. Remodel
store.

Owner.....John Kerwin.

Architect...None.

Contractor...C. H. Smith Co., 292 3rd
Ave., San Francisco.

Filed April 30, '13. Dated April 26, '13.
When new floor laid.....\$200.00
Completed and accepted..... 266.30
TOTAL COST, \$466.30

Bond, limit, forfeit, none. Plans and
specifications, none.

(1657) NO. 777 HOWARD. Alterations
and additions to building.

Owner.....Fritz Pohn, 134 Folsom,
San Francisco.

Architect...None

Contractor...John W. Welsing.

Filed April 30, '13. Dated April 29, '13.
Payments every Saturday as
work progresses..... 75%

Usual 39 days, 25%.....\$155

TOTAL COST, \$620

Bond, limit, forfeit, none. Plans and
specifications filed.

(1658) S ELLIS 110 E Leavenworth E
27-6xS 137-6. All work except plumb-
ing, sewerage, gas and water pipes,
heating, stand pipes, plumbing fix-
tures and electric work for two-story
masonry building with basement.

Owner.....Henry Rathjen, 3249 Fillmore
San Francisco.

Architect...Banks & Copeland, 333
Kearny, San Francisco.

Contractor...G. H. and S. Walker, 110
Jessie, San Francisco.

Filed April 30, '13. Dated April —, '13.
Ready for 1st story joists.....\$3748
2nd story joists on..... 3748
Roof boards on..... 3748
Completed and accepted..... 3751
Usual 35 days..... 5000

TOTAL COST, \$19,995

Bond, \$10,000. Sureties, O. F. Sites, L.
E. Dunn and D. O. Druffel. Limit, 120
days. Forfeit, \$10. Plans and specifi-
cations filed.

(1659) SW KEARNY AND VALLEJO
S 20xW 51-6. Carpenter, roofing mill
and stair work, glazing, hardware,
plastering, etc., for two-story and
basement frame flats.

Owner.....Wiechen Ehlers, 1201
Kearny, San Francisco.

Architect...H. Gelfuss, 46 Kearny,
San Francisco.

Contractor...John Casty, 327 Brazil
Ave., San Francisco.

Filed April 30, '13. Dated April 25, '13.
Frame up\$700
Enclosed, roofed & partitions set 700
White coated 700
Completed and accepted..... 702
Usual 35 days..... 934

TOTAL COST, \$3736

Bond, \$1868. Sureties, Gottlieb Gran
and Peter Streiff. Limit, none. Forfeit,
\$5. Plans and specifications filed.

(1660) W THIRTY-FIRST AVE 275 N
Gearv. One-story and basement
frame dwelling.

Owner.....Elbert E. Whitney, 414 43d
Oakland.

Architect...Camille Grosjean.

Day's work. COST, \$400

(1661) S TURK 28 E Dodge. Seven-
story and basement reinforced con-
crete steel frame hotel.

Owner.....Hansen & Johnson, Inc, 110
Jessie, San Francisco.

Architect...None.

Day's work. COST, \$50,000

(1662) E GRIFFITH 100 S Ingerson.

One-story and basement frame dwlg.
Owner.....Chas. Vulch, 2915 Hawes,
San Francisco.

Architect...None.

Day's work. COST, \$500

(1663) NO. 108 ELLIS. Erect marquise
Owner.....Oriental Tavern, Premises.

Architect...None.

Contractor...Moise-Klinkner Co., 1212
Market, San Francisco.

COST, \$650

(1664) SW ROANOKE 75 SE Chenery.

One-story and basement frame resi-
dence.

Owner.....George F. Volght, 276 29th,
San Francisco.

Architect...None.

Day's work. COST, \$1750

BUILDING AND INDUSTRIAL NEWS

(1665) W DEHARO 125 N 22nd. One-story and basement frame store.
Owner.....G. Clarlo, 956 Dehara, S. F.
Architect...None.
Contractor...G. Marschalek, 2033 22nd, San Francisco.
COST, \$600

(1666) NO. 1212 SCOTT. Alter dwelling into flats.
Owner.....Oscar L. Fest, 1616 Turk, San Francisco.
Architect...one.
Day's work. COST, \$500

(1667) N BROADWAY 68-9 W Webster W 148-9xN 275. Electrical work, etc., for two-story and basement frame residence.
Owner.....Jas. L. Flood.
Architect...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor...Butte Eng. & Elec. Co., 685 Howard, San Francisco.
Filed May 1, '13. Dated April 25, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5496

Bond, \$2748. Surety, National Surety Co. Limit, 40 days after plaster is finished. Forfeit, \$25. Plans and specifications filed.

(1668) TERRA COTTA PARTITIONS, tile and wall furring tile on above.
Contractor...Campbell Bros., 180 Jessie, San Francisco.
Filed May 1, '13. Dated April 25, '13.
Payments same as above.....
TOTAL COST, \$14,300
Bond, \$7150. Surety, Pacific Coast Casualty Co. Limit, 20 days after plumbing pipes, etc., completed. Forfeit, \$25. Plans and specifications filed.

(1669) S BROADWAY 120 W Scott W 30xS 132-7 1/2. All work for retaining wall and fence.
Owner.....F. W. Bradley, Crocker Bldg., San Francisco.
Architect...Chas. P. Weeks, Mutual Bank Bldg., S. F.
Contractor...J. J. Leonard, 2843 Howard, San Francisco.
Filed May 1, '13. Dated May 1, '13.
Completed and accepted.....\$937.00
Usual 35 days..... 312.50
TOTAL COST, \$1250.00
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1670) N CALIFORNIA 77-6 W Front W 60-8 1/2xN 127-6. Glazing, except side walk lights for six-story and basement loft building.
Owner.....The Hind Estate Co., 310 California, San Francisco.
Architect...John Reid Jr., Chronicle Bldg., San Francisco.
Contractor...W. P. Fuller & Co., Beale and Mission, San Francisco.
Filed May 1, '13. Dated April 12, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2700
Bond, \$1350. Sureties, E. E. Simmons & Geo. P. Fuller. Limit, 10 days after sash delivered. Forfeit, none. Plans and specifications filed.

(1671) SW BRODERICK & O'FARRELL. Install 26 radiators in apartment house
Owner.....Mrs. Ada M. Bender, 1331 Broderick, San Francisco.
Architect...C. M. Cook, Rialto Bldg., San Francisco.

Contractor...Rector System Gas Heating Co., 331 Sutter, S. F.
Filed May 1, '13. Dated April 30, '13.
Roughing in completed.....\$474
Work completed..... 474
Building completed..... 317
TOTAL COST, \$1265
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1672) N FIFTH AND JESSIE NW 75 xNE 175. Electrical work for seven-story and basement reinforced concrete hotel.
Owner.....Jas. B. Lankershim, Los Angeles by Macdonald & Kahn, Rialto Bldg., S. F.
Architect...Reid Bros., Cal.-Pacific Bldg., San Francisco.
Contractor...M. P. Thyre, Claremont Hotel, Oakland.
Filed May 1, '13. Dated April 29, '13.
On 15th of each month..... 75%
36 days, balance.....\$1550
TOTAL COST, \$6200
Bond, \$3100. Surety, Fidelity Deposit Co. of Maryland. Limit, forfeit, none. Specifications only filed.

(1673) SW GRANT AVE & HARLAN Place. Metal furring, metal partitions and galvanized iron corner beads, etc., galvanized wire, metal lathing, etc., for two-story Class "A" addition to present Class "A" bldg.
Owner.....O. D. Baldwin.
Architect...Oscar Haupt, Phelan Bldg., San Francisco.
Contractor...Herbert C. Matthews.

Filed May 1, '13. Dated April 30, '13.
Completed and accepted.....\$945
Usual 35 days..... 315
TOTAL COST, \$1260
Bond, none. Limit, 15 days after June 1. Forfeit, none. Plans and specifications filed.

(1674) FIRE PROOFING, REINFORCED, concrete floor and roof slabs, reinforced concrete walls and fireproof stairs on above.
Contractor...C. C. Haun, 110 Jessie, San Francisco.

Filed May 1, '13. Dated April 30, '13.
Wood forms for concrete in place.....\$500.00
On completion..... 954.25
Usual 35 days..... 484.75
TOTAL COST, \$1939.00
Bond, none. Limit, 15 days after May 15. Forfeit, none. Plans and specifications filed.

(1675) HARDWALL AND CEMENT plaster on above.
Contractor...Jas. Brennan, 3340 Folsom, San Francisco.
Filed May 1, '13. Dated April 25, '13.
Exterior plaster completed.....\$775.00
Completed..... 387.50
Usual 35 days..... 387.50
TOTAL COST, \$1550.00
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1676) PLUMBING, GAS FITTING, tank, etc., on above.
Contractor...Frank J. Klimm, 221 Oak, San Francisco.
Filed May 1, '13. Dated April 29, '13.
Roughing in in place, both tanks set.....\$933.75
Completed and accepted..... 933.75
Usual 35 days..... 622.50
TOTAL COST, \$2490.00
Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1677) BRICK WORK ON ABOVE.
Contractor...Hogberg & Ludwig, 249 Edgewood, San Francisco.
Filed May 1, '13. Dated April 24, '13.
Brick walls up.....\$510
Completed and accepted..... 510
Usual 35 days..... 340
TOTAL COST, \$1360

Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(1678) NW BUSH AND TAYLOR N 137-6xW 137-6. All work except plumbing and electric work for one story garage and store (Class "A" or "B" construction).

Owner.....W. J. Jones and Chas. Lubbe.
Architect...Wm. Mooser, Nevada Bk. Bldg., San Francisco.
Contractor...California Steel Monolithic Co., 10th & Howard, S. F.
Filed May 1, '13. Dated April 30, '13.
Grading completed.....\$ 750
Flooring completed..... 750
Steel work ordered and paid for 2500
Steel work in and roof on..... 2250
Walls completed..... 2250
Completed and accepted..... 1500
Usual 35 days..... 3550
TOTAL COST, \$12,800

Bond, \$7000. Surety, United States Fidelity & Guaranty Co. Limit, 51 days. Forfeit, \$10. Plans and specifications filed.

(1679) SE SANSOME AND GREEN. Erect partition and build 40 stalls.
Owner.....Howard Holmes, 212 Market, San Francisco.
Architect...None.
Contractor...H. T. Greib, 1020 Greenwich, San Francisco.
COST, \$1000

(1680) NO. 2029 CHESTNUT. Raise and add to present building.
Owner.....Mr. Labat, Premises.
Architect...None.
Contractor...Peter Hansen, 1853 Green, San Francisco.
COST, \$1400

(1681) W SEVENTH AVE 125 N Irving. Two-story and basement frame residence.
Owner.....E. B. Hallett, 1259 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4500

(1682) W TWENTY-SIXTH AVE 185 N Balboa. One-story and basement frame dwelling.
Owner.....Fred K. Schmleni, 141 Sutter, San Francisco.
Architect...None.
Contractor...Geo. Parker, 141 Sutter, San Francisco.
COST, \$1200

(1683) E FORTY-SEVENTH AVE 260 S Balboa. Two-story and basement frame residence.
Owner.....E. B. Hallett, 1259 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4000

(1684) E FORTY-SEVENTH AVE 335 S Balboa. Two-story and basement frame residence.
Owner.....E. B. Hallett, 1259 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4000

- (1685) E FORTY-SEVENTH AVE 310 S Balboa. Two-story and basement frame residence.
Owner.....E. B. Hallett, 1250 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4000
- (1686) E FORTY-SEVENTH AVE 285 S Balboa. Two-story and basement frame residence.
Owner.....E. B. Hallett, 1259 12th Ave., San Francisco.
Architect...None.
Day's work. COST, \$4000
- (1687) N CALIFORNIA 77-6 W Front. Six-story brick loft building.
Owner.....The Hind Estate Co., 310 California, San Francisco.
Architect...John Reid Jr., 1401 Chronicle Bldg., S. F.
General Contractor...Braunton Bros., 150 Jessie, San Francisco.
COST, \$125,000
NOTE: Job is under way.
- (1688) NW BUSH AND SANSOME N 137-6xW 67-6. Lighting fixtures for 10-story and basement steel cage office building.
Owner...Standard Oil Co., Sheldon Bldg., San Francisco.
Architect...R. G. McDougall, Sheldon Bldg., San Francisco.
Contractor...H. W. Johns-Manville Co., 2nd and Howard, S. F.
Filed May 2, '13. Dated April 17, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$10,782
Bond, \$5391. Surety, Fidelity & Deposit Co. of Maryland. Limit, April 28, 1913. Forfeit, none. Plans and specifications filed.
- (1689) N GREEN 193-3 1/4 W Jones W 45xN 120. Painting for two-story and basement apartment house.
Owner.....The George A. Bos Co., Crocker Bldg., S. F.
Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor...V. Donovan, 729 Minna, San Francisco.
Filed May 2, '13. Dated April 30, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1300
Bond, \$650. Sureties, Thos. F. Mulcahy and Thos. L. Comyns. Limit, Aug. 1, '13. Forfeit, none. Plans and specifications filed.
- (1690) W FILLMORE 28 N Sacramento W 90-6 S 28 E 90-6 N 28. All work except lighting fixtures for 5-story and basement brick stores and apartments.
Owner...Sewall Dolliver.
Architect...Welsh & Carey, Metropolis Bank Bldg., S. F.
Contractor...M. V. Brady, Monadnock Bldg., San Francisco.
Filed May 2, '13. Dated May 1, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$38,700
Bond, \$19,350. Surety, National Surety Co. Limit, 150 days. Forfeit, \$10. Plans and specifications filed.
- (1691) E NINETEENTH AVE 200 N Anza N 25x E 120. All work for one-story attic and basement dwelling.
Owner...Edgar H. Montell, 373 20th Ave., San Francisco.
Architect...None.
- Contractor...J. Johnson, 458 9th Ave., San Francisco.
Filed May 2, 1913. Dated April 30, '13.
Frame up\$750
Brown coated 750
Accepted 750
Usual 35 days..... 750
TOTAL COST, \$3000
Bond, \$1500. Surety, Pacific Coast Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Plans prepared by C. R. Spooner, 368 Sanchez, San Francisco.
- (1692) NW POST AND TAYLOR. Low pressure gravity steam heating system, including radiators, valves, pipes, covering, etc., storage tank, etc., for eight-story Class "C" hotel and store building.
Owner.....B. Hersch and B. Heskins, 1263 Fillmore, S. F.
Architect...Philip Schwerdt, Phelan Bldg., San Francisco.
Contractor...John G. Sulton Co., 243 Minna, San Francisco.
Filed May 2, '13. Dated April 23, '13.
On completion of rough work.....\$540.00
40% 472.00
Usual 35 days, 25% 337.50
TOTAL COST, \$1350.00
Bond, limit, forfeit, none. Plans and specifications filed.
- (1693) E SAN BRUNO 175 N 19th. One-story and basement frame dwlg
Owner.....G. Cavaglieri, 593 Potrero Ave., San Francisco.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Day's work COST, \$1250
- (1694) W CASTRO 25 S 21st. One and one-half-story and basement frame dwelling.
Owner.....E. L. Fauss, 1215 Castro, San Francisco.
Architect...H. Nelson, 1215 Castro, San Francisco.
Contractor...H. Nelson and C. Nelson, 1215 Castro, San Francisco.
COST, \$1500
- (1695) S VIENNA 100 E Italy. One-story and basement frame dwelling.
Owner.....Mrs. M. Menlet, 783 Vienna San Francisco.
Architect...None.
Day's work. COST, \$1000
- (1696) W ISIS 120 S 12th. Two-story and basement frame (4) flats.
Owner.....C. T. Howe, 116 Ord, S. F.
Architect...None.
Day's work. COST, \$3500
- (1697) E SCOTT 80 N Lombard. Add two rooms.
Owner.....G. Arnau, 2398 Lombard, San Francisco.
Architect...None.
Contractor...J. Barnecon, 3354 Steiner, San Francisco.
COST, \$450
- (1698) SE BEMIS AND FAIRMONT. One-story and basement frame dwlg.
Owner.....John S. Rice, 1405A Guerrero, San Francisco.
Architect...John S. Rice.
Contractor...John S. Rice.
COST, \$1800
- (1699) W SEVENTEENTH AVE 200 N Lake. Two-story basement and attic frame residence.
Owner.....Matthew A. Little, 1347 4th Ave., San Francisco.
Architect...E. E. Young, 231 Kearny, San Francisco.
Day's work. COST, \$10,000
- (1700) W SEVENTEENTH AVE 175 N Lake. Two-story basement and attic frame residence.
Owner.....Matthew A. Little, 1347 4th Ave., San Francisco.
Architect...E. E. Young, 231 Kearny, San Francisco.
Day's work. COST, \$7000
- (1701) NW GOLDEN GATE AND Leavenworth. Electric sign.
Owner.....Y. M. C. A., Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400
- (1702) NW GOLDEN GATE AND Leavenworth. Electric sign.
Owner.....Y. M. C. A., Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400
- (1703) SW SIXTH AND MISSION. Electric sign.
Owner.....Edw. H. Mitchell, Prem.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$400
- (1704) NO. 1705 FILLMORE. Electric sign.
Owner.....Fillmore Clothing Co., Premises.
Architect...None.
Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.
COST, \$500
- (1705) NO. 2895 JACKSON. Finish residence.
Owner.....Mrs. C. Spencer, 2298 Broderick, San Francisco.
Architect...None.
Day's work. COST, \$1000
- (1706) W TENTH AVE 295 N Fulton. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500
- (1707) NO. 2202 JACKSON. Repair residence.
Owner.....J. C. Bach, 232 Montgomery San Francisco.
Architect...None.
Day's work. COST, \$400
- (1708) N INNES 259 E Flitch (rear). One-story frame dwelling.
Owner.....State Board Harbor Commissioners, Ferry Bldg., San Francisco.
Architect...Jerome Newman, Ferry Bldg., San Francisco.
Contractor...C. H. Witham, Ferry Bldg., S. F.
COST, \$500
- (1709) SE TWENTY-SECOND AND Eureka E 23-9xS 60. All work for 1-story frame building (store and 3 living rooms).
Owner.....Mrs. Hannah Howarth, 2 Merritt, San Francisco.
Architect...Plans by J. E. McCarthy, Anglo Bldg., S. F.

San Francisco.

Contractor, Richard Fahy, 518 Noe, San Francisco
Filed May 3, '13. Dated April 3, '13.
Frame up\$561.25
Brown coated561.25
Completed and accepted.....561.25
Usual 35 days.....561.25
TOTAL COST, \$2,245.00
Bond, none. Limit, 45 days. Forfeit, none. Plans and specifications filed.

(1710) SE FOURTH AND MARKET (located in lobby). Store fitting in store.
Owner.....Lewis Sample Shoe Co., Inc Pacific Bldg., S. F.
Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
Contractor...Braas & Kuhn, 58 Dearborn, San Francisco.
Filed May 3, '13 Dated April 24, '13.
On 1st of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$1795
Bond, \$897.50. Sureties, T. H. Bannumann and J. J. Dempsey. Limit, May 23. Forfeit, none. Plans and specifications filed.

(1711) SE TAYLOR AND GEARY E 87-6XS 137-6. "Structural steel and iron riveting and painting same for 14-story Class "A" hotel building.
Owner.....Clift Estate Co., 1st National Bank Bldg., S. F. by P. J. Walker Co. Agents, Monadnock Bldg., S. F.
Architect...G. A. Applegarth, Call Bldg San Francisco.
Contractor...Francis Dykes and Forsyth Wickes, receivers Milliken Brothers, Inc., Humboldt Bank Bldg., S. F.
Filed May 3, '13. Dated April 12, '13.
On 1st and 15th of each month.....75%
Usual 35 days.....25%
TOTAL COST, \$121,000
Bond, \$60,500 Surety, Fidelity & Deposit Co. of Maryland. Limit, Oct. 11, '13. Forfeit, \$100. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

April 23, 1913—SE TWENTY-FIRST 87-10 SW Worth SW 12-5 1/2 to Grand View Ave SW 51-8 S 19 E 14-3 1/4 N 55-6 ptn Lot 3 Blk 5 Noe Garden Hd. Maria Olsen to whom it may concern.....April 21, 1913
April 26, 1913—BLK BDED BY DUNCAN, Valencia, Army and San Jose Ave. St. Luke's Hospital to Cameron & Disston.....April 24, 1913
April 26, 1913—S GOLDEN GATE Ave and Hyde. Joseph Estate Co to John E Beck.....April 25, 1913
April 26, 1913—GREENWICH NO. 1918. Adolph and Mathilda Spandau to J J Harcom.....April 24, 1913
April 26, 1913—S SUTTER 137-6 E Larkin E 57-6 S 110-8 E 40 S 26-10 W 97-6 N 137-6. Winslow Anderson to T. C. Continental Fireproof Co.....April 25, 1913
April 26, 1913—S DAY 257 W Noe 25X 111. Meta Schunter to W G McFarland.....Feb. 4, 1913
April 28, 1913—S UNION 91-4 E Mason 24-9X75. R Martini to S Montani and G Stefanini.....April 26, 1913

April 28, 1913—NE FULTON & PARK-Ave E 175XN 275. The President and Board of Trustees of Saint Ignatius College Inc to John H Lemon and J H Lemon & Sons.....April 25, 1913
April 28, 1913—SW SEVENTH 150 SE Folson S 25 SW 80 NW 25 NE 80. Louis Abrams to Marvin G Lemons.....April 25, 1913
April 28, 1913—SW GREEN & BRODERICK 35 on Broderickx100 on Green. Joseph Pasqualetti and P Barale to whom it may concern.....April 26, 1913
April 29, 1913—E TEXAS 123 S 20th 20-5 on Texas rear, width 43-9, depth 100. Johan Kundsens to whom it may concern.....April 29, 1913
April 29, 1913—NE VAN NESS AVE & Vallejo N 96XE 95. George Wagner Co to whom it may concern.....April 28, 1913
April 29, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Philip Schuyler.....April 9, 1913
April 29, 1913—S BRYANT & ZOE SW 125XSE 160. Shreve & Co to W Heidt Cornice Works.....April 23, 1913
April 29, 1913—E SHOTWELL 57-6 N 23rd N 25XE 97-6. Isaac and Rachael Nathan or Nathan to James M Bailey.....April 28, 1913
April 30, 1913—S O'FARRELL 50 E Broderick E 25X S 57-6. L Burley Ham to Geo V McCausland.....April 29, 1913
April 30, 1913—S MARKET & BRADY SW 75XE 124. The Sierra Investment Co to H D Samuels Roofing Co.....April 24, 1913
April 30, 1913—SW FIFTH & Natomas 55X75. Boyd Investment Co to Sydney Watson and A W Bryant.....April 16, 1913
April 30, 1913—SE VAN NESS AVE & Austin Ave S 70 E 95 S 50 E 31-9 N 120 W 126-9. I L Rosenthal and M Sondheimer to whom it may concern.....April 25, 1913
May 1, 1913—W TENTH AVE 50 S California. O E Anderson to whom it may concern.....Completed
May 1, 1913—SE GEARY & POLK E 52-9XS 120. Jas P Sweeney to Ruegg Bros.....April 18, 1913
May 1, 1913—N GEARY 82-6 W Polk W 27-6XN 120. Gustave Lachman to Ruegg Bros.....April 23, 1913
May 1, 1913—SW SAN BRUNO AVE 65 NW Silliman NW 32XSW 120 ptn Blk 1 University Md. Adeline D DeNell Williams, Dora C Meherin, Jos Cereghino and Erminia Lerarl to Michael Brueck.....April 26, 1913
May 1, 1913—S MARKET & BRADY SW 75XE 124. Sierra Invest Co to Forreder Cornice Co.....April 30, 1913
April 30, 1913—S MISSION 277-8 E 5th E 53-7XS 160. W J Somers Co to G P W Jensen.....April 28, 1913
May 2, 1913—W TWENTY-FIFTH AVE 316 N Lake N 26XW 120. Peter Kocelj to whom it may concern.....April 30, 1913
May 2, 1913—N BAY, bet Leavenworth and Hyde 25 ft. front N 137-6 XE 25. Chris Hansen to Kelly C Gardener.....May 2, 1913
May 2, 1913—BLK, BDED BY ARMY, Valencia, Duncan and San Jose Ave St. Luke's Hospital to J E O'Mara.....Completed
May 2, 1913—N PILBERT 137-6 W Scott W 41-8X193. Frank Anrys to A H Wilhelm.....April 29, 1913
May 2, 1913—S PACIFIC AVE 137-6 W Laurel W 35X S 100. Mabel H Beedy to Collman & Collman.....April 28, 1913

April 26, 1913—NE ELLIS & POWELL N 115XE 64-3. A S Sarsl vs Mary P Payne, Pabst Brewing Co, Shroder Cafe Co, Inc.....\$62.50
April 30, 1913—W WEBSTER 75 N Sutter N 66-8XW 100. George E Erlin vs Mathilde Profpe, Eldorado Bldg Co.....\$917
May 1, 1913—N SUTTER 175 W Fillmore W 50XN 137-6. Pioneer Plate & Window Glass Co vs J E McCormack, Home Amusement Co, (co-partners), Frank Sutton, Edgar R Redlick and Howard J Roberts and Chas King & Co.....\$270.81
May 1, 1913—W ATHENS 318 S French S 37-9 m or l x W 100; No. 734 Athens. Jno Carlson vs Louis Levy and J M Andersen.....\$48.25
May 1, 1913—W WEBSTER 75 N Sutter N 66-8XW 100. C Carnevali Marble & Mosaic Co vs Mathilde Profpe and Ware-Hodgkins Lumber Co.....\$120
May 1, 1913—E SANCHEZ 30 S 27th S 25XE 80. Chas G Stuhr vs Catherine McCarthy and E Helms.....\$239.10

OAKLAND AND ALAMEDA

RESIDENCE — 2 story and base, frame, \$12,000. Berkeley, Alameda Co. Cal. Architect, Harris Allen, 2514 Hilleglass Ave., Berkeley. Owner, Alice Skyes. The dwelling will be erected in the Northbrae Tract and will contain in the neighborhood of nine rooms and several baths. There will also be two sleeping porches and a garage. Interior will be finished in pine, hardwoods and white enamel. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Hardwood floors will be used in the living and dining rooms and reception hall. Exterior of the house will be covered with shingles. Plans are complete and figures are now being taken by the architect.

RESIDENCE — 2 story and base, frame, \$15,000. Berkeley, Alameda Co. Cal. Architect, W. H. Ratcliffe, First National Bank Bldg., Berkeley. Owner, T. M. Sherman. The house will be erected at the corner of Dwight Way and Piedmont avenue, and will contain 12 rooms, two baths and a sleeping porch. Interior finish will be of pine, hardwoods and white enamel. There will be furnace heat and open fire places. Mantels will be of brick and tile. All floors will be of oak except in the bath rooms, which will have composition floors and tile wainscot. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BUNGALOW—1 1/2 story and base, frame, \$3,000. Berkeley, Alameda Co. Cal. Architect, none. Owners, Patrick Nelson Co., 2025 Addison St., Berkeley. The house will contain seven rooms and bath. Interior finish will be largely of pine with some hardwood veneer in the living and dining rooms. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. The tile will be used in

the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor. The owners are now purchasing all materials.

BUNGALOW—1 story and base, frame, \$2,200. Oakland, Cal. Architects, Newson & Dixon, 812 Broadway, Oakland. Owner, R. A. McWilliams. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout with hardwood floors in the living and dining rooms and reception hall. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath and shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base. **APARTMENT HOUSE**—3 story and base, frame. Cost not stated. Oakland, Cal. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, R. J. O'Connell. The building will be erected at the corner of 40th and Diamond streets and will cover an area of 43x105 feet. Interior will be arranged for eight suites of three rooms and bath each. All suites will have sleeping porches and will be fitted with wall beds. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. A central heating system will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared and figures will be called for shortly.

APARTMENT HOUSE—2 story and base, concrete. Cost not stated. Oakland, Cal. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, R. J. Morse. The building will be erected at the corner of 40th and Opal streets and will be arranged for two stores on the first floor and two and three room suites on the upper floor. Interior will be finished in pine and hardwood. There will be connecting baths and wall beds. Tile will be used in the bath rooms. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SCHOOL—2 story and base. Class A construction, \$160,000. Oakland, Cal. Architect, J. J. Donovan. Security Bank Bldg., Oakland. Owners, City of Oakland. Plans have been approved for the Durant School, which is to be located on West street between 28th and 29th streets. The building will contain 18 class rooms and assembly hall. Construction will be fireproof throughout. The exterior of the building will be faced with pressed brick and cement plaster. Bids will be called for the work very shortly.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architect, J. J. Donovan. Security Bank Bldg., Oakland. Owners, City of Sacramento. Architect Donovan has been commissioned to prepare plans for another of the Sacramento schools. The building will be as large as the school for which Architects Shea & Lofquist are preparing plans and which is to cost \$180,000. No details of construction can be given at this time as plans have not progressed far enough. The building will be located on Cypress avenue between Rainford and Spofford avenues.

STORES AND LOFTS—2 story and base, brick, \$15,000. Oakland, Cal. Ar-

chitect, Clay N. Burrell, Albany Bldg., Oakland. Owners, Morris and Mullin. The building will be erected on 14th street east of Grove and will contain stores on the first floor and large light lofts above. There will be a freight elevator. Interior finish will be of pine. There will be metal window sash and frames. The exterior of the building will be faced with pressed brick. Patent store fronts are specified. Plans are complete and in the hands of the owners who will do the work by Day Labor. All materials are now being purchased.

OFFICE BUILDING—11 story and base. Class A construction. Cost not stated. Oakland, Cal. Architects, L. B. Dutton & Co., Chronicle Bldg., S. F. Owners, First Trust and Savings Bank, Oakland. The building will be erected at the corner of 16th and San Pablo avenue and has been mentioned in these columns before. A contract for the steel work has been let and bids are now being taken for the general construction. The building will contain the banking quarters of the owners, which will occupy nearly the entire ground floor and basement. Upper floors will be arranged for modern offices both as single offices and ensuite. Plans provide for steam heat, elevator service, mail chutes and a vacuum cleaning system. There will be a complete steel frame with concrete and brick walls faced with pressed brick and terra cotta. Interior partitions will be of hollow tile and metal lath and plaster. Interior of the banking rooms will be finished in marble, tile, hardwoods, bronze and ornamental plaster. A general contract will be let shortly.

FLATS—2 story and base, frame, \$8,000. Oakland, Cal. Architects, Newson & Dixon, 812 Broadway, Oakland. Owner, Mr. Gattinay. The building has been designed to contain four flats of four rooms and bath each. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

SCHOOL—2 and 3 story and base, reinforced concrete, \$397,037. Oakland, Cal. Architect, J. J. Donovan. Security Bank Bldg., Oakland. Owners, City of Oakland. Contractors, Williams Bros. & Henderson, Holbrook Bldg., S. F. Contract price, \$397,037.

Building Contracts Awarded.

Oakland.

1327	Marquise	Marquise	1500
1329	Schmitz	Schmitz	1500
1330	Sheridan	Sheridan	2500
1331	Cosgrove	Davis	3578
1332	Rinehart	Scott	2900
1333	Wood	Scott	2350
1334	Hines	Hines	2200
1335	Roth	Roth	1800
1336	Fabing	Fabing	1800
1337	Intbur	Decker	2300
1338	Willard	Ploeger	3900
1339	Heesman	Central	12200
1340	Downey	Haves	1400
1341	Downey	Haves	1400
1342	Hulse	Hulse	500
1343	Lundstrom	Bay City Cab	500
1345	Le Laure	Corbett	450
1346	Hoffman	Thompson	600
1347	Kirney	Kirney	3200

1348	Bell	Stewart	2250
1349	Bather	Knight	2100
1350	Heineman	Dingwall	4000
1351	Devoust	Legault	8000
1352	Corvass	Lodge	2600
1353	Sheffmann	Morgenson	2500
1361	McArthur	McArthur	2000
1363	Gibson	Gibson	1600
1364	M E Church	Lucas	1000
1365	Anderson	Anderson	1609
1366	Severy	Lorenzen	2000
1367	United Hm Bldrs	Owner	2500
1368	McLean	Davis	500
1369	Eichler	Burke	3175
1370	1st Pres Ch	Day	6066
1372	Hume	Harris	400
1373	McLean	Wood	500
1374	Barnes	Sullivan	1000
1375	Kaufman	Hollenbeck	2250
1376	Olsen	Hollenbeck	2600
1377	Gunnison	Gunnison	1600
1380	Heilmann	Durwell	450
1381	Pac Gas & Elec	Rosch	1325
1382	Bennett	Wheeler	2500
1383	Freerberg	Hartwig	1500
1384	Berry	Waller	2500
1385	Downey	Haves	1400
1386	Kley	Kley	1950
1388	Johnson	Anguin	3750
1391	Corwall	Lodge	2636
1392	Dalziel	Kurtz	422
1394	Hourigan	Hourigan	1000
1395	Chinnell	Bourne	400
1396	Lawson	Bruce	400
1398	Walsh	Walsh	400
1399	Vandenpeersboom	Anderson	1000
1400	Clark	Clark	1900
1401	Federson	Johnson	1750
1402	Athenian	Hinch	450
1403	Hinch	Hinch	2500
1405	1st Pres Ch	Whitaker	3750

(1327) E ROSEDALE 60 S Carrington, Oakland. One-story 5-room dwelling. Owner, E. M. Marquis, 2327 Russell, Berkeley.

Architect...None.
Day's work. COST, \$1500

(1329) W CALIFORNIA 95 N Ashby, Oakland. One-story 5-room dwlg. Owner, C. Schmitz, 467 Hudson, Oakland.

Architect...None.
Day's work. COST, \$1900

(1330) S WENTWORTH 200 W Penvenue Ave, Oakland. One-story 5-room dwelling.

Owner, K. M. Sheridan, 1020 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2500

(1331) NO. 718 E-TWENTY-SECOND, Oakland. Alter dwelling into flats. Owner, Mrs. M. Cosgrove, 435 Andover, Oakland.

Architect...None.
Contractor, Wm. Davis, Builders' Exchange, Oakland.
COST, \$3575

(1332) SE SEVENTH AVE & E-14TH, Oakland. Two-story 8-room dwlg.

Owner, W. B. Rinehart, 1007 Broadway, Oakland.
Architect, A. W. Smith, 1004 Broadway, Oakland.

Contractor, G. A. Scott, 685 23rd, Okd.
COST, \$2900

(1333) W HILLSIDE AVE 120 S Forttune Way, Oakland. One-story 6-room dwelling.

Owner, H. L. Wood, 2300 Feninary Ave, Oakland.
Architect...None.
Day's work. COST, \$2350

(1334) N TOMKINS 76 E Huntington Ave, Oakland. Two-story 6-room dwelling.

Owner, Perry Hines, 4426 Francis, Oakland.
Architect...None.
Day's work. COST, \$2200

(1333) N MONTANA 120 W Fruitvale Ave. Oakland. One-story five-room dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave. Oakland.
Architect...None.
Days work COST, \$1800

(1334) W THIRTEENTH AVE 75 N. Oakland. One-story five-room dwelling.
Owner.....P. N. Felling, 1135 E-32rd. Oakland.
Architect...None.
Days work COST, \$1800

(1337) LOT 12 BLK 9 Steinway Terrace, Oakland. All work for one-story dwelling.
Owner.....Charles C. Linthurst, 1054 71st Ave., Oakland.
Architect...None.
Contractor...C. L. Decker Co.

Filed April 28, '13. Dated April 23, '13.
On start of building \$1100 consisting of clear deed to Lot 13 Blk 9, Steinway Terrace.
Said faction of land \$1200 to consist of proceeds of 1st mortgage or Deed of Trust on Lot 12, same map, payable in monthly installments of \$20 per month including interest at 7%.....

TOTAL COST, \$2300
Bond, \$1150. Surety, American Bonding Co. Limit, 66 days. Forfeit, \$10. Plans and specifications filed.

(1338) SE BAY VIEW AVE 399.07 SW Bay View Terrace SW 40 SE 115 NE 40 NW 115, Oakland. All work for one and one-half-story dwelling.
Owner.....Thomas H. and Mary Effie Willard, 1526 Francisco, Berkeley.

Architect...None.
Contractor...J. M. Ploeger, 3265 26th, San Francisco.

Filed April 28, '13. Dated April 23, '13.
Frame up\$975
Brown coated 975
Completed and accepted..... 975
Usual 35 days..... 975

TOTAL COST, \$3900
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1343) NW FIFTEENTH AND WASHINGTON N along Washington 69.58 W 59.34 S 30.92 E 44.98, Oakland. Structural steel work for six-story and barement Class "C" loft building.
Owner.....Chas. L. Hoffman and Chas. J. Heeseman, 13th and Washington, Oakland.

Architect...O'Brien & Werner, 68 Post, San Francisco.

Contractor...Central Iron Works, 651 Florida, San Francisco.

Filed April 28, '13. Dated April 26, '13.
1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$12,200
Bond, \$3650. Sureties, S. S. Green and Natalie Olivoth. Limit, 83 days. Forfeit, \$25. Plans and specifications filed.

(1341) W FIFTIETH AVE 233 S E-14th, Oakland. One-story 4-room dwelling.

Owner.....C. Downey, 2926 Chestnut, Oakland.

Architect...None.
Contractor, G. F. Hayes, 2926 Chestnut, Oakland.

COST, \$1400

(1342) W FIFTIETH AVE 200 S E-14th, Oakland. One-story four-room

dwelling.
Owner.....C. Downey, 2926 Chestnut, Oakland.
Architect...None.
Contractor, G. F. Hayes, 2926 Chestnut, Oakland.

COST, \$1400

(1343) NO. 5768 VINCENTE, Oakland Alterations and repairs.
Owner.....Frank L. Hulse, Premises.
Architect...None.
Day's work COST, \$500

(1344) NO. 1113 BROADWAY, Oakland. Alterations.
Owner.....Lundstrom Hat Works, Premises.
Architect...None.
Contractor...Bay City Cabinet Co., 1050 Fifth, Oakland.

COST, \$500

(1345) NO. 435 ELEVENTH, Oakland. Alterations.
Owner.....C. A. Le Leure, Premises.
Architect...None.
Contractor...Corbett & Bayliss, 1110 Franklin, Oakland.

COST, \$450

(1346) NO. 553 OAKLAND AVE., Oakland. Alterations.
Owner.....F. I. Hoffman, Premises.
Architect...None.
Contractor...Jno. Thompson, 703 Oakland Savings Bank, Okd.

COST, \$600

(1347) S CLARK AVE 558 N El Centro Oakland. Two-story 8-room dwlg.
Owner.....C. H. Kinney, 5788 Vincente, Oakland.
Architect...None.
Day's work COST, \$3200

(1348) N APGAR 500 W Market, Oakland. One-story 5-room dwelling.
Owner.....Glenn R. Bell, 616 41st, Oakland.

Architect...None.
Contractor...B. A. Stewart, 616 41st, Oakland.

COST, \$2250

(1349) SE OLIVE & AUSEON, Oakland One-story 6-room dwelling
Owner.....H. B. Bather, 1725 Broadway, Oakland.

Architect...None.
Contractor...H. C. Knight, 1725 Broadway, Oakland.

COST, \$2400

(1350) W TWENTY-FOURTH AVE N E 21st, Oakland. One-story 6-room dwelling.

Owner.....Dr. J. F. Heineman, Prem.
Architect...Chas. Mau, Macdonough Bldg., Oakland.

Contractor...J. F. Dingwell, 2021 West, Oakland.

COST, \$4000

(1351) N EIGHTH 150 W Brush, Oakland. Three-story 18-room apartments.

Owner.....M. Devoust, 766 8th, Okd.
Architect...W. G. Mitchell, 742 Market, San Francisco

Contractor...O. Legault, 3136 West, Oakland.

COST, \$3000

(1352) E REDWOOD ROAD opp. McGee's Gates, Oakland. One-story 4-room dwelling.

Owner.....A. F. Cornwall, 259 Adams Oakland.

Architect...A. W. Smith, 1010 Broadway, Oakland.

Contractor...C. E. Lodge, 5471 Princeton, Oakland.

COST, \$2600

(1358) N THIRTY-EIGHTH 165 N Grove, Oakland. One-story five-room dwelling.

Owner.....A. Sheffmann, 850 16th, Okd.
Architect...None.
Contractor...Morgenson Bros., 554 63rd, Oakland.

COST, \$2500

(1361) N SIXTY-FIFTH AVE 80 S Arthur, Oakland. One-story five-room dwelling.

Owner.....McArthur Bros., 1560 Fell, San Francisco.
Architect...None.

Day's work COST, \$2000

(1362) E CROSBY AVE 80 S Harper, Oakland. One-story 5-room dwlg.

Owner.....W. A. Gibson, 3536 Harper, Oakland.
Architect...None.

Day's work COST, \$1600

(1364) SW E-THIRTY-EIGHTH AND 14th Ave., Oakland. Church.

Owner.....M. E. Church
Architect...Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor...C. H. Lucas, 1251 Hopkins, Oakland.

COST, \$1000

(1365) E SANTA CLARA AVE 200 S Vale Vista, Oakland. One-story 5-room dwelling.

Owner.....Mrs. K. Anderson, 460 Jean, Oakland.
Architect...None.

Contractor...P. A. Anderson, 460 Jean, Oakland.

COST, \$1600

(1366) E RANSOME 240 N Carrigan, Oakland. One-story 4-room dwlg.

Owner.....Mrs. F. M. Severy, 1910 13th Ave., Oakland.
Architect...None.

Contractor...F. N. Lorenzen, 6145 Fremont, Oakland.

COST, \$2000

(1367) W LAKE AVE 185 S Greenbank Ave., Piedmont. One-story bungalow.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.
Architect...None.

Day's work COST, \$2500

(1368) N E-TWENTY-SECOND 100 E Seventh Ave 50x150, Oakland. All work for alterations and additions to two-story frame flat building.

Owner.....Margaret Cosgrove, 718 E-22nd, Oakland.
Architect...None.

Contractor...Wm. Davis & Son, 1011 Franklin, Oakland.

Filed April 30, '13. Dated April 29, '13.
Frame up\$922
Enclosed and 1st coat plaster on 322

Completed 922
Usual 35 days..... 922

TOTAL COST, \$3688
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1369) S CRESCENT Pkn NE 1/2 Lot 11 Blk "T" Oakland Heights, Oakland. All work for one-story 6-room dwlg.

- Owner.....Frank J. Eichler, 3444 Elm Oakland.
 Architect...None.
 Contractor...Oscar L. Burritt, 824 57th, Oakland.
 Filed April 30, '13. Dated April 30, '13.
 Rough frame up.....\$900
 Plaster on.....900
 Notice of completion filed.....700
 Usual 3" days.....675
TOTAL COST, \$3175
 Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.
- (1370) NW BROADWAY AND N 26TH W along 26th 153.63 N 233.20 E 199.94 S 52.13 SW 187, Oakland. Lighting fixtures for reinforced concrete church and parish house.
 Owner.....First Presbyterian Church of Oakland.
 Architect...Wm. C. Hays, 68 Post, S. F.
 Contractor...Thomas Day Co., 725 Mission, San Francisco.
 Filed April 30, '13. Dated.....
 Completion of installation.....75%
 Usual 35 days.....25%
TOTAL COST, \$6066
 Bond, \$3033. Surety, Title Guaranty & Surety Co. Limit, 30 days for parish house; 45 days for main church. Forfeit, none. Plans and specifications filed.
- (1372) SW E-SEVENTEENTH AND 9th Ave., Oakland. Addition.
 Owner.....M. D. Hume.
 Architect...None.
 Contractor...Harris & Hudson, 1957 E-38th, Oakland.
COST, \$400
- (1373) W UNION 40 N Fifth, Oakland. One-story gymnasium.
 Owner.....James McLean.
 Architect...None.
 Contractor...J. W. Wood, 1195 7th, Okd.
COST, \$500
- (1374) NO. 4628 FORTY-SEVENTH Ave., Oakland. Addition and repairs.
 Owner.....Misses Otta Midge and Fay Barnes.
 Architect...None.
 Contractor...Sullivan Bros., 6452 Harmon Court, Oakland.
COST, \$1000
- (1375) NW FIFTY-FOURTH AVE & Nadean Place, Oakland. One-story 6-room dwelling.
 Owner.....Katrina Kauffman, 1646 54th Ave., Oakland.
 Architect...None.
 Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.
COST, \$2250
- (1376) E RANDOLPH AVE 260 N E-38th, Oakland. One-story 6-room dwelling.
 Owner.....O. F. Olsen, 22 Napier Ave., Oakland.
 Architect...None.
 Contractor...G. B. Hollenbeck, 5210 Fairfax Ave., Oakland.
COST, \$2600
- (1377) E FIFTIETH AVE 500 N E-14th, Oakland. One and one-half-story 6-room dwelling.
 Owner.....A. Gunnison, 1510 50th Ave., Oakland.
 Architect...None.
 Day's work.....
COST, \$1000
- (1380) NW TWENTY-FOURTH AVE 50 NE E-21st NE 37½ NW 118 ft. 10 in., Oakland. All work for one-story 6-room dwelling.
 Owner.....J. M. Helminmann, 2226 E-27th, Oakland.
 Architect...Chas. F. Mau, Macdonough Bldg., Oakland.
 Contractor...J. E. Dingwell, 1011 Franklin, Oakland.
 Filed May 1, '13. Dated May 1, '13.
 As work progresses.....75%
 Usual 35 days.....25%
TOTAL COST, \$3174
 Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
- (1381) BOUNDED ON N BY FIRST, W by Grove, E by Jefferson and on S by land belonging to City of Oakland, Oakland. Plastering for extension to steam turbine station known as Station "C".
 Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.
 Architect...None.
 Contractor...Herman Bosch, 4420 20th, San Francisco.
 Filed May 1, '13. Dated April 28, '13.
 Completed and accepted.....75%
 Usual 35 days.....25%
TOTAL COST, \$1325
 Bond, \$665. Surety, Massachusetts Bonding & Insurance Co. Limit, 35 days. Forfeit, none. Plans and specifications filed.
- (1382) SE PIEDMONT AVE 110 N Linda Ave., Oakland. One and one-half-story 3-room dwelling.
 Owner.....M. W. Bennett, 1706 Telegraph Ave., Oakland.
 Architect...None.
 Contractor...C. C. Wheeland, Oakland.
COST, \$2500
- (1383) E FIFTY-FIRST AVE 200 S Bond, Oakland. One-story 5-room dwelling.
 Owner.....P. Freeberg, 1638 51st Ave., Oakland.
 Architect...None.
 Contractor...Carl Hartwig, 1601 51st Ave., Oakland.
COST, \$1500
- (1384) S E-TWENTY-EIGHTH 40 E 19th Ave., Oakland. One-story 6-room dwelling.
 Owner.....G. T. Berry, 5917 Brown, Oakland.
 Architect...None.
 Contractor...Wallace & Berry, 5917 Brown, Oakland.
COST, \$2500
- (1385) W FIFTIETH AVE 266 S E-14th, Oakland. One-story 5-room dwelling.
 Owner.....Mary Downey, 2026 Chestnut, Oakland.
 Architect...None.
 Contractor...G. F. Hayes.
COST, \$1400
- (1386) N SANTA RITA 60 W Rosedale Oakland. One-story 6-room dwlg.
 Owner.....Fred Kley, 883 Athens Ave., Oakland.
 Architect...None.
 Day's work.....
COST, \$1980
- (1387) W MANILA AVE 370 S Clifton Oakland. One-story 5-room dwlg.
 Owner.....Earnest Ford, 321 Hudson, Oakland.
 Architect...None.
 Contractor...O. M. Bullock, 1952 Broadway, Oakland.
COST, \$2000
- (1388)* N OCEAN VIEW AVE 210 W Valley Road, Oakland. One-story 6-room dwelling.
 Owner.....E. A. Johnson, 2955 Piedmont Ave., Berkeley.
 Architect...None.
 Contractor...E. Anguin, 2955 Piedmont Ave., Berkeley.
COST, \$3750
- (1392) E REDWOOD ROAD opp McGee's Gates being Lots 8, 9, 10 Brooklyn Homestead Addition Ass'n., Oakland. All work for one-story dwlg.
 Owner.....Maybelle H. Cornwall, 259 Adams, Oakland.
 Architect...A. W. Smith, 1004 Broadway, Oakland.
 Contractor...C. F. Lodge, 5471 Princeton, Oakland.
 Filed May 2, '13. Dated May 2, '13.
 Frame up.....\$576.70
 Enclosed.....700.00
 Completed and accepted.....660.00
 Usual 35 days.....700.00
TOTAL COST, \$2636.70
 Bond, none. Limit, July 2. Forfeit, \$1. Plans and specifications filed.
- (1393) N FIFTEENTH 60 E Clay E 120 N 93 ft. 9 in. NW 14 ft. and 7-10 in. W 110 S 103 ft. 9 in., Oakland. Electric wiring for lighting and power and conduit for telephone system for six-story and basement reinforced concrete office building.
 Owner.....Robert Dalziel Co., 218 1st, San Francisco.
 Architect...Milwain Bros., Delger Bldg., San Francisco.
 Contractor...Otto Kurtz, 526 Pine, S. F.
 Filed May 2, '13. Dated April 29, '13.
 15th day of each month.....75%
 Usual 35 days.....25%
TOTAL COST, \$1131
 Bond, \$2070. Sureties, F. A. and Wm. Kurtz. Limit, before general contract Completed. Forfeit, none. Plans and specifications filed.
- (1394) NO. 2227 EIGHTY-FOURTH Ave., Oakland. One-story 5-room dwelling.
 Owner.....Thos J. Hourigan.
 Architect...None.
 Day's work.....
COST, \$1000
- (1395) NO. 2835 WEBSTER, Oakland. Alterations.
 Owner.....D. B. Chinnell, 2831 Webster, Oakland.
 Architect...None.
 Contractor...John Bourne, — 55rd, Okd.
COST, \$100
- (1396) N E-FIFTEENTH 75 E Fifth Ave., Oakland. Alterations.
 Owner.....E. R. Lawson, 1510 5th Ave., Oakland.
 Architect...None.
 Contractor...J. C. Bruce, 2201 42nd Ave., Oakland.
COST, \$400
- (1398) NO. 2631 ADELINE, Oakland. Repairs.
 Owner.....Mrs. M. J. Walsh, Premises
 Architect...None.
 Contractor...M. J. Walsh, Premises
COST, \$400
- (1399) W ALICE 75 N Seventh, Oakland. One-story galvanized iron auto shed.
 Owner.....G. Vendenpeersboom, 2043 Oakland Ave., Oakland.
 Architect...None.

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Cont actor Jim Anderson, 1122 Broadway, Oakland.

COST, \$1000

(1100) S E SEVENTEENTH 106 E 53th Ave. Oakland. One-story 5-room dwelling.

Owner.....D. E. Clark, 5526 E-13th, Oakland.

Architect...None.
Day's work. COST, \$1900

(1101) S LLOYD AVE 50 W Cypress Way, Oakland. One and one-half-story five-room dwelling.

Owner.....Henry Pederson, 3411 Lloyd Ave., Oakland.

Architect...None.
Contractor...Louis Johnson, 1732 Ward, Berkeley.

COST, \$1750

(1102) FOURTEENTH & FRANKLIN, Oakland. Alterations.

Owner.....Athenian Club, Premises.

Architect...None.
Contractor...Oliver Duval & Son, 1st National Bank Bldg., Okd.

COST, \$450

(1103) S WESLEY 290 W Newton, Oakland. One-story 5-room dwelling.

Owner.....Jos. T. Hinch, 1542 Broadway, Oakland.

Architect...None.
Day's work. COST, \$2500

(1105) OAKLAND. Seating for church (owner)...First Presbyterian Church of Oakland.

Architect...Wm. C. Hays, 68 Post, San Francisco.

Contractor...Whitaker & Ray-Wiggin Co., 770 Mission, S. F.

Filed May 3, '13. Dated April 5, '13.

Cash within 10 days after completed and accepted subject to 2% Pew ends each.....\$6.40

Choir stall ends each.....7.78

Pew body per lin. ft.....1.80

Book racks......32

TOTAL COST, \$3780

Bond, \$1850. Surety, Chas. W. Wiggin.

Limit, 90 days. Forfeit, cancel contract. Plans only filed

Building Contracts Awarded

Berkeley.

1328 Gimbel	Pinkerton	6300
1353 Martin	Martin	750
1354 Pattinson	Pattinson	3000
1355 Alpha Phi	Nelson	9300
1356 Garden	Allen	4300
1357 Ala Co Hm Inv.	Stoddard	4240
1362 Peske	Peske	2500
1378 Moore	Boucke	6000
1379 Bell	Peterson	16625
1397 Metzke	Metzke	750

(1328) NE SAN PABLO AND ADDISON Berkeley. Two-story Class "C" store and flat building.

Owner.....Frank Gimbel, 7th near Jones, Berkeley.

Architect...None.

Contractor...J. A. Pinkerton, 1931 Berryman, Berkeley.

COST, \$6900

(1355) W SACRAMENTO 100 N Delaware, Berkeley. Alterations.

Owner.....Carl Martin, 1527 San Pablo Ave., Oakland.

Architect...None.
Day's work. COST, \$750

(1354) — ALAMEDA 173 N Los Angeles Ave., Berkeley. Two-story 8-room dwelling.

Owner.....J. Pattinson, 2060 Fell, San Francisco.

Architect...None.
Day's work. COST, \$3000

(1355) LOT 10 BLK 21 Daley Scenic Tract, Berkeley. All work for two-story and basement and attic frame dwelling.

Owner.....Building Corporation of Alpha Phi, Berkeley.

Architect...Harris Allen, 2514 Hille-gass Ave., Berkeley.

Contractor...Patrick Nelson Bldg. Co., 2025 Addison, Berkeley.

Filed April 29, '13. Dated April 23, '13.

Frame up 1/4

1st coat plaster on 1/4

Completed and accepted and notice filed 1/4

Usual 35 days 1/4

TOTAL COST, \$9800

Bond, \$4900. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1356) LOT 16 BLK "B" Claremont Court, Berkeley. Excavation, concrete and cement, iron and steel, brick work, lumber, mill work, carpentry, rough hardware, exterior and interior plastering and sheet metal work for two-story and basement dwelling and garage.

Owner.....Mrs. Edith Garden, Bkly.

Architect...Edward G. Garden, Phelan Bldg., San Francisco.

Contractor...F. E. Allen, Oakland.

Filed April 29, '13. Dated April 29, '13.

Frame up\$ 900

Rough plastering completed..... 900

Completed 1250

Usual 35 days..... 1250

TOTAL COST, \$4300

Bond, none. Limit, 90 days. Forfeit, \$1. Plans and specifications filed.

(1357) E COLLEGE AVE 100 S Channing Way, Berkeley. Heating and plumbing for three-story and basement frame apartment building.

Owner.....Alameda County Home Investment Co., 1st National Bank Bldg., Berkeley.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Bkly.

Contractor...George Stoddard, 2101 University Ave., Berkeley.

Filed April 29, '13. Dated April 19, '13.

30 days statements..... 75%

TOTAL COST, \$4240

Bond, \$2120. Surety, U. S. Fidelity & Guaranty Co. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.

(1362) W GROVE 258 N Berryman, Berkeley. One-story 5-room dwlg.

Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.

Architect...None.

Day's work. COST, \$2500

(1378) W ARCH 200 N Hearst Ave., Berkeley. Two-story 11-room dwlg.

Owner.....Mrs. R. H. Moore, 1809 Euclid Ave., Berkeley.

Architect...None.

Contractor...A. H. Boucke, 2321 Clement, San Francisco.

COST, \$6000

(1379) LOTS 14 AND 15 Upper Claremont Baum's Sbdvn, Berkeley. All work for two-story and basement 14-room dwelling.

Owner.....Mrs. E. J. Culver-Bell Berkeley.

Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.

Contractor...A. Peterson, Berkeley.

Filed May 1, '13. Dated April 30, '13.

Frame up 1/4

Brown coated 1/4

Completed and accepted..... 1/4

Usual 35 days..... 1/4

TOTAL COST, \$16,625

Bond, none. Limit, 140 days. Forfeit, none. Plans and specifications filed

(1397) S DERRY 140 E Mathews, Berkeley. One-story 4-room dwelling.

Owner.....C. Metzke, 2725 Ward, Bkly.

Architect...None.

Day's work. COST, \$750

Building Contracts Awarded

Alameda.

1340 White	Stewart	1400
1359 Soulogues	Strang	1600
1360 Lank	Lank	1400
1371 Bausch	Andersen	400
1389 White	Stewart	1400
1390 Strang	Strang	2200
1391 Fogle	Vollmer	2060
1404 Blair	Burton	4000

(1340) NO. 2900 LINCOLN AVE., Alameda. All work for one-story frame dwelling.

Owner.....W. A. White, Premises.

Architect...None.

Contractor...G. W. Stewart, 3010 Central Ave., Alameda.

Filed April 28, '13. Dated April 23, '13.

Rafters up\$350

Plaster on 350

Co completed 350

Usual 35 days..... 350

TOTAL COST, \$1400

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1359) NO. 1508 ST. CHARLES, Alameda. One-story dwelling.

Owner.....Rose Soulogues, 1101 Santa Clara Ave., Oakland.

Architect...None.

Contractor...V. N. Strang, 2015 13th Ave., Oakland.

COST, \$1600

(1360) NO. 1723 BAY, Alameda. One-story dwelling.

Owner.....Geo. A. Lank, 1305 Buena Vista Ave., Alameda.

Architect...None.

Day's work. COST, \$1400

(1371) NO. 2044 CENTRAL AVE., Alameda. Alterations to dwelling.

Owner.....Chas. D. Bausch, Premises.

Architect...None.

Contractor...H. C. Andresen.

COST, \$450

(1389) NO. 2900 LINCOLN AVE., Alameda. Repair after fire and addition.

Owner.....W. A. White, Premise.

Architect...None.

Contractor...G. W. Stewart, 3010 Central Ave., Alameda.

COST, \$1100

(1390) NO. 834 PORTOLA AVE., Alameda. One-story 6-room dwelling.

Owner.....F. N. Strang, 1330 Burbank, Alameda.

Architect...None.

Day's work. COST, \$2200

(1391) SE HAIGHT AVE & EIGHTH 32x132 1/2, Alameda. All work for one and one-half-story dwelling.

Owner.....Victor P. Fogle, 1514 8th, Alameda.
 Architect...None.
 Contractor...A. G. Vollmer, 2217 San Ave., Alameda.
 Filed May 2, '13. Dated April 30, '13.
 Frame up\$515
 Enclosed and 1st coat mortar on interior515
 Completed and accepted.....515
 Usual 35 days.....515

TOTAL COST, \$2060
 Bond, \$1000. Sureties, C. J. Hammond and Johanna J. Vollmer. Limit, 65 days. Forfeit, \$2. Plans and specifications filed.

(1404) NW SAN ANTONIO AVE AND Paru, Alameda. All work for alterations and additions to two-story and basement frame dwelling.
 Owner.....R. K. Blair, 1101 Paru, Alameda.
 Architect...Hamilton Murdock & Wm. H. Crim, Jr., San Francisco.
 Contractor...Charles Burton, 2306 San Jose Ave., Alameda.

Filed May 3, '13. Dated May 3, '13.
 Old work torn out and new part enclosed and roof on.....\$1000
 Interior and exterior plaster completed1000
 Completed and accepted and notice filed1000
 Usual 35 days.....1000
 TOTAL COST, \$4000
 Bond, none. Limit, 60 days. Forfeit, \$10. Plans and specifications filed.

Completion Notices.

ALAMEDA COUNTY.

April 25, 1913—LOT 28 BLK "M" Map 4th Ave Terrace, Okd. Frank C Howe to Albert A Haskell.....
April 25, 1913
 April 25, 1913—E GROVE 69.50 N 38th N 29.50x E 97, Okd. John Mitrovich to Alfred Olson.....April 21, 1913
 April 26, 1913—N FIFTY-SEVENTH 100 E Willa Pablo Ave E 37½xN 90, Okd. Willa and Sophie O'Neill to Adolph Morgensen.....April 23, 1913
 April 26, 1913—N SIXTEENTH & Jefferson W along 16th 150 N 85 E 50 N 15 E 100 S 100, Okd. Woodmen of World Bldg Ass'n to J W Eber.....April 21, 1913
 April 28, 1913—S CLIFTON 132½ W Manila Ave W 32.5xS 120, Okd. A H Secombe to whom it may concernApril 28, 1913
 April 28, 1913—LOT 4 and ½ Lot 5 Blk 6 Map East Oakland Heights, Okd. Walter A Butler to A F ElieiApril 18, 1913
 April 29, 1913—PTN LOT 13 BLK 8 Map of Subvn of NE ptn of Sather Tract, Fruitvale, Okd. Maud H Bennett to W H Bocarde April 10, '13
 April 30, 1913—NE SIXTY-FIFTH & Green E along 65th 140xN 155, Emeryville. Rosalie Loustalot to whom it may concern. April 29, 1913
 April 30, 1913—S CHERRY 100 W Canning W 50xS 100, Okd. Delore Roberts to whom it may concern.....April 26, 1913
 May 2, 1913—LOT 5 BLK 7 San Pablo Park, Bkly. F R Peake Co to whom it may concern.....May 2, 1913
 May 5, 1913—NW SIXTEENTH AND Jefferson W along 16th 150 N 85 E 50 N 15 E 100 S 100, Okd. Woodmen of the World Bldg Ass'n to Continental Fireproofing Co and W L Boldt.....April 30, 1913

LIENS FILED.

ALAMEDA COUNTY.

April 25, 1913—E BROADWAY & SE Piedmont Ave NE along Piedmont Ave 29.95 SE 102 SW 40 NW to E In Broadway N along Broadway to pt beg, Okd. Hull Plumbing Co vs Mangus Smith and Geo W Eliassen\$365
 April 25, 1913—LOTS 1 AND 2 Map Oak Park Tract, Okd. Hogan Lumber Co vs Mangus Smith and George W Eliassen.....\$127.75
 April 28, 1913—SE BROADWAY & SE Piedmont Ave NE along Piedmont Ave 29.95 SE 102 SW 40 NW to pt on SE Broadway NE to pt beg, Okd. E K Wood Lumber Co vs Magnus Smith, Haraldina Smith, Geo W Eliassen and M Hammitt.....\$100.05
 April 28, 1913—NE FIFTH AND "L" W along 5th 150xN 50, Livermore. Hodge & Collins Lumber Co vs Hans Anderson\$201.27
 April 29, 1913—LOTS 1 AND 2 Map Oak Park Tract, Okd. Z Hallquist, \$50; Hammond Lumber Co, \$536.50; Conrad Elec Co, \$177.40; Swift & Wilcox, \$234.85; California Standard Planing Mill, \$349.84; J R D Mackenzie, \$30; Pierce Hardware Co, \$103.85 vs Mangus Smith, Geo W Eliassen and M Hammitt.....
 April 30, 1913—LOTS 1 AND 2 Map Oak Park Tract, Okd. Vermont Marble Co, \$184.50; Oakland Mantel Co, \$35; Downey Cavasso Glass & Paint Co, \$176.25 vs Mangus Smith and George W Eliassen.....
 April 30, 1913—E BROADWAY AND SE Piedmont Ave NE along Piedmont Ave 29.95 SE 102 SW 40 NW to E Broadway N to beg, Okd. H D Samuel Co vs Mangus Smith and George W Eliassen.....\$59.60
 May 1, 1913—LOTS 1 AND 2 Map Oakland Park Tct, Okd. Marshall & Stearns Co vs Mangus Smith & George W Eliassen\$41
 May 1, 1913—S FORTY-SEVENTH 392.96 E Market E 50xS 100, Okd. A Brisa & Co vs Carlo Dossa and Giovanna Dossa\$1385
 May 1, 1913—LOT 12 BLK 11 Map Northbrae, Bkly. W P Fuller & Co vs W C Mason.....\$156
 May 1, 1913—N ALBANY TERRACE 92 E Nielson E 31xN 90, Bkly. W P Fuller & Co vs W C Mason.....\$84.28
 May 2, 1913—LOTS 1 AND 2 Map Oak Park Tract, Okd. Edward Mulvihill vs Magnus Smith and Geo W Eliassen\$35
 May 2, 1913—S 94.50 LOT 4 BLK "N" Map No. 2 of subdiv of pt Central Oakland Tract E of Telegraph Ave, Okd. Jenkin Fixture Co vs Carrie M Lassen\$56.40
 May 2, 1913—NE BOULEVARD WAY 84½ NW Girard Ave NW 40 xNE 120, Okd. Panama Lumber & Mill Co vs E and May Oppenheim and Inter Cities Home Bldrs.....\$425.10

SAN JOSE & SANTA CLARA CLARA VALLEY.

Building Contracts.

SANTA CLARA COUNTY.

LOT 41 Pettis Ave near California St., Mountain View. All work for one-story bungalow.
 Owner.....T. F. Culhane, Mt. View.

Architect...None.,
 Contractor...Carl Lindholm.
 Filed April 29, '13. Dated April 28, '13.
 Frame up25%
 1st coat plaster on25%
 Building completed25%
 Usual 35 days.....25%
 TOTAL COST, \$2000
 Bond, limit, forfeit, none. Plans and specifications filed.

TOWN OF SANTA CLARA. Heating system in bank building now being remodeled.

Owner.....Santa Clara Valley Bank, Santa Clara, Cal.
 Architect...W. H. Weeks, 75 Post, San Francisco.
 Contractor...John G. Sutton Co., 243 Minna, San Francisco.
 Filed April 28, '13. Dated April 26, '13.
 As work progresses.....75%
 Usual 35 days.....25%
 TOTAL COST, \$2580
 Bond, none. Limit, 35 days. Forfeit, \$10. Plans and specifications filed.

N HOESON, bet San Pedro and Popular, San Jose. Five-room cottage.
 Owner.....C. S. Rhea, 74 E-San Antonio, San Jose.

Architect...None.
 Day's work.....COST, \$2000

NO. 569 S-SECOND, San Jose. Remodel and repair.
 Owner.....E. Levin, 640 S-1st, S. J.
 Architect...None.
 Day's work.....COST, \$500

NO. 403 E-SAN FERNANDO, San Jose. Screen porch.
 Owner.....Fred Beck, 35 Knox Blk., San Jose.
 Architect...None.
 Day's work.....COST, \$400

Liens Filed.

SANTA CLARA COUNTY.

RECORDED AMOUNT
 April 24, 1913—FIFTH & EIGLEberry, Gilroy. W P Fuller, \$67;
 W J Biddle, \$164 vs Howard and Grace Willey and E L Morris.....

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

CHURCH—1 story and base, frame, \$25,000. Modesto, Stanislaus Co., Cal. Architect, John J. Foley, 46 Kearny St., S. E. Owners, Roman Catholic Church. Contractor, James McLaughlin, 244 Kearny St., S. F. Contract price, \$20,700. A complete list of the bids opened for this work appear under the heading of Fresno, Modesto, Stanislaus and Central California in this issue.

THEATRE, STORES AND OFFICES —2 story and base, brick and steel, \$45,000. Turlock, Stanislaus Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Turlock capitalists. The building will be erected on Main street and will be arranged for two stores and a theatre on the first floor. Upper floor will be subdivided into offices. The main auditorium of the theatre will have a seating capacity of 750 people. Interior will be finished in pine and ornamental plaster. Complete stage equipment will be installed. There will be a central heating system. The exterior of the building will be faced

with pressed brick. Plans are being prepared.

CHURCH—1 story and base, concrete and brick, \$30,000. Bakersfield, Kern Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. P. Owners, First Congregational Church of Bakersfield. This new building will be erected on Chester avenue and will cost in the neighborhood of \$30,000. The architect has just received the commission and no details of the work have been given out. Full particulars will appear in the next issue of the Building and Industrial News.

CHURCH—2 story and base, frame and concrete, \$20,000. Fresno, Fresno Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, St. Alphonsus Church, Redemptorist Fathers. The building will be designed in the Romanesque and Mission style, with the exterior covered with cement plaster on metal lath. Main auditorium will have a seating capacity of 700 people. Father Weber is in charge of the work. It is the ultimate intention of the Redemptorist Fathers to establish a Catholic college in Fresno, and plans will be prepared for a number of buildings which will be erected after the completion of the church. Plans for the church have been completed and construction will be started shortly.

Contract Awarded On Modesto Church.

Architect John J. Foley Awards Contract for New Church Edifice to James L. McLaughlin.

(By Special Wire.)

Bids for the construction of the new Catholic Church edifice, which is to be erected in Modesto were opened on Thursday afternoon and a contract for the work was awarded to James L. McLaughlin, 244 Kearny street, San Francisco, for \$20,720. Plans for the building were prepared by Architect John J. Foley, 46 Kearny Street, this city. The following is a complete list of the bids as opened:

General Construction Modesto Church.	
Bishop & Stephenson.....	\$25,405
W. A. Stevens.....	23,401
O. H. Dawes.....	23,600
H. Gede.....	28,500
George J. Ulrich.....	24,607
J. L. Daly.....	22,900
Chirhart & Nystedt.....	20,995
James L. McLaughlin.....	20,720

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$25,000. Mill Valley, Marin Co., Cal. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. P. Owner's name withheld. The dwelling will contain fourteen rooms, three baths and a conservatory. Interior will be finished in pine, hardwoods and white enamel. There will be hot water heating system and open fire places. Mantels will be of brick and tile. Tile will be used in all bath rooms and in the kitchen. A garage will be erected on the lot. An automatic water heater and a vacuum cleaning system will be installed. Exterior of the house will be covered with cement plaster on

metal lath. A red clay tile roof is specified. Plans are being prepared.

Contracts Awarded.

HOTEL—2 story and base, brick, \$20,000. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, Richmond. Owner, Mrs. Whitten. Contractors, T. Park Jacobs Co., Richmond. Contract price, \$20,000.

Liens Filed.

MARIN COUNTY.

RECORDED	AMOUNT
April 28, 1913—MILL VALLEY, Marin Co. Wm Ross vs Ernest Horstmann	\$85

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

RESIDENCES—1 and 2 story, frame. Cost not stated. Stockton, San Joaquin Co., Cal. The following Day Labor jobs have been reported as about to be started in Stockton: 1 story frame dwelling for J. H. Wender, 130 East Magnolia Ave., Stockton, cost, \$1,800; 1 story frame dwelling for C. J. Wystidt, 307 West Poplar St., Stockton, cost, \$2,000, and 2 story frame dwelling for Dr. Robert Hammond, 18 East Flora St., Stockton, cost, \$8,250.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architect, J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Sacramento. Architect Donovan has been commissioned to prepare plans for another of the new Sacramento schools. The building will be as large as the school for which Architects Shea & Lofquist are preparing plans and which is to cost \$180,000. No details of construction can be given at this time as plans have not progressed far enough. The building will be located on Cypress avenue between Rainsford and Spofford avenues.

Building Contracts.

SACRAMENTO COUNTY.

W ½ LOT 2, P. Q, 13TH AND 14TH STs., Sacramento. Renodel present dwelling into frame flats.

Owner.....Frank P. Williams.
Architect.....Plans by Contractor.
Contractor.....James J. Murphy.
Filed May 1, '13. Dated May 1, '13.
COST, \$3,600

LOT 143 CURTIS OAKS. One-story frame residence.

Owner.....Clifford Prudhomme, 725 9th, Sacramento.
Architect.....Plans by contractor.
Contractor.....R. H. Ruiter and H. G. Birdsall, 2715 2nd Ave., Sacramento.

Filed April 30, '13. Dated April 11, '13.
COST, \$2085

LOT 21 Meister Tet, Sacramento. Two-story frame residence.

Owner.....Charles A. Root, 302 O St., Sacramento.
Designer.....Anna Crabbe Walters, 1602 ½ J St., Sacramento.
Contractor.....Wm. R. Saunders, 2810 I St., Sacramento.

Filed April 29, '13. Dated April 26, '13.
COST, \$6762.50

E ½ LOT 2 V, W, 22ND, & 23RD STS., Sacramento. One and one-half-story

frame dwelling.
Owner.....John H. Ruser, 2012 N St., Sacramento.
Architect.....Plans by Contractor.
Contractor.....G. E. Harvie, 2212 T St., Sacramento.
Filed April 29, '13. Dated April 29, '13.
COST, \$3422

Building Contracts.

SAN JOAQUIN COUNTY.

NO. 110 W-CALIFORNIA, Stockton. Frame building.
Owner.....Chas. Pike, 1321 E-Miner, Stockton.
Architect.....None.
Day's work.....COST, \$250

LOT 6 and E 36 Lot 4 Blk 46, Stockton. Two-story frame building.
Owner.....Dr. Robt. Hammond, 18 E-Flora, Stockton.
Architect.....Wm. Thomas, San Joaquin Bldg., Stockton.
Day's work.....COST, \$8250

LOT 13 BLK 82 W, Stockton. Frame building.
Owner.....J. H. Winder, 130 E-Magnolia, Stockton.
Architect.....None.
Day's work.....COST, \$1800

LOT 15 BLK 12, The Oaks, Stockton. Frame building.
Owner.....C. J. Wystidt, 307 W-Poplar, Stockton.
Architect.....None.
Day's work.....COST, \$2000

NO. 825 E-LINSDAY, Stockton. Addition to frame flats.
Owner.....F. H. Fredericks, Premises.
Architect.....None.
Contractor.....Andrew Jensen, 2228 N-California, Stockton.
COST, \$3600

LOT 1 BLK 60 West, Stockton. One and one-half-story frame building.
Owner.....H. D. White & John Moore, 999 N-Lincoln, Stockton.
Architect.....None.
Contractor.....John Moore.
COST, \$3250

LOTS 12 AND 16 BLK 94 E of Center, Stockton. All work for one-story frame bungalow.
Owner.....J. L. Taylor.
Architect.....R. P. Morrell, Rooms 12 to 15 I. O. O. F. Bldg., Stockton.
Contractor.....H. E. Vickroy, 115 W-Rose, Stockton.

Filed April 19, '13. Dated April 17, '13.
Rough plumbing in.....\$600
Building enclosed.....600
Inside wood work finished.....600
Usual 35 days.....600
TOTAL COST, \$2400
Bond, \$1200. Surety, Joe J. Warner. Limit, 60 days. Forefit, \$10. Plans and specifications filed.

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED	ACCEPTED
May 1, 1913—KAY NO. 212, Sacramento. Isabella Bloomberg to H. Goldman.....	April 21, 1913
April 29, 1913—LOT 1192 W AND Kimbrough Tr 25, Sacramento. Chris R Jones to C J Hopkinson..	

April 19, 1913
April 28, 1913—LOTS 3 AND 4 M. N.
28th and 29th Sts., Sacramento.
Pacific Gas & Elec Co to Sacra-
mento Plumbing Mill & Furniture Co
.....April 18, 1913

Liens Filed.

SACRAMENTO COUNTY.

RECORDED AMOUNT
April 29, 1913—LOCATED NR TOWN
of Folsom. Sacramento Steam
Forge & Blacksmith Shop vs Union
Dredging Co\$2132.29
April 25, 1913—LOTS 4 AND 5 Maple
Ave, Sacramento. F H Koster vs
R R Ferrel.....\$46.90

LOS ANGELES AND SOUTH- ERN CALIFORNIA.

APARTMENT HOUSE—4 story and
base, brick and steel. Cost not stated.
Los Angeles, Cal. Architects, Train &
Williams, Exchange Bldg., L. A. Owner,
Mrs. George J. Bey. The building
will occupy a corner site and will
cover an area of 60x115 feet. Interior
has been arranged for 100 rooms,
which will be divided into two and
three room suites. All apartments will
have connecting baths and wall beds.
There will be steam heat, elevator
service, hot water plant and a vacuum
cleaning system. Interior finish will
be of pine and hardwoods. Bath rooms
will have cement floors and tile wain-
scot. The exterior of the building will
be faced with pressed brick. Plans are
complete and figures are being taken.

APARTMENT HOUSE—3 story and
base, brick. Cost not stated. Los An-
geles, Cal. Architect, Leonard L Jones,
I. W. Hellman Bldg., L. A. Owner, J.
P. Patch. The building will cover an
area of 50x100 feet and will contain 54
rooms, arranged in two and three room
suites. All apartments will have wall
beds and private bath rooms. Interior
finish will be of pine and hardwood.
There will be steam heat, elevator
service and a vacuum cleaning
system. The exterior of the building
will be faced with pressed brick. Plans
are now being prepared for the work.

CHURCH—1 story and tower, brick
and steel. Cost not stated. Long
Beach, Los Angeles Co., Cal. Archi-
tects, Frank T. Kegley, associated with
T. Foster Ena, Consolidated Realty
Bldg., L. A. Owners, Roman Catholic
Church, Father James A. Reardon, pas-
tor. The building will cover an area of
68x125 feet. The main auditorium will
seat 700 people. Interior finish will be
of pine, hardwoods and ornamental
plaster. A central heating system will
be installed. Construction will be of
brick and steel with two steel frame
towers. The exterior will be faced
with pressed brick. Plans are being
prepared.

HOTEL—6 story and base, rein-
forced concrete. Cost not stated. San
Diego, Cal. Architects, H. M. Patter-
son, O. T. Johnson Bldg., L. A. Owner,
Dr. Fred Stauffer. The building will
be erected on a corner site and will
cover an area of 100x100 feet. A large
hotel lobby, dining room with complete
kitchen equipment and two store rooms
will occupy the first floor. There will
be a restaurant and storage space and
heating plant in the basement. Upper
floors will be arranged for 126 guest

rooms and 85 baths. Plans include
steam heat, elevator service, a vacuum
cleaning system and hot and cold water
plant. Interior finish will be of pine
and hardwood. Bath rooms will have
tile floors and wainscot. Patent store
fronts and metal window sash and
frames. The exterior of the building
will be faced with cement plaster. A
lease on the entire building has been
made with Mrs. Florence C. Thorburn.

APARTMENT HOUSES—2, 3 story
and base, frame, \$80,000. Los Angeles,
Cal. Architect's name not given. Owner,
H. M. O'Malley, Pacific Sash and
Door Co., 3310 South Main St., L. A.
Each of these buildings will be ar-
ranged for 36 suites of two and three
rooms and bath. Interior will be hand-
somerly finished in pine, mahogany and
other hardwoods. There will be steam
heat, elevator service and a vacuum
cleaning system. All suites will have
wall beds. The exteriors will be cov-
ered with cement plaster on metal lath.
Plans are complete and the work will
be done by Day Labor.

GARAGE—1 and 2 story and base,
brick and steel, \$40,000. Los Angeles,
Cal. Architect, none Owner, F. O.
Jean, 452 Ardmore Ave., L. A. The
building has been designed for a com-
mercial garage and will cover an area
of 100x115 feet. Construction will be
of brick and steel with metal window
sash and frames, concrete floor and
steel roof trusses. A special gasoline
storage tank will be installed. Inter-
ior finish will be of pine with some
marble and tile. Exterior of the build-
ing will be faced with pressed brick.
Plans are complete and the work will
be done by Day Labor.

HOTEL—4 story and base, brick and
steel. Cost not stated. Los Angeles,
Cal. Architect, R. M. Jackson, Consol-
idated Realty Bldg., L. A. Owner, Mr.
Saroti. The building has been designed
for a commercial hotel and will cover
an area of 50x150 feet. There will be
stores besides the hotel lobby on the
first floor and a number of single rooms
with baths on the upper floors. Plans
include elevator service, steam heat
and a vacuum cleaning system. Inter-
ior finish will be of pine throughout
with some ornamental plaster in the
lobby. All rooms will be supplied with
hot and cold running water. Exterior
of the building will be faced with
pressed brick. Plans are being pre-
pared.

HOTEL—6 story and base, reinforced
concrete. Cost not stated. Los An-
geles, Cal. Architect, R. M. Taylor, Dou-
glas Bldg., L. A. Owner, Jacob Joseph.
The building will be arranged for four
stores and the hotel office and lobby
on the first floor and 110 guest rooms
on the upper floors. The building will
cover an area of 100x120 feet. About
75 per cent of the guest rooms will
have connecting baths. Interior finish
will be of pine and hardwood. There
will be steam heat, elevator service, a
vacuum cleaning system and hot water
supply. Metal window sash and frames
will be used. Bath rooms will have ce-
ment floors and tile wainscot. The ex-
terior of the building will be faced
with cement plaster. Plans are now
being prepared.

Contracts Awarded.

RESIDENCE — 2 story and base,
frame, \$27,500. Hollywood, Los Angeles
Co., Cal. Architect, F. M. Tyler, Black
Bldg., L. A. Owner, George A. Ralphs.

Contractor, F. J. Phillips, 3735 Santa
Grand Ave., L. A. Contract price, \$97,
500.

GARAGE—2 story and base, rein-
forced concrete, \$55,000. Los Angeles,
Cal. Architect, Myron Hunt, Hibernian
Bldg., L. A. Owners, Huntington Land
and Improvement Co., Contractors,
Richards-Neustadt Construction Co.,
Wright and Cullender Bldg., L. A. Con-
tract price, \$55,000.

SCHOOL—2 and 3 story and base,
Class A construction. Cost not stated.
San Francisco. Architects, City De-
partment of Architecture, Temporary
City Hall. Owners, City and County
of San Francisco. Bids for the finish-
ing construction on the Academic
Building of the Polytechnic group
were opened by the Board of Public
Works on Wednesday last. M. M. Fin-
layson was low bidder on all the alter-
native propositions for the general
construction as follows: (a) \$156,000,
(b) \$196,892, (c) \$312,190. J. H. Pin-
kerton was low on the plumbing at
\$24,764. The Pacific Fire Extinguisher
Co. were low on the electric work at
\$18,150. F. W. Walsh was low on the
heating and ventilating at \$14,520, and
John G. Sutton was low on the boilers
and equipment at \$23,300. Awards
have not been made. A complete list
of the figures presented appears in
this issue under the heading of San
Francisco.

LIBRARY—1 story and base, con-
crete and brick. Cost not stated. Tor-
rance, Imperial Co., Cal. Architect, P.
D. Farquhar, Van Nuys Bldg., L. A.
Owners, Town of Torrance. Contractor,
B. D. Kronnick, 3900 So. Hill St., L. A.
Note: This contract has been taken on
a percentage basis.

PORTLAND AND OREGON.

APARTMENT HOUSE—2 story and
base, brick. Cost not stated. St.
Helens, Ore. Architect, Ernest Kroner,
Worcester Bldg., Portland. Owner, J.
R. Ramsey. The building will cover an
area of 57x90 feet. The entire first
floor will be arranged for a store and
upper floor will be divided into four
room suites. All apartments will have
wall beds and connecting baths. In-
terior finish will be of pine. There will
be steam heat and elevator service.
The exterior of the building will be
faced with pressed brick. Plans are
complete and figures are being taken.

APARTMENT HOUSE—4 story and
base, reinforced concrete, 76,000. Port-
land, Ore. Architect, J. S. Atkins, Henry
Bldg., Portland. Owner, W. B. Buell,
Journal Bldg. The building will cover
an area of 100x100 feet. The first floor
will be arranged for the office, lobby,
social rooms and a public dining room.
Upper floors will be divided into suites
of two, three and four rooms each. All
apartments will have wall beds and
private bath rooms. Plans provide for
steam heat, elevator service, hot and
cold running water and a vacuum
cleaning system. Interior finish will
be of pine and hardwood. Bath rooms
will have cement floors and tile wain-
scot. The exterior of the building will
be faced with cement plaster. Plans
are being prepared.

STORES AND OFFICES—3 story and
base, brick and steel, cost not stated.
La Grande, Ore. Architects, Whidden
& Lewis, Lewis Bldg., Portland. Own-
ers, C. S. Jacobsen and N. K. West.
The building will occupy a corner site

and is to cover an area of 60x110 feet. Plans provide for several stores on the first floor and offices above. Interior finish will be of pine throughout. There will be metal window sash and frames. An elevator will be installed. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FACTORY—5 story and base, brick and steel, \$70,000. Portland, Ore. Architects, Root & Hoose, Commercial Bldg., Portland. Owners, Modern Confectionery Co. This building has been mentioned here before when plans were first started. Working drawings are complete and bids are being taken. The building will cover an area of 70x100 feet with a one-story addition 30x100 feet in the rear. Plans include elevator service and a steam heating plant. Interior finish will be of pine. There will be fireproof doors, metal window sash and frames and metal lath and plaster interior partitions. The exterior of the building will be faced with pressed brick. Segregated figures on all parts of the work are being taken.

LIBRARY—1 story and base, brick and steel. Cost not stated. Albany, Ore. Architect, W. F. Tobey, Sherlock Bldg., Portland. Owners, Albany Carnegie Library Association. The building will contain two public reading rooms, librarian's office, stack room and children's room. The design is in the classic style with exterior faced with pressed brick trimmed with stone. Interior finish will be of pine and hardwood. Plans are being prepared. A central heating system will be installed.

LODGE HALL—4 story and base, brick and steel, \$80,000. Portland, Ore. Architects, Clausen & Clausen, Macleay Bldg., Portland. Owners, Portland Social Turn Verein. The building will be erected on 12th street between Main and Jefferson streets, and will be designed with a number of large social and lodge halls. A feature of the building will be the main banquet hall and gymnasium. Plans include steam heat, elevator service and vacuum cleaning. The exterior will be faced with pressed brick. Plans are being prepared and figures will be called for shortly.

WATER SYSTEM—Pumping plant and mains, \$200,000. Pendleton, Ore. Engineer, Frank C. Kelsey, Selling Bldg., Portland. Owners, City of Pendleton. The system will embrace about sixteen miles of water mains, two reinforced concrete reservoirs of 1,000,000 gallons capacity each and a concrete pumping station. Bonds have been sold and bids for the construction will be called for within a short time. Plans, specifications and complete information can be secured from Engineer Kelsey.

Contracts Awarded.

FACTORY—4 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, John Graham, Lyon Bldg., Seattle, associated with Doyle, Patterson & Beach, Portland. Owners, Ford Motor Car Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price not stated.

SEATTLE AND WASHINGTON.

WAREHOUSE—5 story and base, reinforced concrete, \$100,000. Seattle, Wash. Architect, Capt. A. O. Powell, Central Bldg., Seattle. Owners, Port of

Seattle Commission. The building will be erected at the foot of Bell street. Construction will be fireproof throughout. Freight elevators will be installed and metal window sash and frames and fireproof doors will be used. The building is the first of several big structures which will be erected by the Port of Seattle Commission. Plans are now being prepared and figures will be advertised for shortly.

WAREHOUSE—6 story and base, reinforced concrete, \$100,000. Seattle, Wash. Architects, Franklin Engineering Co., Hoge Bldg., Seattle. Owner, Mrs. Weisner. The building will be erected on the corner of Westlake and Harrison streets and will cover an area 120 feet square. Construction will be fireproof throughout and will embrace all of the latest devices in warehouse construction. Interior partitions will be of hollow tile and metal lath and plaster. There will be fireproof doors, metal window sash and frames and an automatic sprinkler system. Elevators and spiral chutes will be used. The exterior of the building will be faced with cement plaster. Plans are being prepared.

Alien Land Laws Of The Japanese.

A Complete Statement of Acts of the Japanese Parliament Relative to the Rights of Foreigners.

Relative to laws of Japan concerning the rights of foreigners to hold land in that country, the Sacramento Bee has written to the Japanese Consulate at San Francisco and that official has replied thereto, stating fully the laws and practices of his country in regard to the rights of aliens. It will be noticed that the reciprocal land law passed by the Japanese Parliament in 1910 has not been put into effect as yet. The letter makes a clear statement of the whole matter and is given herewith in full:

Consulate General of Japan, San Francisco, April 26, 1913.

To the Editor of The Bee—Sir: I have your communication of the 23d inst. asking me for a statement of the present laws and practices of Japan relative to the holding or acquisition of land by aliens in that Empire.

In reply thereto, I beg to state that, under date of April 13, 1910, a law was promulgated by the Japanese Parliament, which provided as follows:

Article 1. Foreigners domiciled or resident in Japan and foreign judicial persons registered therein shall enjoy the right of ownership in land, provided always that in the countries to which they belong such right is extended to Japanese subjects and Japanese juridical persons; and provided, further, in case of foreign juridical persons that they shall obtain permission of the Minister for Home Affairs in acquiring such ownership.

The foregoing provisions shall be applicable only to foreigners and foreign juridical persons belonging to the countries to be designated by Imperial ordinance.

Article 2. Foreigners and foreign juridical persons shall not be

capable of enjoying the right of ownership in land in the following districts: First, Hokkaido; second, Formosa; third, Karafuto; fourth, districts necessary for National defense.

The districts coming under No. 4, of the preceding paragraph shall be designed by Imperial ordinance.

Article 3. In case a foreigner or a foreign juridical person owning land ceases to be capable of enjoying the right of ownership in land, the ownership of such land shall accrue to the fiscus, unless he disposes of it within a period of one year.

In case a foreigner, by reason of losing his domicile or residence in Japan, or a foreign juridical person, on account of withdrawing his business establishment or office from Japan, ceases to be capable of enjoying the right of ownership in land the period mentioned in the preceding paragraph shall be five years.

If any land owned by a foreigner or a foreign juridical person is situated within the district designated under the last paragraph of the preceding article as necessary for National defense, and if, in consequence, the ownership of such land accrues to the fiscus, the damage thereby caused to the former owner shall be compensated.

In case of the failure to arrive at an accord with regard to the amount of compensation mentioned in the preceding paragraph, a suit may be brought before an ordinary Court of Justice.

Article IV. The date for putting the present law into force shall be determined by Imperial Ordinance.

There follow four other articles which I do not quote, because they relate to details not pertinent to the main issue, viz: The desire of the Japanese Government to put aliens on a par with native subjects in the matter of land ownership.

You will please note, from the provisions of Article I, that the extension of the privilege of land ownership, to foreigners, in Japan, is conditioned upon the extension of similar rights to the subjects of Japan by the Governments of other countries. In other words, it is designed to be reciprocal in its operation.

You will please note, further, that Article IV provides that the date for putting the law into force shall be determined by Imperial Ordinance.

Such Imperial Ordinance has not, as yet, been promulgated, due, undoubtedly, to the fact that the Government is now engaged in an investigation as to the rights and privileges extended to the subjects of Japan in the matter of land ownership by other Nations. There can be no doubt that when this investigation has been completed, such Ordinance, fixing the date of operation, will be promptly issued.

With regard to the status of this matter prior to the enactment of the law of April 13, 1910, there were certain restrictions, greatly softened in their practical operation by the existence of a liberal leasing system which granted rights and privileges to foreigners which were practically equivalent to ownership in fee simple.

Article II of the Civil Code of Japan,

E. H. Williams

Chalmer Munday

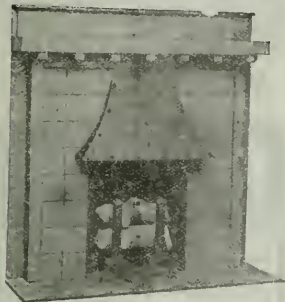
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provides that foreigners are entitled to
all civil rights excepting such as are

denied by statute or treaty stipulation.
The only statute on the subject con-
taining a prohibition is found in Article
XL of Imperial Edict XVIII, promul-
gated under date of January 6, 1874,
and reading as follows:

"Land shall not be sold, hypothecated
or mortgaged to foreigners, nor shall
deeds or titles be passed convey-
ing to them ownership rights."

It is proper to state here that such
prohibitive clauses in the Japanese
law, running against the right of an
alien to hold land, ran against him
as an individual, not as a corporation.
(Juridical person.) A corporation, or-
ganized under Japanese law, had the
same rights as a native subject
whether its stock was held in whole or
in part by foreigners. There never
was a time when aliens, organized as a
Japanese corporation, could not hold
title to land in Japan.

The leasing system, still operative
in Japan, may be briefly outlined as
follows:

The term superficies is given to land
leases, made to either natives or for-
eigners for purposes of forestry or
general improvement. No time limit
is fixed to this class of leases. They
may run for one year or be made in
perpetuity. Payments are subject to
agreement and may be made monthly
or annually. In case of perpetuity

the entire sum agreed upon may be
paid over to the lessor at the com-
mencement of the lease term, which,
practically, amounts to purchase.

Another form of lease is known as
emphyteose, granted to natives and
aliens alike for purposes of agricul-
ture and stock raising. These leases
run for periods ranging from twenty
to fifty years, with privilege of re-
newal. The condition of payment are
subject to contract, or the whole may
be paid at commencement of contract
term.

There is, in addition, an ordinary
form of lease which runs for periods
of less than twenty years with priv-
ilege of renewal. Such leases are sub-
ject to the ordinary laws of contract
and guarantee to foreigners every
right and privilege enjoyed by native
subjects.

Such is, in brief, a statement of the
present law and practices in Japan,
relative to the ownership of land by
foreigners.

Trusting that it has been made suf-
ficiently clear to indicate the liberal
attitude of my Government, I beg to
remain, very truly yours,

Y. NUMANO,

Acting Consul General of Japan.

HOW TO USE A GAS RANGE.

When lighting the top burners, turn
the burner on full and light at the back
of the burner. This enables the burner
to fill with gas and prevents lighting
back in air mixer, commonly referred
to as "popping."

The point of the flame should be just
high enough to touch or impinge on the
bottom of the cooking vessels. In boil-
ing water it should always be re-
membered that water boils at 212 deg.
F., and it is impossible to heat it above
that temperature.

Many people are under the impression
that boiling at a gallop shortens the
time of cooking, but such is not the
case. The evaporation of the water is
accelerated and makes it necessary to
replenish the supply of water. This
makes a demand for more fuel, which
is an additional expense for heating
the water thus supplied.

There is an old saying, "Matches are
cheaper than gas." The greatest econ-
omy is exercised when burners are
turned completely off when not in use
and relighted next time they are re-
quired.

How can I bake successfully on the
gas range? Always light the oven ten
minutes before using. This method in-
volves no waste of gas, as, if the article
is put into a cold oven, the cooking will

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take just so much longer and the re-
sults will not be so good.

Use tin pans, not sheet iron nor
agate, as they absorb the heat and are
liable to burn the food at the bottom
and sides before it is done. The heat
of the gas range oven is much more in-
tense and direct than that of the coal
range.

Do not put pans on the bottom of
oven—it prevents the proper heat cir-
culation. Always use the oven racks.

Regulate the burners according to
the kind of baking. If recipe calls for
a moderate oven, reduce the flame about
one-half when the pans are put in. For
a quick oven, keep burners lighted
during all, or nearly all, of the baking.
It is important to bear in mind that
it takes less time to bake in a gas
range than in a coal range.

In baking bread the gas may be turned
entirely off ten minutes before tak-
ing from the oven. The heat retained
in the oven will "bake out." Close the
damper in the flue pipe when baking;
this holds the heat.

How can I broil successfully on a gas
range? Meat suitable for broiling
should be fairly tender and surrounded
by fat, otherwise the result will be
hard and dry. The edge of the meat
should be cut through in several places
to prevent it from curling up, as the
outer skin contracts from the heat. No
seasoning should be added until the
meat is ready to serve, as salt toughens
the meat and draws out the juice. Heat
the oven ten minutes before broiling
or meat will simmer. Place the meat
about two inches from the flame,
always leaving the oven door open
when broiling. This is important both
for the choice flavor of the meat and
to prevent burning and smoke. Sear
first one side of the meat and then
the other so that the juices of the meat
are retained. Have the meat platter hot
when the steak is put on, first adding
the seasoning.

Always leave the oven doors open
after baking and broiling; this allows
the steam to escape and prevents rust-
ing.

How can I keep food warm on a gas
range? Heat the oven for ten minutes,
then turn out the gas. Put the food in
the oven. The oven will stay hot for
at least twenty minutes.

ARCHITECT'S CERTIFICATE.

May 1, 1913.—James W. Plachek has
filed his Certificate of Architecture
for Alameda County (issued Sept. 25,
filed Sept. 27).



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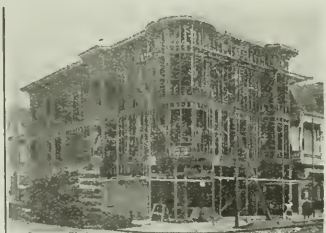
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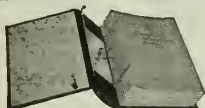
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geles Home Builders. Designed By Ar-
chitect A. Martyn Haenke of Los Angeles.

TUESDAY, MAY 13, 1913.

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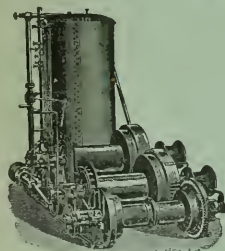
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San Francisco, MAY 13, 1913

Thirteenth Year No. 19

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Editorial Comment.

The matter of flood control of rivers has received added attention this year on account of the unprecedented floods in the East and the loss of life attendant thereto. The current number of the Scientific American has some interesting facts and illustrations concerning the normal and flood discharge of the great rivers of the country. Here in the West the streams come from the high mountains a comparatively short distance away. They come from the snows and their course is through the rocky canyons of the great ranges. They have great fall and tremendous erosive power, but their bed is so hard that the sediment deposited is comparatively small, although such rivers as the Sacramento, flowing through the long interior valley, runs out into a delta and carries as much silt as a sluggish stream will hold.

It is the Mississippi and its tributaries, however, that show the big facts in regard to erosion. The Missouri river carries down into the Mississippi annually a total amount of 400 million cubic yards of sediment. The total amount of excavation on the Panama canal for one year is 210 million cubic yards.

These great rivers with their enormous volume of water running into the seas are the leveling agencies of the earth. Great as is the amount of sediment deposited it comes from so wide an area that its effect is not noticed in an appreciable length of time. But in the lower courses of the stream it becomes distinctly noticeable from year to year and becomes an important factor in flood control.

Senator Works criticisms of the newspapers of the country is in the main just and deserved. The sensationalism and unreliability of the news published by most of the papers is a fit subject for criticism. True the public likes yellow journalism else William Randolph Hearst would never have made a success of journalism. And the success of Hearst has caused most of the other papers to follow in his wake for the financial success of the newspaper depends upon its circulation.

There seems to be a reaction against yellow journalism in some degree. Senator Works, who is chiefly known as a Christian Scientist, voices the sentiment of that cult in his criticism of the press. And the Christian Science Monitor is a model of a daily newspaper without the sensationalism, the details of crime and scandal that form the principal features of the ordinary daily paper.

As a reformer in the upper House of Congress, Senator Works has not been

a howling success. His opinions and self complacency fit about as well with the party that elected him as a Swede clergyman at an Irish wake. But his criticism of the press is just and merited in the main and while it will in all probability have little effect it will call public attention to a condition wherein the public needs education.

The published plans for the new Court House for New York City, which is to cost 10 million dollars, show a structure, the perspective view of which, looks not unlike the Roman Coliseum. A circular building whose outside walls consist of rows of columns and pilasters superimposed upon each other to the extent of four stories mark the general plan. Each succeeding story is smaller than the other, so that the last has the appearance of a flattened dome.

This design is said to be practical value for the purposes to which the building will be put as it will allow easy access to all the court rooms for litigants and their lawyers. The building looks odd in the picture, but as it is to be built of brick and stone and is to be of large proportions it is probably as easily designed and constructed as if built upon rectangular plans.

A SILICIOUS WOOD PRESERVATIVE.

Technical journals have recently mentioned the impregnation of timbers with melted paraffin and naphthalene, but the new Marr process is a great advance on this method. Diatomaceous earth, a silicious material, is ground so fine that ninety-two per cent passes a two-hundred-mesh screen. This is mixed with the melted paraffin and the naphthalene and timbers immersed in the mixture for four hours. As compared with the twelve to twenty-four hours required in creosoting, this is noteworthy. Furthermore, it is an open vat process. The wood is permeated to the center and resists the attack of marine borers and decay besides gaining in resilience. Nails hold better and do not rust nor does the wood become waterlogged. Hardwoods like white oak which resist other treatment yield to this preservative. The expense is small, for the mixture costs only three cents per pound and less than two pounds of solution are required for each cubic foot of timber.

"The fly swatters tell us," says Col. Ike Bryson of the Louisiana Press-Journal reflectively, "that a single fly in April will produce 7,600,000,000 in September. If this is true it is perfectly awful to think what a married fly can do."

Comparison Of European And American Building Construction.

Paper Read Before the Canton, (O.) Builders' Exchange
By Edmond Hermann, Architect, Canton, O.

Holocausts, on the one hand, like the Chicago fire, the Collinwood disaster and the New York conflagration where 140 girls lost their lives, and, on the other hand, collapsing of buildings still under construction, which we can observe in regular turn, are arousing the public conscience, and the time will arrive when a thorough house-cleaning among some of our most cherished and moss-covered institutions and traditions will and must be started.

In reading all these accidents the thinking man will look for comparison, and nothing will be nearer than to compare our state of affairs with those in foreign countries, and, in doing so, we find that all the odds are on our side. Our statistics tell us a greswome story, laying bare how we sacrifice yearly enormous fortunes through astonishing ignorance or punishable frivolity, and, on the other hand, show us that in enforcing laws to prevent accidents and providing well stringent measures for the safety of their citizens the respective governments of the European nations must be looked at as the wise heads of their families.

To find out what methods are used to obtain the desired results I will try to show you the practice and advantages of these methods. Voluminous building laws and ordinances regulate every phase of building construction, whether intended for new buildings or remodeling and alterations. They must be carried out to the letter, and to do this every government is keeping a staff of well trained men whose lives are devoted to the service of their respective departments, and these men also have the power to bring those violating the laws before the court, where they are prosecuted to the full extent of the law, regardless of their social standing. Before we will be able to obtain the same results in this country we will have to change the policies entirely which we are following at present.

As it is our daily experience that in enforcing our very few building laws we hear too much opposition to this, which very often is called "paternalism," and we also learn about "individual rights," etc., but if the authorities had always listened to those howls we would not have gone forward one step in our civilization.

To cite just one instance: You would not have without legislation, one sidewalk on a straight level in your city, but you would have to walk over planks, bricks, tiles, cinders, etc., up and down steps, with greatest dangers to your body. Applying to these cases, where the whole community, the entire population, is interested, the old phrase, "liberty and rights," referring to some individuals, is only nonsense.

Fortunately this idea is rapidly altering and we can see a new era, where the government will protect the people against dangers of all kinds, hidden in poorly constructed buildings, by enforcing laws rigidly.

The two main periods through which

buildings have to go to a successful end are, first: Their "planning and designing," and, second, their "construction and erection." These two distinct divisions are the same all over the world, but the carrying out of their meaning and purpose is so different from each other in this country and Europe that it pays well to compare them.

Our first operation, the "planning and designing," is done by the owner with the assistance of a professional adviser. The owner describes in general to his adviser a more or less rough image of the future structure and leaves it to him to work out plans and specifications, according to which the "construction and erection" can not be done well without having the "planning and designing" brought to a successful end, it is of the utmost importance that the owner select a skillful adviser. This adviser, which we might call "architect" or "builder," is supposed to understand not only the construction of buildings, but ought to be conversant with the laws of states, have knowledge of all the materials used in every building to the minutest detail, have a true understanding of the different arts and crafts, and last, but not least, he must be trained to harmonize beauty with utility.

All this knowledge is absolutely necessary to the adviser to give the owner the proper service. Why is it then, that when the adviser is equipped with all the aforementioned knowledge that we do not get the correct results?

The architects of other nations have to go through a severe training to call themselves architects. If anyone else would undertake to call himself an architect without having the required knowledge he would be liable to prosecution. In our country an architect is in many cases simply an amateur that has nerve enough to stand up before the people and take advantage of their ignorance and give them services for just a nominal fee that leads the owner into all kinds of trouble, with the final result that the construction of a building is only a makeshift of what it really ought to be.

The two great institutes of American architects, recognizing these facts, are endeavoring to secure laws which will require every architect to have a license, just the same as licenses are required for doctors, druggists, etc. This only will do away with dilettantism.

"Under 'Planning and Building' we furthermore have to consider the laws which are made to have the buildings constructed according to certain rules and regulations. These rules embody our experience which we have gained by former accidents and which are preventive measures.

Our second operation, "the construction and erection," is just the same as transferring theory into practice. The plans are turned over to the building contractor with the intention to have him carry out the ideas as laid

down on paper. In very few cities of our country plans must be submitted to some building department for approval. In Ohio the State requires all plans which comprise the construction of theatres, assembly halls, churches, school buildings, club and lodge buildings, to be approved by the State department, and some of the larger cities, as Columbus, Toledo, etc., require the submittance to the city building department.

In smaller cities there are no authorities to look after this matter, and the submittance for approval, as we, for instance, have in our city, is nothing more than a joke. In Germany every plan, whether it is a new building or a small addition to any dwelling house, or even a stable, must be submitted for approval to the authorities. The nation is divided into inspection districts of about the same size as our counties. In every county a learned architect is standing at the head of a department. This architect is called district inspector. To him every owner has to submit plans in duplicate. The plans must show the details of construction and must be accompanied by a plain but extensive description of the construction, showing for what purpose every room and every space will be used, what loads are intended to be placed, what safety factors are used for computing the different members supporting those loads, and the fee paid to the county treasurer is figured according to the class of construction and also according to the cubic contents.

The district inspector will only approve those plans which comply with the requirements of the laws. But it is not sufficient to have plans approved by the state department; it is just as essential to have trustworthy persons look after the erection and to find out whether the owner is constructing the building according to his approved plans. This again is done by members of the same inspection department, and there are two ways to do this. There are many ordinances in every city which govern the safety of the men employed by the contractors and protecting the people from injury they might receive by entering buildings under construction or passing by them on the streets. To have these ordinances properly enforced the police in general will look after and inspect every building under construction at short intervals. To get acquainted with these ordinances the police lieutenants gather their men every morning to read new ordinances and explain the meaning of old ones, so that the men might get acquainted in a short time with the requirements which the laws provide for those purposes.

The second supervision is done by a special commission of which the district architect is the head and which furthermore consists of three more practical builders appointed by the state authorities. This commission visits every building twice during its construction, the first time after the building is made watertight; that is, after it is covered with a roof, but not

plastered, so that the members of the building commission can see the rough construction and check every detail of the carrying members. After this visit the building dare not be touched for six consecutive weeks, except for work which must be done by plumbers and steamfitters. This period of six weeks is very essential to a healthy and dry building, when you consider that all the buildings used for occupancy of people must be of slow burning or fire-proof construction, and when you consider the time it takes to dry out a brick building, as it has no wall less than thirteen inches and the joists of which are never less than 6x8 inches, with the open spaces between filled with incombustible material, you will see the reason for giving the building such a long time to dry out.

The final inspection is when the owner applies for "receipt of acceptance," that is when it is ready for occupancy. The same commission which visited the building the first time concludes its inspection with this last visit and certifies the owner the acceptance, which means that he can rent the building. No part of any building can be occupied before this commission has made its final inspection. The fee, which is paid by taking out the building permit, is used for paying the expenses of this aforementioned building commission. You, perhaps, think that this way of constructing buildings is connected with a lot of red tape, but when you compare the results which must be obtained by complying with rigid building laws and ordinances and see in what a despicable way too many of our buildings are thrown together, regardless of any appearance and safety, you will admit that the slow and sure way of Germany is far more superior to that of ours.

The material used in the construction of buildings in Germany is the same as the material which we use here. The main difference is that the work is done in a more substantial way, and that it is the endeavor of every owner and builder to build houses at last and will pay better interest in the long run, instead of trying to break records every time a new structure is to be erected.

In large cities the height of buildings is limited in proportion to the width of the street, and so it is that long streets show you all the buildings of the same height, which we call skyline. This skyline would be monotonous to look at, but the roofs are constructed under all kinds of angles and are ornamented with dormers, towers, etc., and so relieve the monotony of its skyline. The main cornice of every house, when it is constructed of wood, must be protected with metal about five feet away from the adjoining building on either side to prevent the spreading of fire over to the neighbor's cornice. Every roof must be provided with plank gangs for inspection of the chimneys, which are regularly cleaned by licensed chimney sweepers, and all the ovens, stoves, kitchen ranges, etc., are heated by coal or wood, which necessitates a cleaning out of the chimneys to avoid clogging up.

The number and size of windows is regulated in proportion to the depth of the room. Wings adjoining front buildings must be closed by fire walls extending two feet above the roof and having iron doors to connect the different stories. All the openings along

the neighbor's lot must be closed with solid glass, brick or wire glass, and no window of any kind is permitted.

This gives in general some idea of the difference between European building construction and supervision and the construction and supervision in our country, and it is hoped that it will not be long before municipal and governmental laws in our States will control the erection of our buildings, whether public or private, along the same line.

NEW AMERICAN ARCHITECTURE.

An Interesting Comparison of Some of the Old and Insurgent School of Design.

In an interesting article on some of the bold things that Western architects have undertaken on their own initiative, and especially "the out-of-the-ordinary style that has been developed by the Chicago School of Architects," Charles S. White in writing for "Country Life in America," sets out the following parallel column comparison of the ideas of the conventional and "insurgent school" which will interest all house designers professional or otherwise:

Insurgent.

(1) Main floor frequently consists of three rooms—living room, dining room and kitchen. Frequently these three are contained in one large room, with wings for dining room and kitchen, screened from the living room. The library is usually part of the living room, and all parts of the house are in close inter-relation instead of each being partitioned separately.

(2) Floor plans and elevations are in harmony that is, the exterior of the building reflects its interior arrangement, so that one viewing the building from outside, might guess its interior arrangement.

(3) Rooms are often "articulated;" that is, each department if the house is in a separate wing, the kitchen being separated from the dining room wing, the living room from the kitchen, and so on.

(4) Windows, arranged in groups—usually casements, opening outward.

(5) Windows and window groups are often integral features of the structure. A house is constructed around the windows.

(6) Interior walls and ceilings are usually tinted and treated architecturally with casings, moulded or plain, applied to the walls in patterns dividing each wall into one or more panels. Pictures are used sparingly for decoration, and then in many cases they are murals, applied architecturally.

(7) Furniture is usually designed especially for the house, ordinary commercial, "ready made" furniture being unsuited to these rooms.

(8) Frequently houses are built on a stone, concrete or wooden base, there being no "water table" or underpinning line between ground and first floor.

(9) Decorative glass is largely used at windows, consisting of conventional, geometric, or flower forms patterned in metal-bar or grille.

(10) Facades are frequently made up of piers, with curtain walls between, pierced by running groups of windows. Horizontal lines of cornices, window sills and window caps are frequently accentuated by extending these lines entirely around the building.

Regular.

(1) Any number of rooms is provided, including hall, living room, dining, kitchen, reception room and library. Each room is separated from others by partitions, though often connected by means of wide openings.

(2) In the best work of the regular school there is a close relation between the outside and inside of the building, though not so intimate as in insurgent architecture.

(3) The floor plan is usually conceived as a sequence of rooms arranged within a parallelogram with or without wings.

(4) Windows, single or in groups; may consist of ordinary windows, casements, or both.

(5) Windows and window groups float on a background formed by the walls of the house wherever the exigencies of the problem or the fancy of the designer dictate.

(6) Interior walls and ceilings are treated in hundreds of different ways—sometimes with wall paper or tint, frequently with wood panels or beams. Pictures are framed and hung as desired.

(7) Any tasteful furniture may be used, though sometimes furniture is made to order, as in insurgent houses.

(8) Houses are of all types, some with and some without an underpinning.

(9) All sorts of windows are used chiefly plain glass.

(10) Facades are handled in the variety of ways familiar to most observers.

HOW TO MAKE BLUE PRINTS.

Although it seldom becomes necessary to make additional prints from a blue print, it is possible to do so provided the original print is first converted into one in which the lines are black and the background white. The operation to change the color is neither difficult nor does it require a great amount of time. It is merely necessary that the print be immersed in a solution formed of 1/4 ounce of ordinary borax dissolved in 6 ounces of cold water. When the print has blackened, it should be removed and washed thoroughly and placed in a solution of 1/4 ounce of gallic acid, 1/4 ounce of tannic acid and 8 ounces of cold water. This will intensify the color and make the print permanent.

THREE RANCHES PURCHASED.

A. J. Rich & Co., acting for the Solano Irrigated Farms, Inc., have purchased the Alice Page, Barnes' estate and West ranches, aggregating 1,000 acres, adjoining the new town of Solano for a sum approximating \$125,000. Both these ranches are well known throughout Solano county, and have been held by the present owners since the Spanish grants. All properties are situated on the line of the Oakland and Antioch railway.

MISSION BLOCK IMPROVED.

Oscar Heyman & Brother recently purchased from Mary J. Tracey and others the property at Mission street and Mohawk avenue, and are about to subdivide it into sixty lots. Contracts have been let for blumen street, sewers and sidewalks to cost \$10,000. The property is shortly to be placed on the market for home sites, and it is situated less than a block and a half from Onondaga avenue.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$28,000. Architect, W. G. Hind, 46 Kearny St., S. F. Owner, Dr. Clyde S. Payne. The building will be erected on the south side of Washington street east of Reed, and will cover an area of 57x66 feet. Interior has been arranged for eleven suites of two and three rooms each with wall bed and private bath. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and a hot water system. Vacuum cleaning system will be installed. Bath will have tile wainscot. The exterior of the building will be covered with rustic and shiplap. Plans are complete and excavating has been started. The work will be done by Day Labor.

SAN FRANCISCO—Apartment house additions and alterations, frame construction, \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The present three-story frame building at the corner of Divisadero and Oak streets will be altered so as to contain two stores on the first floor and 33 rooms on the upper floors. The structure covers an area of 50x100 feet. Suites will consist of two and three room apartments with bath. Walls beds will be used in all suites. Interior finish will be of pine and elm panels. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel. Cost not stated. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, James E. Reiter. The building will be erected at the northwest corner of Fulton and Franklin streets, and will cover an area of 50x60 feet. Interior has been arranged for a number of two and three room suites with private bath and wall beds. Interior finish will be of pine throughout. There will be steam heat and elevator service. Bath rooms will have cement floors and tile wainscot. A hot and cold water system will be installed. Exterior of the building will be faced with cement plaster. Plans have been revised and figures are now being taken.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$65,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, W. J. O'Brien. This work has been mentioned here before when plans were first started. Working drawings have been completed and a contract for the excavating and concrete work has been awarded to John Spargo. Contracts for the other parts of the work are being let. The building will contain eighty rooms, which are to be arranged in two and three room suites with bath. Wall beds will be used throughout. Plans provide for a hot and cold water system, elevator service, steam heat and a vacuum cleaning system. The exterior of the building will be faced with cement plaster. Bath rooms will have cement floors and tile wainscot.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owners, E. J. and W. J. Keenan, Hayes and Masonic Sts., S. F. This building will be erected at the northeast corner of Hayes and Masonic streets and will cover an area of 25x73 feet. There will be six apartments arranged in two and three room suites. Interior finish will be of pine with some hardwood veneer and hardwood floors in the principal rooms. Plans provide for a central heating system. All suites will have private bath rooms and wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Anna Baker. The building will cover an area of 42x142 feet and has been arranged to contain 67 rooms, which will be divided into two and three room suites. All suites will have connecting baths and wall beds. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. Bath rooms will have cement floors and tile wainscot. Plans include steam heat and a vacuum cleaning system. Exterior of the building will be covered with brick veneer and artificial stone trim. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$25,000. Architect, none. Owners, McKillop Bros., 540 Cole St., S. F. The building will cover an area of 30x150 feet. There will be a number of two and three room suites all of which will be equipped with wall beds and private bath rooms. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for a central heating system and hot water plant. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. The owners are now in the market for all materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$25,000. Architect, George L. Shreshley, Lick Bldg., S. F. Owner's name withheld. The building will be erected on 28th street between Grove and Telegraph and will be arranged for two and three room suites. There will be wall beds, private bath rooms and other modern conveniences. Interior is to be finished in pine and hardwood. Hardwood floors will be used in the dining rooms and reception halls. Plans provide for steam heat and elevator service. A vacuum cleaning plant will be installed. The exterior of the building will be covered with cement plaster and rustic. Plans are being prepared.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$6,000. Architects, Newsom & Dixon, 812 Broadway, Oakland, Owner, De Bonis. The building will be erected on 7th avenue and East 16th street, and will contain four apartments of four rooms and

bath each. Interior will be finished in pine and hardwoods. Wall bed will be used in each apartment. Bath rooms will have tile wainscot. There will be open fire places and tile brick mantels. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, Elmore Jeffrey, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. The building has been mentioned here before when plans were first started. The structure will cover an area of 105x71 feet, and has been arranged to contain 85 rooms arranged in two and three room suites with private bath and wall beds. Plans provide for steam heat and elevator service, a hot water plant and vacuum cleaning system. Interior finish will be of pine and hardwood. Cement floors and tile wainscot will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base, frame, \$20,000. Architect, James T. Narbett, Richmond. Owner, Calvi E. Eib. Contractors, The Park Jacobi Co., Richmond. Contract price, \$20,000. The building will be 40x110 feet and interior will be arranged for two and three room suites. Exterior will be faced with cement plaster on metal lath.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, J. Reif, Higgins Bldg., L. A. Owner, Adolph Jahnke, Contractor, J. J. Barrett, 3826 South Hill St., L. A. Contract price not stated.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$80,000. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Bertha W. Sullivan. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$80,000.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$70,000. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Howard W. Squires. Contractors, The Main Building Co., Thorpe Bldg., L. A. Contract price, \$70,000.

LOS ANGELES, CAL.—Apartment house, 4 story and base, brick and steel, \$19,000. Architect, none. Owner, Dr. T. J. Rush. Contractors, Pacific States Investment Co., 107 S. Broadway, L. A. Contract price, \$19,000.

BANKS.

Contracts Awarded.

HONOLULU, HAWAII—Bank and offices, 4 story and base. Class A construction, \$135,000. Architects, Ripley & Davis, Honolulu. Owners, Charles Brewer Estate, Ltd. Contractors, Lord Young Engineering Co., Honolulu. Contract price, \$135,000.

BRIDGES, DAMS AND HARBOUR WORK.

STONY CREEK, GLENN CO., CAL.—Bridge, steel and concrete, \$150,000. Engineer, County Surveyor, Wilcox

owners, Glenn County. This work has been mentioned here before. Bids for the construction were recently opened but have all been rejected. A dispute over the right-of-way to one of the approaches could not be settled. This question will be taken up at the next meeting of the Board of Supervisors and settled, after which new proposals will be published and a contract let. Plans and specifications can be obtained from the County Surveyor at Willows.

SEATTLE, WASH.—Bridge, steel and concrete, \$200,000. Engineer, City Department of Engineering, Seattle. Owners, City of Seattle. Bids are again being taken for the construction of the West Wheeler street bridge. The Board of Public Works will open figures for this work on May 16th. Previous bids were all in excess of the amount available.

CHURCHES.

CAMARILLO, VENTURA CO., CAL.—Chapel, 1 story and wing, reinforced concrete, \$31,600. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Mission San Juan Camarillo. Contractors, W. A. Schumacher Co., Brockman Bldg., L. A., general construction, \$31,600. Other contracts aggregating \$10,000 have also been awarded.

COURT HOUSES.

SEATTLE, WASH.—Court house, 3 and 5 story, Class A construction, \$950,000. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. Final plans and specifications for the construction of this building have been approved and bids for the work are being advertised. The building will be erected on the block bounded by Jefferson, James, 3rd and 4th streets. There will be a complete steel frame and fireproof construction throughout. The main portion of the building will be three stories high and the center portion five stories. Bids will be opened on June 3rd. Alternate proposals for granite facing and terra cotta facing are being taken. Plans can be secured from the architect.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Factory, 4 story and base, reinforced concrete, \$50,000. Architect, Hans Pederson, Madison Bldg., Seattle. Owner, Hans Pederson. Mr. Pederson is preparing plans for a four-story reinforced concrete building which will be erected at the corner of Republican and Fairview streets. Construction will be fireproof throughout, with reinforced concrete walls, concrete floors and roof and metal window sash and frames. There will be fireproof doors and an automatic sprinkler system. Exterior of the building will be faced with cement plaster. The structure has been designed for an overall factory. Bids are to be called for at once.

FIRE HOUSES AND JAILS.

PORTLAND, ORE.—Fire houses, 2, 1 story and base, brick, \$15,000 each. Engineer, Chief Engineer City Fire Department, Portland. Owners, City of Portland. Plans for two new fire houses have been completed and bids

are now being taken. One of the stations will be erected at the corner of Third and Glisan, and the other at the corner of Fourteenth and Glisan. Plans can be secured from the Chief Engineer of the Fire Department at the City Hall. Bids will be opened on May 15th.

LOS ANGELES, CAL.—Fire house, 2 story and base, brick, \$15,000. Architect, Chief Building Inspector Backus, L. A. Owners, City of Los Angeles. The building will cover an area of 46x72 feet, and is to be erected at the corner of Central avenue and 14th street. Interior will be finished in pine throughout. There will be special plumbing, including shower baths. The exterior of the building will be faced with pressed brick. Plans have been completed and bids are being taken by the Purchasing Agent of the City.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic Sts., S. F. The building will be erected in the rear of an apartment house which is now being erected by the same owners at the corner of Hayes and Masonic streets. The building will be arranged for two modern flats of five and six rooms each. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic and cement plaster. Plans are in the hands of the owners and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Flats, 2 story and base, frame, \$6,000. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mrs. A. Broksch. The building will be arranged for two flats of five and six rooms each with bath. Interior finish will be entirely of pine with some oak floors. Plans provide for gas grates with brick mantels. Bath rooms will have tile wainscot. The exterior of the building will be covered with rustic. Plans are being prepared and figures will be called for shortly.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,000. Architect, August Nordin, Mills Bldg., S. F. Owner Lucia Higginbotham. The building will be erected on 16th street and will cover an area of 27x45 feet. Interior has been arranged to contain four modern flats each of which will contain four rooms and bath. Interior finish will be of pine and redwood with some hardwood floors. There will be cement floors in the bath rooms and tile wainscot. Each flat will have an open fire place and tile or brick mantel. Exterior of the building will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

GARAGES.

SAN FRANCISCO—Garage, 2 story and base, reinforced concrete. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Van Ness Avenue Realty Co. This building will be erected on property owned by the San Francisco Ladies' Relief Society on Van Ness avenue be-

tween Geary and Post streets, which has been leased for a long term of years to the Realty Co. The property has a Van Ness frontage of 275 feet and extends back a distance of 150 feet. Construction will be fireproof throughout. The structure has been designed for the exclusive use of firms in the automobile business and leases totalling over \$2,000,000 have already been made. Exterior of the structure will be faced with cement plaster. Plans are being prepared.

BAKERSFIELD, KERN CO., CAL.—Garage, 2 story and base, brick and steel. Cost not stated. Architect, none. Owners, Erb and Drury, Bakersfield. Plans are complete for a two-story addition to the present Bakersfield Garage and Auto Supply Co. The addition will cover an area of 57x149 feet and will contain additional storage space, machine shop and repair department. Exterior of the building will be faced with cement plaster. Bids will be taken by the owners.

GOVERNMENT WORK AND SUPPLIES.

Transmission Line Material.

The following bids were opened by the U. S. reclamation service, Los Angeles, Cal., for miscellaneous material for transmission line under advertisement No. 195:

Item 1, porcelain knobs, leather heads, porcelain tubes and cleats; 2, sockets and fuses; 3, entrance switches; 4, brackets, glass insulators, and locust pins; 5, tape, soldering paste, and solder; 6, fuse wire.

Western Electric Co., Los Angeles, Cal., item 1, \$29; 2, \$95.65; 3, \$22.75; 4, \$300; 5, \$18; 6, \$2.25; total, \$195; all deliveries Los Angeles, time for all items, 1 day, except item 4, in 14 days.

Woodill & Hulse Electric Co., Los Angeles, Cal., item 1, \$37.65; 2, \$92; 3, \$25; 5, \$19.70; 6, \$2.10; all deliveries Los Angeles, 2 days.

Standard Appliance Co., San Francisco, Cal., item 1, \$32.17; 2, \$104; 3, \$37.36; 4, \$21.23; 5, \$21.25; 6, \$1.84; all deliveries Chicago, 1 day; total, \$219.95.

Holabird-Reynolds Co., Los Angeles, Cal., item 1, \$34.43; 2, \$97.99; 3, \$26.88; 5, \$23.20; 6, \$2.16; all deliveries Los Angeles, 1 day.

Air Brake Switches, Sun River.

The following bid was received May 4 under advertisement No. 191 by the engineer of the U. S. reclamation service, Los Angeles, Cal., for furnishing two 100-ampere outdoor type air brake switches for sectionalizing the transmission line on the Sun River project, Mont.:

Pacific Electric Mfg. Co., San Francisco, Cal., \$120; 10 days.

Dredging, Oakland Harbor.

Bids for dredging in Oakland Harbor, Cal., about 1,038,450 cubic yards were received by Thomas H. Reese, colonel of engineers, U. S. Army, San Francisco, Cal., as follows:

Standard American Dredging Co., Merchants' Exchange Building, San Francisco, Cal., 15 1-3c per cubic yard. San Francisco Bridge Co., Nevada Bank Building, San Francisco, Cal., 12 8-10c per cubic yard.

N. R. Harris, 21 California street, San Francisco, Cal., 13 48-10mc per cubic yard.

Reclamation Work.

Proposals have been opened by the Reclamation Service for the construction of an extension of the Selig Canal and Peach Valley lateral of the Uncompahgre Valley project, Colo. The lowest bid for all the schedules was submitted by the Saylor Construction Co., of Lamar, Colo., for a total price of \$72,929.50. Contract has been awarded to this company on all schedules from 3 to 11, both inclusive. These schedules call for the excavation of 6.2 miles of the Selig extension canal and 3.4 miles of the Peach Valley lateral. The total work involves the excavation of about 171,500 cubic yards and 930 feet of tunnel.

Drain, Port Worden.

The contract for 230 linear feet 10-inch drain at Port Worden, Wash., has been awarded to Jones & Crompton, of Port Townsend, Wash., at \$392.

Boiler, Vancouver Barracks.

The contract for installing one Kewanee boiler at Vancouver Barracks, Wash., pumping plant has been awarded to D. F. Dougherty, Vancouver, Wash., at \$968.

Insulators, Sun River Project.

The following bids were opened under advertisement No. 188 by the engineer of the U. S. Reclamation Service, Los Angeles, Cal., on May 2 for furnishing insulators and pins for the Sun River project, Mont., as follows:

Item 1, 7,150 porcelain insulators, with pins; 2, 3,600 glass telephone insulators.

Pierson-Roeding Co., Los Angeles, Cal., item 1, for No. 3 3/4, \$1,771.80; No. 101, \$2,343.80; No. 64, \$4,131.75; delivery Derry, Pa.; 60 days.

Pittsburg High Voltage Insulator Co., Derry, Pa., item No. 71, \$1,947.75; delivery Derry, Pa.; 60 days.

Brookfield Glass Co., New York, N. Y., item 1, glass insulators, No. 137, \$1,379; delivery New York, 30 days; item 2, \$50.40; delivery New York, 10 days.

Wire Fence, Fort D. A. Russell.

Bids for 12,550 feet barbed wire fence at Fort D. A. Russell, Wyo., were received by Major J. A. Cole, quartermaster, U. S. Army, as follows:

Wilseck & Inman, Cheyenne, Wyo., \$750.

R. N. La Fontaine, Cheyenne, Wyo., \$1,693.

HALLS & SOCIETY BLDGS.

SAN FRANCISCO—Auditorium, 3 story and base. Class A construction, \$1,000,000. Architects, John Galen Howard, John Reid, Jr., and Frederick H. Meyer, associated. Supervision of Director of Works P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for furnishing, fabricating and erecting the structural steel and iron work for this building have been completed and are now out for figures. Bids will be opened by the Buildings and Grounds Committee on May 29th. Plans and specifications can be obtained from the Director of Works. The official proposal appears in another column of this issue.

OAKLAND, CAL.—Auditorium, steel. Class A construction, \$500,000. Archi-

itects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. This work has been advertised for bids twice before. Plans have been revised and new figures will be opened on May 15th. Plans and specifications can be obtained from Architect J. J. Donovan. The official proposal appears in another column of this issue.

TILLAMOOK, ORE.—Lodge hall, 2 story and base, brick and steel, \$25,000. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, I. O. O. F. Hall Association, Tillamook. The building will be designed for stores on the first floor and lodge rooms, assembly hall and banquet room on the upper floor. The structure will cover an area of 80x100 feet and will be classical in design. Considerable structural steel will be used. Interior finish will be of pine and hardwood. There will be steam heat. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SAN DIEGO, CAL.—Lodge hall, 5 story and base, brick and steel, \$75,000. Architect, Del W. Harris, Timken Bldg., San Diego. Owners, Woodmen of the World. The building will be erected at the corner of 12th and G streets and will cover a considerable area. The structure will be practically fireproof. The first floor is to be arranged for stores, a separate entrance for the lodge rooms and an entrance and lobby for a hotel. Upper floors will be divided into hotel rooms and lodge halls and the offices of the organization. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. A vacuum cleaning system will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Construction will be started in two months.

HOSPITALS.

SAN FRANCISCO—Hospital lighting fixtures. Cost not stated. Designers, Reynolds & O'Brien, Humboldt Bank Bldg., S. F. Owners, City and County of San Francisco. Reynolds & O'Brien have been commissioned by the Board of Public Works to prepare plans for the lighting fixtures for the new San Francisco Hospital Buildings. Plans are nearly complete and figures will be taken through the Board of Public Works within a few weeks.

SAN FRANCISCO—Hospital, 2 story and base, reinforced concrete, \$25,000. Architect, State Architect Woollett. Sacramento. Owners, State of California. The recent passage of a Senate bill provides for the construction of a hospital building adjoining the Ferry House in this city. This hospital will be under the control of the State Board of Harbor Commissioners. Plans for the building have just been started in the office of the State Architect and details of construction cannot be secured at this time. Further mention will be made in these columns as the work progresses.

ASTORIA, ORE.—Hospital, 2 story and base, brick and concrete, \$25,000. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Clatsop County. The building will be designed for a County Hospital and will contain wards for males and females, dining rooms, kitchens, nurses' quarters and a large operating room. Plans in-

clude steam heat, elevator service and a vacuum cleaning plant. Interior will be finished in pine and hardwood. The exterior of the building will be face with cement plaster and pressed brick. Plans are now being prepared and will be a matter of three weeks or month before figures will be taken.

HOTELS.

RIVERSIDE, RIVERSIDE CO., CAL.—Hotel additions, 2, 4 story and base reinforced concrete. Cost not stated. Architect, Myron Hunt, Hibernal Bldg., L. A. Owner, Frank Miller. These additions will be in the form of two wings, each 48x100 feet, and will be built at the Riverside Inn. Ground floors will contain dining rooms, exhibit rooms and curio rooms. Upper floors will be arranged for guest rooms, all of which will have connecting baths. Plans provide for steam heat and elevator service. Exterior will be faced with cement plaster and roofs will be covered with red clay tile. Plans are being prepared. The work will be done by Day Labor.

LIBRARIES.

ALHAMBRA, LOS ANGELES CO., CAL.—Library, 1 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, City of Alhambra. This building was mentioned in last week's issue. The time for opening bids has been postponed until May 17th. Plans can be secured from the City Clerk.

LOS ANGELES, CAL.—Library, 2 story and base, brick and concrete, \$30,000. Architects, Train & Williams, associated with F. M. Ashley, Exchange Bldg., L. A. Owners, City of Los Angeles. All bids received for this work were in excess of the appropriation. Plans are now being revised and new figures will be called for shortly. The following is a list of the bids received: Kling Co., \$32,217; C. Karseboom, \$33,220; Alta Planing Mill Co., \$36,171; Alpetter, Hall & Alpetter, \$38,791; F. O. Engstrum Co., \$41,320.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Lath house, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for a building for the storage of lath, which is to be placed at the disposal of the horticultural department, have been complete and bids for its construction are now being taken. Bids will be opened by the Buildings and Grounds Committee on May 13th. Plans and specifications can be obtained from the Director of Works. An official proposal appears in this issue.

SAN FRANCISCO—Pile foundations. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on May 22nd for the construction of a pile foundation for the Building of Mines and for the Varied Industries Building. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS
AND EQUIPMENT.

FRESNO, FRESNO CO., CAL.—Railroad station, 2 story and base, frame, \$15,000. Engineers, Engineering Department Santa Fe R. R. Co., L. A. Owners, Santa Fe R. R. Co. A contract will be let within the next few days for the construction of a Mission style addition to the company's passenger station at Fresno. The building will be covered with cement plaster on metal lath and will have a clay tile roof. Plans are now being figured.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, A. T. Morris, 616 9th Ave., S. F. The dwelling will be erected on 12th avenue, south of Anza, and has been designed for a six room house with bath. Interior finish will be of pine, with hardwood floors in the living room, dining room and reception hall. There will be an open fire place in the living room with a large brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,700. Architect, none. Owner, Frank Pegel, 306 10th Ave., S. F. The house has been designed for a seven-room dwelling with bath and will be erected on Geary street east of Palm avenue. Interior finish will be of pine with elm panels in the living room. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with brick veneer and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, James Donahue, 914 Anza St., S. F. The house will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place in the living room with brick mantel. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Scobie, 363 14th Ave., S. F. This house will be similar to a number of others erected recently by Mr. Scobie in the Richmond district. The dwelling has been designed for a seven-room dwelling with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal

lath. Plans are complete and the work will be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, T. J. Davis, 2052 Central Ave., Alameda. The house will be erected on a corner lot and will contain seven rooms and bath. Interior finish will be of pine with elm panels. Hardwood floors will be used in the principal rooms. Bath room will be finished in tile. An automatic water heater will be installed. Plans provide for furnace heat and open fire places. Mantels will be of brick. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the owner.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$15,000. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, John P. Maxwell. The dwelling will be erected on Lee street near Montecito, and will contain twelve rooms besides the attic. A garage will be erected on the rear of the lot. Interior finish will be of pine, hardwood and white enamel. There will be furnace heat and open fire places. Bath rooms will be finished in tile. Hardwood floors will be used in the principal living rooms, dining room and reception hall. An automatic water heater will be installed. A large sleeping porch has also been provided for in the plans. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residences, 3, 2 story and base, frame, \$2,500 each. Architect, W. H. Hudson, Albany Bldg., Oakland. Owners, Mansfield Bros. These dwellings will be erected at the corner of Brookhurst and Market streets, and each will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living rooms, dining rooms and kitchens. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owners who are now purchasing all materials. The work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$15,000. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mrs. A. S. O'Conner. This dwelling has been mentioned here before when plans were first started. The house will contain twelve rooms, three baths and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in all of the principal rooms. Bath rooms will be finished in tile. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Roof will be covered with either clay tile or shingles. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, W. H. Hudson, Albany Bldg., Oakland. Owner, Miss L. J. Lloyd. The dwelling has been designed for a nine-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal living rooms and reception hall. Bath rooms will be finished in tile. There

will be furnace heat and open fire places. Mantels will be of brick or tile. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$2,250. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood with oak floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$4,800. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, Mary Schwartz. The house will be erected on Villa Vista avenue near Elwood, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and white enamel. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

WINSHIP PARK, MARIN CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architects, Hutchinson Bros., 470 13th St., Oakland. Owner, A. A. Robertson. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Cottage, 1 story and base frame, \$1,500. Architect none. Owner, F. M. Bargas, 16 West Santa Clara Ave., San Jose. The dwelling will contain six rooms and bath. All interior trim will be of pine. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owner, M. Fauth, 225 South Irving St., S. F. The house will contain six rooms and bath. Interior will be finished in pine with some hardwood floors. There will be open fire place in the living room with a large brick mantel. Bath room and kitchen will have tile wainscot. The exterior of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner

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who will do the work by Day Labor.

OAKLAND, CAL.—Residence, 1 story and base, frame, \$1,500. Architect, F. D. Voorhees, Central Bank Bldg., S. F. Owner, F. W. Diehl. The dwelling will be erected at the corner of 34th and West streets, and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and furnace heat. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the baths and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

OAKLAND, CAL.—Residence, 3 story and base, frame, \$15,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mrs. G. T. Henshaw. The dwelling is to be erected in East Piedmont Heights and will be arranged for twelve rooms, three baths and sleeping porch. Interior will be finished in hardwood, pine and white enamel. Hardwood floors will be used throughout. Bath rooms will be finished in tile. There will be several open fire places with brick or tile mantels. Furnace heat and an automatic water heater will be specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

STOCKTON, SAN JOAQUIN CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, Frank Gurnsey. The dwelling will be erected in the Bones Tract and will contain ten rooms, baths and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Hardwood floors will be used in the principal living rooms and reception hall. Mantels will be of tile and brick. Tile will be used in the bath rooms and kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$25,000. Architects, Edelman & Barnett, Blanchard Bldg., L. A. Owner, Sol. Aronson. Contractors, Pacific Engineering Co., H. W. Hellman Bldg., L. A. Contract price, \$25,000.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, concrete and frame, \$65,000. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building will be known as the Le Conte School. Working drawings were recently out for figures and all bids received by the Board of Public Works were rejected as above the estimates. Plans are now being revised and new figures will be called for in due time. The revision of the plans and re-advertising of the work will not be accomplished before the middle of next month.

SAN JOSE, SANTA CLARA CO., CAL.—School, 1 story and base, reinforced concrete, \$65,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Hester School District. This building has been mentioned here be-

fore when plans were first out for figures. These original plans have been revised and new bids are now being taken. The building will contain fourteen class rooms and an auditorium. Interior will be finished in pine with some cement and maple floors. A central heating system, modern school plumbing and a vacuum cleaning system will be installed. The exterior of the building will be faced with cement plaster. Plans can be secured from the Clerk of the Hester School Board at San Jose.

MAXWELL, COLUSA CO., CAL.—School, 1 story and base, reinforced concrete, \$25,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Maxwell School District. The building has been out for figures before but all bids were rejected. Plans are now being revised and figures will be called for on the new set within two weeks. The plan includes eight class rooms and assembly hall. Separate bids will be taken for the heating, plumbing and general construction. Exterior of the building will be faced with cement plaster. Plans can be secured from the architect.

QUINCY, PLUMAS CO., CAL.—School, 2 story and base, reinforced concrete, \$30,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Quincy Union High School. Architect Weeks has just been selected to prepare plans for this building. The school will be designed for a Union High School and will contain a number of class rooms, assembly hall and manual training departments. Other than the fact that it will be of the reinforced concrete type of construction details cannot be given at this time. Mr. Weeks will appear before the School Trustees next Saturday to receive instructions.

HUGHSON, STANISLAUS CO., CAL. School, 1 story and base, concrete and brick, \$18,000. Architects, Stone & Wright, 24 So. California St., Stockton. Owners, Hughson School District. The Clerk of the Board may be addressed at Modesto. The building has been designed for a four-room school. Interior will be finished in pine and maple. There will be a central heating system. A metal tile roof will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared for the work.

ONTARIO, SAN BERNARDINO CO., CAL.—School, 2 story and base, brick and concrete, \$40,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Ontario School District. The building has been designed for a high school and will contain ten class rooms, auditorium, manual training and domestic science departments. Interior will be finished in pine with maple floors. Plans provide for steam heat and modern ventilating system. Exterior walls will be of brick or reinforced concrete faced with cement plaster. Plans are now being prepared.

BAKERSFIELD, KERN CO., CAL.—School addition, 2 story and base, brick. Cost not stated. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. This work has been mentioned here before when plans were first prepared. Bids will be opened by the School Board of May 15th. The building will contain four class rooms and an auditorium. Plans can be secured from the architect.

VENICE, LOS ANGELES CO., CAL.—School, 1 story and base, frame, \$25,000.

Architects, Eager & Eager, Story Bldg., L. A. Owners, Venice School District. The building will be built around three sides of a court 100x112 feet. The main portion of the building will contain the auditorium, one of the wings four class rooms and the other wing domestic science and manual training departments. Interior will be finished in pine with maple floors. There will be a central heating system and vacuum cleaning. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and bids will be opened on May 14th.

SEATTLE, WASH.—Schools, 2, 2 story and base, reinforced concrete and brick, \$75,000 and \$50,000. Architect, Edgar Blair, 901 7th Ave., Seattle. Owners, City of Seattle. Plans for these two buildings have been completed and bids will be called for at once. The \$75,000 building is to be known as the Lake School. The \$50,000 will be expended in constructing an addition to the West Woodland School. Plans can be secured from the architect.

TACOMA, WASH.—School, 3 story and base, reinforced concrete, \$50,000. Architects, Heath & Grove, National Realty Bldg., Tacoma. Owners, City of Tacoma. Plans for the construction of a five-room brick school, known as the Hawthorne School, have been completed and figures will be called for at once. This work is estimated to cost \$22,000. Plans for the boys' and girls' gymnasium, two separate buildings, which are to be erected at the Stadium School, are also complete and bids will be taken shortly. Each of these buildings will cost in the neighborhood of \$50,000. Plans and specifications can be obtained from the architects. Construction of the gymnasium buildings will be of reinforced concrete.

SEWERS, STREET WORK AND WATER SYSTEMS.

OXNARD, VENTURA CO., CAL.—Water System, \$200,000. Engineers, Olmstead & Gillette, Wright and Callender Bldg., L. A. Owners, City of Oxnard. Plans for the construction of a municipal water system have been approved by the City Council and bids have been called. Bonds to the extent of \$200,000 have been voted for this work. Plans can be secured from either the City Clerk or from the engineers. The official proposal appears in another column of this issue. Bids will be opened at Oxnard on May 27th.

HALF MOON BAY, SAN MATEO CO., CAL.—Water tank and well drilling. Cost not stated. Engineer, none. Owners, Half Moon Bay High School. Bids will be opened on June 1st for furnishing and erecting a water tank and for drilling a well for the water supply of the Half Moon Bay High School District. Plans can be secured from Dr. W. A. Brooke, Half Moon Bay.

TULARE, TULARE CO., CAL.—Water System and tank. Cost not stated. Engineers, Sloan & Rohson, Nevada Bank Bldg., S. F. Owners, City of Tulare. Bids opened by the City Trustees for the construction of a water system in Tulare show the Des Moines Bridge and Iron Works low for the steel tank and tower at \$9,840, and they were awarded the contract. O. D. Vincent was low at about \$37,617.70 for the water system. Next low on this work was the Coalga Tank and Pumping Co. No action was taken.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Stores and lofts, 2 story and base, brick and steel. Cost not stated. Architect, Albert Pissis, Flood Bldg., S. F. Owner, Albert Pissis. The building will replace a present frame building occupying this corner. Leases have been made on a part of the building, the ground floor and basement, which will be designed for a modern bakery. Upper floor will be subdivided into lofts or offices. Interior finish will be of pine. There will be metal window frames and sash. Exterior will be faced with pressed brick. Plans are being prepared.

SAN FRANCISCO—Stores, additions and alterations, 2 story, brick, \$10,000. Architects, O'Brien Bros., Clunie Bldg., S. F. Owners name withheld. This work is to be done on the building now located on the north side of Clay street east of Drumm. An elevator will be installed, patent store fronts and considerable structural steel and iron. Exterior will be faced with pressed brick. The building covers an area of 39x115 feet. Plans are complete and figures are being taken for the work.

SAN FRANCISCO—Stores, 1 story and base, concrete and frame, \$5,000. Architect, none. Owners, Stockholm & Allyn, Monadnock Bldg., S. F. The building will be erected on Ellis street west of Fillmore and will be arranged for three small stores. The structure covers an area of 50x80 feet. Interior finish will be of pine throughout. There will be large plate glass display windows. Exterior of the building will be faced with rustic and cement plaster. Plans are in the hands of the owners and the work will be done by Day Labor.

SAN FRANCISCO—Store and office alterations, brick and steel construction. Cost not stated. Architects, Righetti & Headman, Phelan Bldg., S. F. Owners, Montgomery Block Association. The building on Washington street just east of Montgomery will undergo extensive alterations. Plans for this work provide for structural steel and iron, elevators patent store fronts, electric work and plumbing. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Stores and flats, 3 story and base, reinforced concrete, \$12,000. Architects, E. A. Schumacher, associated with William Mosser, Nevada Bank Bldg., S. F. Owner, Louise Neppert. The building will be designed for a bakery and stores on the first floor and flats above. The structure will be erected on Stockton street south of Broadway. Interior finish will be of pine with some hardwood floors. Plans provide for patent store fronts and sidewalk doors. The exterior of the building will be faced with white cement plaster. Plans are complete and figures are being taken.

OAKLAND, CAL.—Stores, 1 story and base, brick, \$10,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, Hugo Abrahamson. The building will be erected at the corner of 26th and Broadway and will cover an area of 70x100 feet. There will be several modern retail stores with large

display windows in patent fronts. Interior finish will be of pine. There will be sidewalk doors. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within a week or ten days.

OAKLAND, CAL.—Stores and lofts, 7 story and base. Class C construction, \$85,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. The building is to be erected at the corner of 13th and Webster streets and will cover an area of 50x100 feet. The first floor will contain stores and an attractive entrance to the upper floors. Upper floors will be subdivided into light lofts equipped in the most modern manner. There will be elevator service, metal window sash and frames and fireproof doors. Interior will be finished in pine and hardwood. Patent store fronts and sidewalk doors are to be specified. Exterior of the building will probably be faced with pressed brick. Working drawings have just been started.

STOCKTON, SAN JOAQUIN CO., CAL.—Store and office alterations, 4 story, brick and steel. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owners, Citizens' Investment Co. This work will include the installation of modern elevator equipment, oil burning furnaces and steam heat. New electric wiring, plumbing and store fronts will also be installed. Exterior of the building will be faced with pressed brick. Considerable structural steel and iron will be used. Plans for this work are now being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 9 story and base. Class A construction, \$225,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Metropolitan Fireproof Building Co. Contractor, O. F. Engstrom, 5th and Seaton Sts., L. A., general construction only. Contract price not stated. Plumbing, electric work, heating, marble and tile work, elevators and ornamental iron work will be let separately.

LOS ANGELES, CAL.—Store and office addition, 4 story and base, reinforced concrete, \$82,000. Architect, Harrison Albright, Laughlin Bldg., L. A. Owner, John D. Spreckels. Contractors, The John Roberts Co., Lankershim Bldg., L. A. Contract price, \$82,000.

LOS ANGELES, CAL.—Stores and lofts, 6 story and base, reinforced concrete, \$60,500. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, P. W. Braun. Contractors, Gavanagh-McCutcheon Co., Union Oil Bldg., L. A. Contract price, \$60,500.

SAN FRANCISCO—Stores and offices, 3 story and base, brick and steel, \$74,000. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owner, Santa Christiana Investment Co. Contractors, Mathies & Griffiths, 180 Jessie St., S. F., general construction. Contract price, \$70,000.

PORTLAND, ORE.—Offices, 5 story and base. Class A construction, \$80,000. Architects, MacNaughton & Raymond, Concord Bldg., Portland. Owners, Title and Trust Building. Contractors, Boyajohn-Arnold Co., Wilcox Bldg., Portland, general construction. Contract price, \$80,000.

SEALED PROPOSALS.

PROPOSALS FOR STRUCTURAL STEEL.

Pursuant to Resolution No. 5336 N. S., passed April 30, 1913, the Council of the City of Oakland will receive bids for furnishing of all of the materials, labor and workmanship required in connection with the fabrication, erection and completion of all structural cast iron and steel for the Auditorium to be erected on the grounds of Peralta Park, located on the southerly side of Twelfth street, between Fallon street and Lake Shore avenue or the proposed extension of said avenue, in the City of Oakland, California.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City through the Supervising Architect, and shall be enclosed in sealed envelopes endorsed "Bid for the fabrication, erection and completion of all Structural Cast Iron and Steel for the Auditorium," addressed to the Council and deposited by the bidder, or his agent, with said Council, while in session, between eleven o'clock a. m. and twelve o'clock Noon, Pacific Time, on the 15th day of May, 1913, in the room of the Council in the City Hall, Fourteenth and Washington streets, Oakland, and at the expiration of the time named the bids will be opened, examined, and publicly declared in open session of the Council.

Each bid shall bear the affidavit of the bidder as required by Section 126 of the Charter of the City of Oakland, and of the form which will be furnished by the City with the Form of Proposal.

No proposal or bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of H. E. Magill, City Clerk, in an amount not less than ten per centum (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of the award.

After the award and upon the execution of the agreement, the contractor shall at the same time execute to the City of Oakland, and deliver to the Auditor a bond guaranteeing to the City of Oakland the faithful performance of the contract, and in an amount equal to twenty-five per centum (25%) of the amount named in the agreement. He shall likewise execute and deliver at the same time another and separate bond to protect any and all persons performing labor upon or furnishing materials to be used upon said work, and in an amount equal to fifty per centum (50%) of the amount named in said agreement.

The contractor will be required to begin work within five (5) days from the execution of the contract—unless otherwise notified in writing by the Owner or Architect—and to fully complete the entire work in accordance with the requirements of the agreement, plans, drawing and specifications prepared therefor to the entire satisfaction of the Commissioner of Public Works and the Council within the space of eight (8) calendar months.

from the date of execution of the bonds.

A bound set of the Forms of Proposal, and of the required Affidavits, Agreement, Bonds, Acknowledgments and Specifications will be furnished the contractors on demand at the office of Supervising Architect of the City of Oakland, Security Bank Building, corner 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after April 30th, 1913, within a reasonable time after application, and upon the deposit of Twenty-five Dollars (\$25.00); which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition; one complete set of Plans and Drawings required for the work will be furnished each applicant complying with the above.

Each bidder shall submit a formal bid in strict accordance and without deviation from the plans and specifications, unless such deviation shall have been previously authorized by, and written permission therefor obtained from the Supervising Architect; in case any such deviation shall be allowed as aforesaid for the submission of the bid or award of contract notice thereof will be served upon all the bidders by the Architect.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the specifications or drawings will be given by the Supervising Architect upon application at his office.

The right is reserved by the Council in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

H. E. MAGILL,
City Clerk.

By E. F. HOLLAND, Deputy.
Oakland, May 1, 1913.

NOTICE OF SALE OF MUNICIPAL BONDS OF THE CITY OF OXNARD, CALIFORNIA.

NOTICE IS HEREBY GIVEN: That sealed bids or proposals will be received by the Clerk of the City of Oxnard, California, until **eight o'clock p. m. on Tuesday, the 27th day of May, 1913**, for the purchase of two hundred (200) of the "Municipal Water Works Bonds, 1912" of said City of Oxnard; each of said bonds are of the denomination of five hundred dollars (\$500.00), are serials in character, are dated May 1st, 1912, bear interest at the rate of five per cent per annum, payable semi-annually on the first day of May and the first day of November of each year, principal and interest payable in gold coin of the United States at the office of the Treasurer of said City of Oxnard, eight of said bonds will be due on the first day of May, 1922, and eight of said bonds on the same day and date of each and every year thereafter until all of said bonds are paid.

Said bonds are issued under the authority of an act of the Legislature of the State of California, entitled "An Act authorizing the incurring of indebtedness by Cities, Towns and Municipal Corporations for municipal improvements and regulating the acquisition, construction and completion thereof," which became a law February 25th, 1901, and in accordance with the provisions of law and the ordinances of said City.

No bids or proposals for said bonds will be entertained at less than their face value, together with the accrued interest at the date of their delivery, and all bids or proposals submitted will be construed by the Board of Trustees to mean par and accrued interest to the date of delivery of said bonds, in addition to the premium offered, whether the bids or proposals set forth the same explicitly or not.

Said bonds are now ready for delivery, and will be delivered at the City Treasurer's office in said City of Oxnard, or at any designated place upon the payment by the purchaser of all the expenses incurred in the delivery of the bonds and transfer of the money necessary to make delivery and payment equivalent to a transaction at the office of said City Treasurer in said City of Oxnard. All bids or proposals providing for delivery at any place other than the said City of Oxnard will be construed by said Board of Trustees to mean the price bid in addition to the expenses of delivery, whether the bid sets forth the same explicitly or not.

Each proposal or bid shall be enclosed in a sealed envelope, addressed to the City Clerk of said City and endorsed "Proposal for Bonds." With each bid or proposal must be submitted a certified or cashier's check drawn upon some responsible bank of the State of California, and payable to the order of the Clerk of the City of Oxnard for an amount equal to five per cent of the face value of the bonds for which said bid or proposal is made, as a guarantee that the successful bidder will take up and pay for said bonds in accordance with his bid within twenty days after said Board of Trustees shall have passed a resolution awarding said bonds to said bidder; and said check and the amount represented thereby will be forfeited to said City on the failure of such successful bidder so to take up and pay for said bonds in the event the bid or proposal is accepted. Said Board of Trustees reserves the right to reject any or all bids or proposals, and to waive any informality in any bid as the interest of said City may require.

All bids must be unconditional and will be considered as such whether specifically so stated in the bid or not **IN AS MUCH AS THE VALIDITY OF SAID BONDS HAS BEEN FULLY ESTABLISHED BY A FINAL JUDGMENT OF THE DISTRICT COURT OF APPEAL, SECOND DISTRICT OF THE STATE OF CALIFORNIA.**

By order of the Board of Trustees of said City of Oxnard.

Dated April 29, 1913.

(Seal) G. R. BELLAH,
City Clerk and ex-officio Clerk of the Board of Trustees of the City of Oxnard. (*)

NOTICE TO CONTRACTORS.

NOTICE is hereby given that sealed bid will be received by the Clerk of the City of Oxnard, California, until **eight o'clock p. m. on the 27th day of May, 1913**, for the construction of a **Municipal Water Plant**. Plans and specifications may be seen at the office of the City Clerk, or obtained at the office of Obnstead & Gillean, 604 Wright and Candler Building, Los Angeles, California, on payment of \$2.50, the cost of printing. These plans and specifications are to become the

property of the purchaser. Each bid shall be accompanied by a certified check for twenty (20%) per cent of the amount of each bid which is less than One Thousand (\$1000) Dollars; or ten (10%) per cent of the amount of each bid which is more than One Thousand (\$1000) Dollars, payable to the said City Clerk, which check shall be forfeited to the City of Oxnard if the successful bidder fails to enter into a contract for the construction of the work with said city, or fails to furnish acceptable surety bonds within ten days after the award.

Bonds for the sum of \$100,000.00 have been voted for this work. All bids shall be on the form provided in the specifications. The Board of Trustees reserve the right to accept any or all bids.
G. R. BELLAH,
Clerk. (*)

PROPOSALS FOR GYMNASIUM EQUIPMENT.

SEALED BIDS WILL BE RECEIVED for the Equipment and Installation of the Gymnasias of the Lowell High School and the Girls High School. Specifications may be had at the office of the undersigned.

Sealed proposals will be received at open session of the Board of Education **Wednesday, May 21, 1913, at 2 o'clock p. m.**
M. R. NORRIS,
Acting Secretary Board of Education.

PROPOSALS FOR ROCK CRUSHER. OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 14th day of May, 1913**, for furnishing and delivering the following material:

The furnishing and delivering of one portable Rock Crusher with elevator and operating power for the use of the Street Repair Department.

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and shipment must be commenced within ten (10) calendar days and completed within sixty (60) calendar days from the date of the contract.

The amount of the bond for faithful performance of the contract has been fixed at \$500.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

F. J. CHURCHILL,
Secretary.

PROPOSALS FOR BUILDING.

BUILDING, ETC.—Office of Constructing Quartermaster, Fort Huachuca, Ariz.—Sealed proposals, in triplicate, will be received here until **10 a. m. May 23, 1913**, for constructing, complete, including plumbing, heating, electric wiring, where required; three double captains' quarters, one troop barrack, one double lavatory, additions to buildings Nos. 19, 20 and 30 and installation of sewer extension at this post. Deposit of \$10 required to insure return of plans and specifications. Plans and specifications may also be

master, San Francisco. For further information address JOHN A. WAGNER, constructing quartermaster.

PROPOSALS FOR STONE.

STONE.—U. S. Engineer Office, Portland, Ore.—Sealed proposals for furnishing and delivering stone for jetty construction, mouth of Columbia River, Oregon and Washington, will be received at this office until 11 a. m., May 15, 1913, and then publicly opened. Information on application. J. F. McINDOE, maj., engs.

PROPOSAL FOR OIL TANK.

OIL TANK.—Sealed proposals indorsed "Proposals for Oil Tank" will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., May 24, 1913, and then and there publicly opened, for one steel oil storage tank at the naval station, Pearl Harbor, Hawaii. Estimated cost, \$20,500. Plans and specifications can be obtained on application to the bureau. WM. M. SMITH, acting chief of bureau.

PROPOSALS FOR PAVING BRICK.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 14th day of May, 1913, for furnishing and delivering the following material:

A quantity of vitrified paving brick, estimated at one hundred thousand (100,000).

Said material must be in accordance with the specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and delivery must be commenced within ten (10) calendar days and completed within thirty (30) calendar days from the date of the contract.

The amount of the bond for faithful performance of the contract has been fixed at \$1,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

By order of the Board of Public Work.

F. J. CHURCHILL,
Secretary.

PROPOSAL FOR CANAL SUPPLIES.

CANAL CIRCULAR 775-B—Isthmian Canal Commission, Office of the General Purchasing Officer, Washington, D. C.—Sealed proposals will be received at his office until 2:30 p. m., May 20, 1913, under circular 775-B for furnishing bolting cable, galvanized wrought steel pipe, sewer pipe, files, hinges, pipe files, blocks, differential and tackle; carpenters' braces, garden hose, door frames, windows and screen windows, waste baskets, library paste, memorandum hooks, cardboard, bond paper and writing paper. Further information may be had upon application to F. C. ROGGS, major, corps of engineers, U. S. Army, general purchasing officer.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSAL FOR BUILDING.

BRICK HOSPITAL.—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Brick Hospital, Wahpeton Indian School, North Dakota," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m., June 2, 1913, for furnishing materials and labor for the erection of a brick hospital at the Wahpeton Indian School, North Dakota, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo., and at the school. For further information apply to the superintendent of the Wahpeton Indian School, Wahpeton, N. D. F. H. ABBOTT, acting commissioner.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M., Thursday, May 23rd, 1913, for the construction of a Pile Foundation for the Mines Building and Varied Industries Building in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Tuesday, May 27, 1913, for the installation of Plumbing, Sewer and Water Pipes of the Transportation Building in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount

examined at offices of chief quartermaster, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Tuesday, May 27, 1913, for the Construction of the Transportation Building in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the surties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

Items dealing with news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—3 story and base, frame, \$28,000. San Francisco. Architect, W. G. Hind, 46 Kearny St., S. P. Owner, Dr. Clyde S. Payne. The building will be erected on the south side of Kearny street east of Reed, and will cover an area of 57x66 feet. Interior has been arranged for eleven suites of two and three rooms each with wall bed and private bath. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. Plans provide for steam heat and a hot water system. Vacuum cleaning system will be installed. Baths will have tile wainscot. The exterior of the building will be covered with rustic and shiplap. Plans are complete and excavating has been started. The work will be done by Day Labor.

APARTMENT HOUSE ADDITIONS AND ALTERATIONS—Frame construction, \$10,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner's name withheld. The present three-story frame building at the corner of Divisadero and Oak streets will be altered so as to contain two stores on the first floor and 32 rooms on the upper floors. The structure covers an area of 50x100 feet. Suites will consist of two and three room apartments with bath. Wall beds will be used in all sites. Interior finish will be of pine and elm panels. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, James E. Reiter. The building will be erected at the northwest corner of Fulton and Franklin streets and will cover an area of 50x60 feet. Interior has been arranged for a number of two and three room suites with private bath and wall beds. Interior finish will be of pine throughout. There will be steam heat and elevator service. Bath rooms will have cement floors and tile wainscot. A hot and cold water system will be installed. Exterior of the building will be faced with cement plaster. Plans have been raised and figures are now being taken.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$65,000. San Francisco. Architects, O'Brien Bros., Clunie Bldg., S. F. Owner, W. J. O'Brien. This work has been mentioned here before when plans were first started. Working drawings have been completed and a contract for the excavating and concrete work has been awarded to John Spargo. Contracts for the other parts of the work are being let. The building will contain eighty rooms which are to be arranged in two and three room suites with bath. Wall beds will be used throughout. Plans provide for a hot and cold water system, elevator service, steam heat and a vacuum cleaning system. The exterior of the build-

ing will be faced with cement plaster. Bath rooms will have cement floors and the wainscot.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, none. Owners, E. J. and W. J. Keenan, Hayes and Masonic Sts., S. F. This building will be erected at the northeast corner of Hayes and Masonic streets and will cover an area of 25x73 feet. There will be six apartments arranged in two and three room suites. Interior finish will be of pine with some hardwood veneer and hardwood floors in the principal rooms. Plans provide for a central heating system. All suites will have private bath rooms and wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

LATH HOUSE—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for a building for the storage of lath, which is to be placed at the disposal of the horticultural department, have been completed and bids for its construction are now being taken. Bids will be opened by the Buildings and Grounds Committee on May 13th. Plans and specifications can be obtained from the Director of Works. An official proposal appears in this issue.

PILE FOUNDATIONS—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on May 22nd for the construction of a pile foundation for the Building of Mines and for the Varied Industries Building. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owners, C. J. and W. J. Keenan, Hayes and Masonic Sts., S. F. The building will be erected in the rear of an apartment house which is now being erected by the same owners at the corner of Hayes and Masonic streets. The building will be arranged for two modern flats of five and six rooms each. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will be finished in tile. The exterior of the building will be covered with rustic and cement plaster. Plans are in the hands of the owners and the work will be done by Day Labor.

ATTICATORIUM—3 story and base, Class A construction, \$1,000,000. San Francisco. Architects, John Golden Howard, John Reld, Jr., and Frederick H. Meyer, associated. Supervision of Director of Works, P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for furnishing, fabricating and erecting the structural steel and iron work

for this building have been complete and are now out for figures. Bids will be opened by the Buildings and Grounds Committee on May 29th. Plans and specifications can be obtained from the Director of Works. The official proposal appears in another column of this issue.

HOSPITAL LIGHTING FIXTURES—Cost not stated. San Francisco. Designers, Reynolds & O'Brien, Humboldt Bank Bldg., S. F. Owners, City and County of San Francisco. Reynolds & O'Brien have been commissioned by the Board of Public Works to prepare plans for the lighting fixtures for the new San Francisco Hospital buildings. Plans are nearly complete and figures will be taken through the Board of Public Works within a few weeks.

HOSPITAL—2 story and base, reinforced concrete, \$25,000. San Francisco. Architect, State Architect Woollett; Sacramento. Owners, State of California. The recent passage of a Senate bill provides for the construction of a hospital building adjoining the Ferry House in this city. This hospital will be under the control of the State Board of Harbor Commissioners. Plans for the building have just been stated in the office of the State Architect and details of construction cannot be secured at this time. Further mention will be made in these columns as the work progresses.

RESIDENCE—3 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, A. T. Morris, 61 9th Ave., S. F. The dwelling will be erected on 12th avenue south of Anza and has been designed for a six-room house with bath. Interior finish will be of pine with hardwood floors in the living room, dining room and reception hall. There will be an open fire place in the living room with large brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. All materials are now being purchased.

RESIDENCE—2 story and base, frame, \$4,700. San Francisco. Architect, none. Owner, Frank Pegel, 30 10th Ave., S. F. The house has been designed for a seven-room dwelling with bath and will be erected on Geary street east of Palm avenue. Interior finish will be of pine with elm panels in the living room. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat, an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with brick veneer and rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, James Donahue, 91 Anza street, S. F. The house will contain six rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room and dining room. There will be a large open fire place in the living room with brick mantel. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Thomas Sobhe, 363 14th Ave., S. F. This house will be similar to a number of others erected by Mr. Sobhe recently in the Richmond District. The dwelling has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Bath room will be finished in tile. An automatic water heater will be installed. Exterior of the house will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$25,000. San Francisco. Architect, none. Owners, McKillop Bros., 540 Cole St., S. F. The building will cover an area of 30x150 feet. There will be a number of two and three room suites, all of which will be equipped with wall beds and private bath rooms. Interior finish will be of pine with some elm panels and hardwood floors. Plans provide for a central heating system and hot water plant. Bath rooms will have tile wainscot. Exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor. The owners are now in the market for all materials.

FLATS—2 story and base, frame, \$6,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owner, Lucia Higginsbotham. The building will be erected on 16th street and will cover an area of 27x45 feet. Interior has been arranged to contain four modern flats each of which will contain four rooms and bath. Interior finish will be of pine and redwood with some hardwood floors. There will be cement floors in the bath rooms and tile wainscot. Each flat will have an open fire place and tile or brick mantel. Exterior of the building will be covered with rustic and cement plaster. Plans are complete and the work will be done by Day Labor.

GARAGE—2 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owners, Van Ness Avenue Realty Co. This building will be erected on the property owned by the San Francisco Ladies' Relief Society on Van Ness avenue between Geary and Post streets, which has been leased for a long term of years to the Realty Co. The property has a Van Ness avenue frontage of 275 feet and extends back a distance of 150 feet. Construction will be fireproof throughout. The structure has been designed for the exclusive use of firms in the automobile business, and leases totaling over \$2,000,000 have already been made. Exterior of the structure will be faced with cement plaster. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owner, M. Fauth, 225 South Irving St., S. F. The house will contain six rooms and bath. Interior will be finished in pine with some hardwood floors. There will be open fire place in the living room with a large brick mantel. Bath room and kitchen will have tile wainscot. The exterior

of the dwelling will be covered with rustic and cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SCHOOL—2 story and base, concrete and frame, \$65,000. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building will be known as the Le Conte School. Working drawings were recently out for figures and all bids received by the Board of Public Works were rejected as above the estimates. Plans are now being revised and new figures will be called for in due time. The revision of the plans and re-advertising of the work will not be accomplished before the middle of next month.

STORES AND LOFTS—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Albert Pissis, Flood Bldg., S. F. Owner, Albert Pissis. The building will replace a present frame building occupying this corner. Leases have been made on a part of the building, the ground floor and basement, which will be designed for a modern bakery. Upper floor will be subdivided into lofts or offices. Interior finish will be of pine. There will be metal window frames and sash. Exterior will be faced with pressed brick. Plans are being prepared.

STORES, ADDITIONS AND ALTERATIONS—2 story, brick, \$10,000. San Francisco. Architects, O'Brien Bros., Clinic Bldg., S. F. Owner's name withheld. This work is to be done on the building now located on the north side of Clay street east of Drumm. An elevator will be installed, patent store fronts and considerable structural steel and iron will be used. Exterior will be faced with pressed brick. The building covers an area of 39x115 feet. Plans are complete and figures are being taken for the work.

STORES—1 story and base, concrete and frame, \$5,000. San Francisco. Architect, none. Owners, Stockholm & Allyn, Monadnock Bldg., S. F. The building will be erected on Ellis street west of Pillmore, and will be arranged for three small stores. The structure covers an area of 50x50 feet. Interior finish will be of pine throughout. There will be large plate glass display windows. Exterior of the building will be faced with rustic and cement plaster. Plans are in the hands of the owners and the work will be done by Day Labor.

STORE AND OFFICE ALTERATIONS—Brick and steel construction. Cost not stated. San Francisco. Architects, Riggett & Headman, Phelan Bldg., S. F. Owners, Montgomery Block Association. The building on Washington street just east of Montgomery will undergo extensive alterations. Plans for this work provide for structural steel and iron, elevators, patent store fronts, electric work and plumbing. The exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor.

STORES AND FLATS—3 story and base, reinforced concrete, \$12,000. San Francisco. Architects, E. A. Schumacher associated with William Mooser, Nevada Bank Bldg., S. F. Owner, Louise Neppert. The building will be designed for a bakery and stores on the first floor and flats above. The structure will be erected on Stock-

ton street south of Broadway. Interior finish will be of pine with some hardwood floors. Plans provide for patent store fronts and sidewalk doors. The exterior of the building will be faced with white cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

STORES AND OFFICES—3 story and base, brick and steel, \$70,000. San Francisco. Architects, Miller & Colmesnil, Lick Bldg., S. F. Owner, Santa Christina Investment Co. Contractors, Matthies & Griffiths, 180 Jessie St., S. F., general construction. Contract price, \$70,000.

BANK AND OFFICES—4 story and base. Class A construction, \$135,000. Honolulu, Hawaii. Architects, Ripley & Davis, Honolulu. Owners, Charles Brewer Estate, Ltd. Contractors, Lord-Young Engineering Co., Honolulu. Contract price, \$135,000.

Building Contracts Awarded

San Francisco.

1714	Bendel	Boeddecker	3400
1715	Welch	Koenig	7040
1716	City & Co of S F	Hansen	4490
1717	Dunn	Little	10000
1718	Cornwall	Kaiser	2600
1719	Same	Daniels	1050
1720	Same	Chalmers	1760
1721	Same	Otis	1700
1722	Same	Petersen	2350
1723	Vosti	Rosina	4720
1724	Plodi	Rosina	4385
1725	Geiger	Anderson	4998
1726	Keenan	Kaiser	6000
1727	Harrington	Harrington	450
1728	Keenan	Keenan	4000
1729	Nilsson	Nilsson	1800
1730	Peterson	Peterson	500
1731	Jacobs	Hamill	500
1732	Kauffman	Westerlund	500
1733	Kahn	Santocano	400
1734	Donahue	Donahue	2500
1735	Stockholm	Allyn	4000
1736	Payne	Payne	28000
1737	Pegel	Pegel	4700
1738	Metzger	Sigwald	500
1739	Selby	Wyman	2400
1740	Lange	Invest. Camp	3290
1741	Same	Brandon	7996
1742	Same	Cameron	8503
1743	Same	Amber	453
1744	Same	Ele	1140
1745	Same	Connolly	1917
1746	Same	Neal	3270
1747	Same	Turner	6100
1748	P J I Ex	Harris	25000
1749	Jordan	Martin	4624
1750	Foster	Holt	21653
1751	Herber	Hamilton	5750
1752	Krumpholt	Spargo	2750
1753	Perkins	Sutton	1540
1754	Same	Pac Est	3290
1755	Same	Larsen	4600
1756	Same	Hock	9800
1757	Same	Coleman	11600
1758	Same	Maudrell	2375
1759	Murphy	Ennis	8859
1760	Gartland	Johanson	4600
1761	O'Brien	Spargo	19250
1762	Connolly	Segerson	2300
1763	Lankershim	Atlas Htg	3220
1764	Bassi	Maffei	700
1765	East	Wheeler	1700
1766	Byson	Byson	1000
1767	Katz	Katz	3000
1768	Ernst	Hover	12500
1769	Dugan	Dugan	1250
1770	Webb	Parry	500
1771	Acme Brwg	Eiberger	500
1772	Soble	Soble	3000
1773	Morris	Morris	2000
1774	Hansen	G G St	12600
1775	Rolkin	Drake	12700
1776	Phillips	Phillips	400
1777	Reid	Reid	400
1778	Hamilton	Chambers	600
1779	Speckels	Hannah	500
1780	Gunst	Hansen	400
1781	Reaubien	Lake	400
1782	W'n State Adv	Owner	400
1783	Thompson	Bertelino	400
1784	Poisere	Collins	400
1785	Fauth	Fauth	2000
1786	Davis	Davis	500
1787	Wilkie	Wilkie	500
1788	Murray	Murray	1600
1789	MacDonald	Owner	4000
1790	Brauman	Owner	500
1791	Empress	Novelty	500
1792	Calbeaux	Novelty	400
1793	McKillop	McKillop	24000
1794	Savoy	Fridley	500

BUILDING AND INDUSTRIAL NEWS

1795 Costello	Costello	1800
1796 Ruddy	Hillhard	663
1797 Hira	Hillhard	735
1798 Garrett	Hansen	32,899
1799 Peterson	Klahn	3480
1800 Plcard	Conard	7690
1801 Shalk	Shalk	700
1802 McHarmid	Owner	600
1803 Geby	Geby	600
1804 Rosenquist	Owner	450
1805 Empire Land	Owner	3500
1806 Same	Same	3500
1807 Same	Same	3500
1808 Same	Same	3500
1809 Thompson	Woodridge	4632
1810 P P T Exp.	C C Constr	8928
1811 Klumpke	Rankin	6100

(Correction In Total of Contract No. 1713).

(1712) NE BUSH AND GRANT AVE E 60xN 77-6. Plumbing, draining, gas fitting for three-story brick store building.

Owner.....Louis Friedman, Page and Baker, San Francisco.
 Architect...Joseph Cahen, 45 Kearny, San Francisco.

Contractor...E. V. Lacey, 1234 Dolores, San Francisco.

Filed May 3, '13. Dated April 22, '13.
 Rough plumbing and sewerage in\$1175.00
 Completed and accepted..... 587.50
 Usual 35 days..... 587.50
TOTAL COST, \$2350.00

Bond, \$1175. Sureties, Fred Lacey and Thos Lynch. Limit, none. Forfeit, none. Plans and specifications filed.

(1713) CARPENTER, GLASS, GLAZING, marble, sheet metal, structural steel, iron, painting, lath and plaster on above.

Contractor...Wm. Van Herick, 218 23rd Ave., San Francisco.

Filed May 3, '13. Dated April 24, '13.
 2nd floor joists set.....\$1200
 Roof on 2012
 Brown coated 3212
 Completed and accepted..... 3212
 Usual 35 days..... 3214
TOTAL COST, \$12,850

Bond, \$6425. Surety, Guardian Casualty & Guaranty Co. Limit, forfeit, none. Plans and specifications filed.

(1714) S TWENTY-FOURTH 85 W Folsom S 100xW 25. All work except parlor mantels, shades and gas fixtures for two-story frame store and flat.

Owner.....Carl E. Bendel, 750 Central Ave., San Francisco.

Architect...None.

Contractor...J. Boeddeker.

Filed May 5, '13. Dated May 1, '13.
 Frame up and ready for roof...\$700
 Brown coated 650
 Standing finish on and ready for painting 650
 Completed and accepted..... 550
 Usual 35 days..... 850
TOTAL COST, \$3400

Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

(1715) N JACKSON 68-6 E Larkin E 23xN 87-6. All work for two-story frame flats.

Owner.....Geo. F. Welch, 603 Phelan Bldg., San Francisco.

Architect...William Curlett & Son, Phelan Bldg., S. F.

Contractor...Chas. J. U. Koenig, 325 Church, San Francisco

Filed May 5, '13. Dated May 5, '13.
 On 1st and 15th of each month 75%
 Usual 35 days..... 25%
TOTAL COST, \$7040

Bond, \$3520. Surety, American Bonding Co. of Baltimore. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1716) SW HOFFMAN AVE AND ALVARADO. Brick work for two-story and basement brick and concrete engine house.

Owner.....City & County of S. F. by Commary-Peterson Co., Inc
 46 Kearny, S. F.

Architect...None.

Contractor...Hansen & Hansen.

Filed May 5, '13. Dated April 30, '13.

2nd story joists on.....\$1200

Walls up and finished..... 1500

Brick work completed..... 665

20 days after..... 1125

TOTAL COST, \$4490

Bond, \$2345. Surety, American Bonding Co. of Baltimore. Limit, forfeit, none. Plans and specifications, none.

(1717) SE FELL AND BUCHANAN S 90x E 27-6. All work for three-story frame apartments.

Owner.....Maria Dunn.

Architect...A. F. & O. M. Rousseau, Monadnock Bldg., S. F.

Contractor...John Little, 1371 5th Ave., San Francisco.

Filed May 5, '13. Dated April 30, '13.

Frame up\$2500

Brown coated 2500

Completed and accepted..... 2500

Usual 35 days..... 2500

TOTAL COST, \$10,000

Bond, \$5000. Surety, American Bonding Co. of Baltimore. Limit, 90 days. Forfeit, \$10. Plans and specifications filed.

(1718) S ROSE AVE 110 E Gough E 27-6 S to NW Market SW along Market to int. of line at right angles to Rose Ave N to beg. Plumbing, gas fitting, etc., for five-story and basement reinforced concrete rooming house and stores.

Owner.....Bruce Cornwall, Mills Bldg San Francisco.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor...Fisher & Wolfe Co., 209 Tehama, San Francisco.

Filed May 5, '13. Dated April 19, '13.

Roughed in\$975

Completed and accepted..... 975

Usual 35 days..... 650

TOTAL COST, \$2600

Bond, \$1300. Surety, Globe Indemnity Co. Limit, 10 days after receiving notice to set fixtures. Forfeit, \$15. Plans and specifications filed.

(1719) PAINTING, ETC., ON ABOVE.

Contractor...Gus V. Daniels, 3332 California, San Francisco.

Filed May 5, '13. Dated April 18, '13.

2nd coat on\$393.75

Completed and accepted..... 393.75

Usual 35 days..... 262.50

TOTAL COST, \$1050.00

Bond, \$525. Sureties, Chas. P. Cain and R. A. Chrisholm. Limit, 10 days after carpenter work done. Forfeit, \$15. Plans and specifications filed.

(1720) LATH, PLASTER AND CEILING on above.

Contractor...H. A. Chalmers Inc., 4711 California, San Francisco.

Filed May 5, '13. Dated April 11, '13.

Interior brown coated and ceiling on rear elevation com-
 pleted\$880

Completed and accepted..... 440

Usual 35 days..... 440

TOTAL COST, \$1760

Bond, \$900. Surety, National Surety Co. Limit, 30 days after building ready for lathing. Forfeit, \$15. Plans and specifications filed.

(1721) ONE ELECTRIC PASSENGER elevator on above.

Contractor...Otis Elevator Co., Beach & Stockton, San Francisco.

Filed May 5, '13. Dated April 21, '13.

On shipment of engine..... 34

On completion 34

Usual 35 days..... 34

TOTAL COST, \$1700

Bond, \$900. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

(1722) SE SIXTH AND JESSIE E 75x S 80. Concrete work, etc., for two-story and basement Class "C" store and loft building.

Owner.....M. S. Barker bp P. J. Walker Co., Agents, Monadnock Bldg., S. F.

Architect...H. K. Lovell, 1617 Felton, Berkeley.

Contractor...H. L. Petersen, 62 Post, San Francisco.

Filed May 5, '13. Dated May 5, '13.

Payments semi monthly of.... 75%

Usual 35 days..... 25%

TOTAL COST, \$2956

Bond, \$1478. Surety, The Aetna Accident & Liability Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(1723) NE SECOND 225 NW Brannan NW 25xNE 80. All work except painting, plumbing, shades and chandeliers for three-story frame flats and store.

Owner.....Lena Vosti, 527 2nd, S. F.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...C. Rosina & Co.

Filed May 5, '13. Dated May 5, '13.

Rough frame up.....\$ 900

Brown coated 1000

Completed and accepted..... 1200

Usual 35 days..... 1590

TOTAL COST, \$4790

Bond, Guaranty bond in favor of owner. Sureties, Marina Bricca and Nicola Capurro. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

(1724) S LOMBARD 206-3 E Powell E 20xS 68-9. All work except plumbing, finish hardware, mantels, shades and chandeliers for two-story frame flats.

Owner.....Carlo Piodi.

Architect...J. A. Porporato, 619 Washington, San Francisco.

Contractor...C. Rosina & Co.

Filed May 5, '13. Dated May 5, '13.

Rough frame up.....\$ 800

Brown coated 1000

Completed and accepted..... 1000

Usual 35 days..... 1585

TOTAL COST, \$4385

Bond, Guaranty bond in favor of owner. Sureties, Marina Bricca and Nicola Capurro. Limit, 90 days. Forfeit, \$3. Plans and specifications filed.

(1725) E ORD 110 S 15th S 25xE 68. All work for two-story and basement frame flats.

Owner.....J. Geiger.

Architect...O. E. Evans, 2367 Mission, San Francisco.

Contractor...Edwin Anderson and Jno. Carlson.

Filed May 5, 13. Dated April 28, '13.

Frame up\$1249.50

Brown coated 1249.50

Completed and accepted..... 1249.50

Usual 35 days..... 1249.50

TOTAL COST, \$4998.00

Bond, \$2499. Surety, Massachusetts,

Bonding & Insurance Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(1726) NE HAYES AND MASONIC. Three-story and basement (6) flats. Owner.....E. J. & W. J. Keenan, Hayes and Masonic, S. F. Architect...None. Day's work.....COST, \$6000

(1727) N OAK 125 W Fillmore. Alter basement into flats. Owner.....T. J. Harrington, 509 Monadnock Bldg., S. F. Architect...None. Day's work.....COST, \$450

(1728) E MASONIC 25 N Hayes. Two-story and basement frame (3) flats. Owner.....C. J. & W. J. Keenan, Hayes and Masonic, S. F. Architect...None. Day's work.....COST, \$4000

(1729) E SAN GABRIEL 50 S Capistrano. One-story and basement frame dwelling. Owner.....N. F. Nilsson, 355 Colridge, San Francisco. Architect...None. Day's work.....COST, \$1800

(1730) W TWELFTH AVE 725 N Geary. Two-story and basement frame (2) flats. Owner.....Elizabeth Peterson, 367 12th Ave., San Francisco. Architect...None. Contractor..Gustave Peterson. COST, \$4000

(1731) NO. 20 PALM AVE. Extend room and enclose porch. Owner.....A. P. Jacobs, Premises. Architect...None. Contractor..Thos. Hamill, 268 25th Ave San Francisco. COST, \$500

(1732) NO. 62 CARMELITA. Repair residence. Owner.....Mrs. R. S. Kauffman, Prem. Architect...None. Contractor..J. Westerlund, 1564 25th Ave., Fruitvale. COST, \$500

(1733) NO. 114 FOURTH. Alter doors and install window. Owner.....Kahn & Feder. Architect...None. Contractor..M. Santocano, 1235 Folsom, San Francisco. COST, \$400

(1734) N ANZA 82-6 W 10th Ave. Two story and basement frame residence. Owner.....James Donahue, 914 Anza, San Francisco. Architect...None. Day's work.....COST, \$2500

(1735) N ELLIS 87-6 W Fillmore. One-story frame (3) flats. Owner.....Stockholm & Allyn, Monadnock Bldg., S. F. Architect...None. Day's work.....COST, \$4000

(1736) S WASHINGTON 23-6 E Reese. Three-story and basement frame (11) apartments. Owner.....Clyde S. Payne, 1350 Jones, San Francisco. Architect...W. G. Hind, 46 Kearny, San Francisco. Day's work.....COST, \$28,000

(1737) N GEARY 120 E Palm. Two-story and basement frame residence. Owner.....Frank Pegel, 336 10th Ave., San Francisco. Architect...None. Day's work.....COST, \$4700

(1738) NO. 2417 WASHINGTON. Repair fire damage. Owner.....C. L. Metzger, Alameda. Architect...None. Contractor..J. W. Sigwald, 2222 Fillmore, San Francisco. COST, \$500

(1739) W JONES 93 S Sacramento. Three-story and basement frame (6) flats. Owner.....W. J. Selby, 936 Market, San Francisco. Architect...J. D. Hatch, Monadnock Bldg., San Francisco. Contractor..J. T. Wyman, 1959 Hayes, San Francisco. COST, \$24,000

(1740) SE MINNA AND SIXTH E 100 S 75 W 25 N 50 W 75 N 25. Excavation, concrete, side walk lights, curb, iron doors and pit for oil tank for four-story and basement Class "C" store and rooms. Owner.....Lange Investment Co., 199 Carl, San Francisco. Architect...Lewis M. Gardner, Phelan Bldg., San Francisco. Contractor..Camp & Carillon, 4075 17th, San Francisco. Filed May 6, '13. Dated April 30, '13. Walls ready for brick work..\$1645.00 Completed and accepted.....\$22.50 Usual 35 days.....\$22.50 TOTAL COST, \$3290.00

Bond, \$1700. Sureties, Otto Schrader and A. Beth. Limit, as fast as possible Forfeit, none. Plans and specifications filed.

(1741) BRICK AND CAST IRON AND steel work on above. Contractor..Brandon & Lawson, 180 Jessie, San Francisco. Filed May 6, '13. Dated April 13, '13. Walls ready for 2d floor joists..\$1999 Walls ready for 4th floor joists 1999 Completed and accepted.....1999 Usual 35 days.....1999 TOTAL COST, \$7996

Bond, \$2998. Sureties, H. C. Mathies and C. W. Withington. Limit, as fast as possible Forfeit, none. Plans and specifications filed

(1742) CARPENTER, ROOF, GLAZING, stairs, marble, mosaic, tile, etc., on above. Contractor..Cameron & Disston, 180 Jessie, San Francisco. Filed May 6, '13. Dated April 30, '13. On 1st of each month.....75% Usual 35 days.....25% TOTAL COST, \$8500

Bond, \$4250. Sureties, W. A. Rainey & Jos. J. Phillips Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1743) GALVANIZED IRON AND TIN work on above. Contractor..Amser Sheet Metal Wks., 25 Shotwell, San Francisco. Filed May 6, '13. Dated April 30, '13. Main cornice work and foot mould done.....\$336 Bay windows done.....336 Completed and accepted.....336 Usual 35 days.....336 TOTAL COST, \$1344

Bond, \$672. Surety, National Surety Co Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1744) ELECTRIC WORK ON ABOVE Contractor..National Elec. Co., 103 Turk, San Francisco. Filed May 6, '13. Dated April 30, '13. Wires in place.....\$413 Completed and accepted.....412 Usual 35 days.....275 TOTAL COST, \$1100

Bond, \$550. Surety, Aetna Accident & Liability Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1745) LATH AND PLASTER ON above. Contractor..J. J. Connolly & Son, 180 Jessie, San Francisco. Filed May 6, '13. Dated April 30, '13. Brown coated.....\$719 00 Completed and accepted.....718 75 Usual 35 days.....479 25 TOTAL COST, \$1917 00

Bond, \$958.50. Surety, Pacific Coast Casualty Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1746) PAINTING, VARNISHING, tinting, papering, Linowall, etc., on above. Contractor..L. J. Neal, 461 Hayes, San Francisco. Filed May 6, '13. Dated April 30, '13. On 1st of each month.....75% Usual 35 days.....25% TOTAL COST, \$1370

Bond, \$700. Surety, Pacific Coast Casualty Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1747) PLUMBING, GAS FITTING, heating apparatus and fuel oil burning equipment on above. Contractor..The Turner Co., 278 Natoma, San Francisco. Filed May 6, '13. Dated April 30, '13. Work roughed in.....\$1913 Completed and accepted.....1912 Usual 35 days.....1275 TOTAL COST, \$5100

Bond, \$2550. Surety, Massachusetts Bonding & Insurance Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1748) EXPOSITION GROUNDS. All work except wiring and lighting for erection of Agricultural Building. Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F. Architect...Bliss & Faville, Balboa Bldg., San Francisco. Contractor..Lange & Bergstrom, Sharon Bldg., San Francisco. Filed May 6, '13. Dated May 1, '13. As work progresses.....75% Usual 35 days.....25% TOTAL COST, \$250,096

Bond, \$135,000. Surety, The Aetna Accident & Liability Co. Limit, 200 days. Forfeit, \$100. Plans and specifications filed.

(1749) N OREGON 80 E Davis E 40x.. N 60. All work except window shades and gas and electric fixtures for two-story and basement brick store and loft building. Owner.....Jeannette A. Jordan, 201 Euclid Ave., San Francisco. Architect...Maxwell C. Bugbee, Lick Bldg., San Francisco. Contractor..Wm. Martin

BUILDING AND INDUSTRIAL NEWS

Filed May 6, '13. Dated May 1, '13.
 2nd tier of joists on.....\$1156
 Roof on 1156
 Completed and accepted..... 1156
 36 days after..... 1156
TOTAL COST, \$4624
 Bond, \$2600. Surety, American Bonding Co. of Baltimore. Limit, 45 days. Forfeit, \$. Plans and specifications filed.

(1750) E EIGHTEENTH AVE 285 N California N 75xE 120; E Twenty-third Ave 150 N California N 50xE 120. All work for five two-story frame residences.

Owner.....Mary E. Foster.
 Architect...Ralph W. Hart, Humboldt Bank Bldg., S. F.
 Contractor...O. C. Holt, 369 14th Ave., San Francisco.

Filed May 6, '13. Dated May 5, '13
 Frames up\$4900 00
 Enclosed and window frames set 4000 00
 Brown coated 4000 00
 Completed 4239 75
 Usual 35 days..... 5413 25
TOTAL COST, \$21,653 00

Bond, \$10,827. Surety, American Bonding Co. of Baltimore. Limit, 80 days. Forfeit, \$15. Plans and specifications filed.

(1751) N JESSIE 275 E Sixth N 80xE 45. All work except excavating for one-story and basement Class "C" building.

Owner.....A. H. Herbert, 151 Powell, San Francisco
 Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.
 Contractor...Peter Hamilton, Russ Bldg., San Francisco.

Filed May 6, '13. Dated April 28, '13.
 Brick work completed to side walk level and basement floor in place\$1437 50
 Building roofed and basement floor in 1437 50
 Completed and accepted.... 1437 50
 Usual 35 days..... 1437 50
TOTAL COST, \$5750 00

Bond, \$1437.50. Surety, Jas. H. Henning. Limit, 60 days after excavating done. Forfeit, \$. Plans and specifications filed.

(1752) W EUREKA 155-6 S 22nd. All work for two-story frame residence.

Owner.....A. J. Krutmeyer, 46 Walter San Francisco.
 Architect...Plans by owner.
 Contractor...A. E. Olson, 125 Jersey, San Francisco.

Filed May 6, '13. Dated May 5, '13.
 Frame up\$550
 Roof on 550
 Brown coated 550
 Completed and accepted..... 550
 Usual 35 days..... 550
TOTAL COST, \$2750

Bond, none. Limit, 60 days after May 15. Forfeit, none. Plans and specifications filed.

(1753) S SUTTER 164-6 E Taylor E 60-9XS 137-6. Steam heating for 6-story and basement Class "C" apartments.

Owner.....W. F. Perkins and H. O. Trowbridge, 14 Montgomery, San Francisco.
 Architect...F. H. Meyer, Bankers' Investment Bldg., S. F.

Contractor...John G. Sutton Co., 243 Minna, San Francisco

Filed May 6, '13. Dated May 5, '13.

On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$1540
 Bond, \$770. Sureties, H. M. Van Pelt and Edwin F. Menzel. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1754) ELECTRIC WIRING ON ABOVE Contractor..Pacific Fire Extinguisher Co., 507 Montgomery, S. F.

Filed May 6, '13. Dated May 5, '13.
 Payments same as above.....

TOTAL COST, \$3290
 Bond, \$1645. Sureties, Winfield S. Davis and Burt L. Davis. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1755) STRUCTURAL STEEL, GLASS, glazing, marble, ornamental iron, sheet metal roof covering, rough and finish carpenter, plastering, lathing, etc., on above.
 Contractor...Larsen & Larsen.

Filed May 6, '13. Dated May 5, '13.
 Payments same as above.....

TOTAL COST, \$46,000
 Bond, \$23,000. Sureties, Henry Wilson and A. B. Johnson. Limit, 120 days. Forfeit, none. Plans and specifications filed

(1756) BRICK WORK ON ABOVE. Contractor...Chas. H. Hock, 180 Jessie, San Francisco.

Filed May 6, '13. Dated May 5, '13.
 Payments same as above.....

TOTAL COST, \$9800
 Bond, \$4900. Sureties, Agatha A. Hock and D. J. Sullivan. Limit, 50 days. Forfeit, none. Plans and specifications filed

(1757) PLUMBING ON ABOVE. Contractor...Alexander Coleman, 706 Ellis, San Francisco.

Filed May 6, '13. Dated May 5, '13.
 Payments same as above.....

TOTAL COST, \$11,600
 Bond, \$5800. Sureties, Adolph Coleman and Mary Varni. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1758) PAINTING, ETC., ON ABOVE. Contractor...H. Maundrell, 568 Hayes, San Francisco.

Filed May 6, '13. Dated May 5, '13.
 Payments same as above.....

TOTAL COST, \$2975
 Bond, \$1487.50. Sureties, Thos. Elam and Harry C. Warwick. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1759) S EIGHTEENTH 110 E Dolores E 28 S 112 W S 45 W 20 N 157. All work for alterations and additions to make three-story frame building (flats.)

Owner.....Theresa D. Murphy, 3677 15th. San Francisco.

Architect...H. A. Hertenstein, 311 Florida, San Francisco.
 Contractor...Frank Ennis and John H. McGivern, 1312 Jackson, San Francisco.

Filed May 6, '13. Dated May 6, '13.
 House movers' work done.....\$125

Ready for lathing..... 850
 Plaster completed 850
 Completed and accepted..... 850
 Weekly payments of amount actually due contractors employees Usual 35 days..... 900
TOTAL COST not to exceed \$3989

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1760) S GEARY 76 W Larkin W 44x S 120. All work except steam heating, oil burning plant, gas fixtures and shades and wall beds for three-story and basement apartment bldg. Owner.....P. J. Gartland, 72 Spencer, San Francisco.

Architect...A. F. & O. M. Rousseau, Monadnock Bldg., S. F.
 Contractor...J. Erik Johanson, 2726 20th, San Francisco.

Filed May 6, '13. Dated May 5, '13.
 Brick work up to 2nd story joists\$4958
 5th story joists on..... 4956
 Brick work finished..... 4956
 Ready for lathing..... 4956
 Brown coated 4956
 Standing trim on..... 4956
 Completed and accepted..... 4956
 Usual 35 days..... 11563
TOTAL COST, \$46,259

Bond, \$23,130. Surety, Fidelity & Deposit Co. of Maryland. Limit, 130 days. Forfeit, \$20. Plans and specifications filed.

(1761) S BUSH 137-6 W Powell S 137-6 xW 46. Grading, bulk heading, forms, concrete, reinforcing, steel and fabric, cement sidewalks, rat proofing, etc., for five-story and basement Class "C" building.

Owner.....Walter J. O'Brien, Clunie Bldg., San Francisco.
 Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor...John Spargo, 926 Presidio Ave., San Francisco.

Filed May 6, '13. Dated May 6, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$19,250

Bond, \$9625. Sureties, A. F. Mahony and S. C. Forney. Limit, 60 days. Forfeit, \$10. Plans and specifications filed

(1762) W THIRTY-FIFTH AVE 275 S "C" S 25xW 125. All work for one-story frame cottage.

Owner.....Thos. Connolly.
 Architect...None.
 Contractor...Segurson Bros., 308 Guerrero, San Francisco.

Filed May 7, '13. Dated May 2, '13.
 Frame up\$575
 Brown coated 575
 Completed and accepted..... 575
 Usual 35 days..... 575
TOTAL COST, \$2300

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1763) N FIFTH AND JESSIE NW 75 xNE 175. Steam heating system for seven-story and basement reinforced concrete hotel.

Owner.....James B. Lankershim, Los Angeles, by Macdonald & Kahn, Rialto Bldg., S. F.

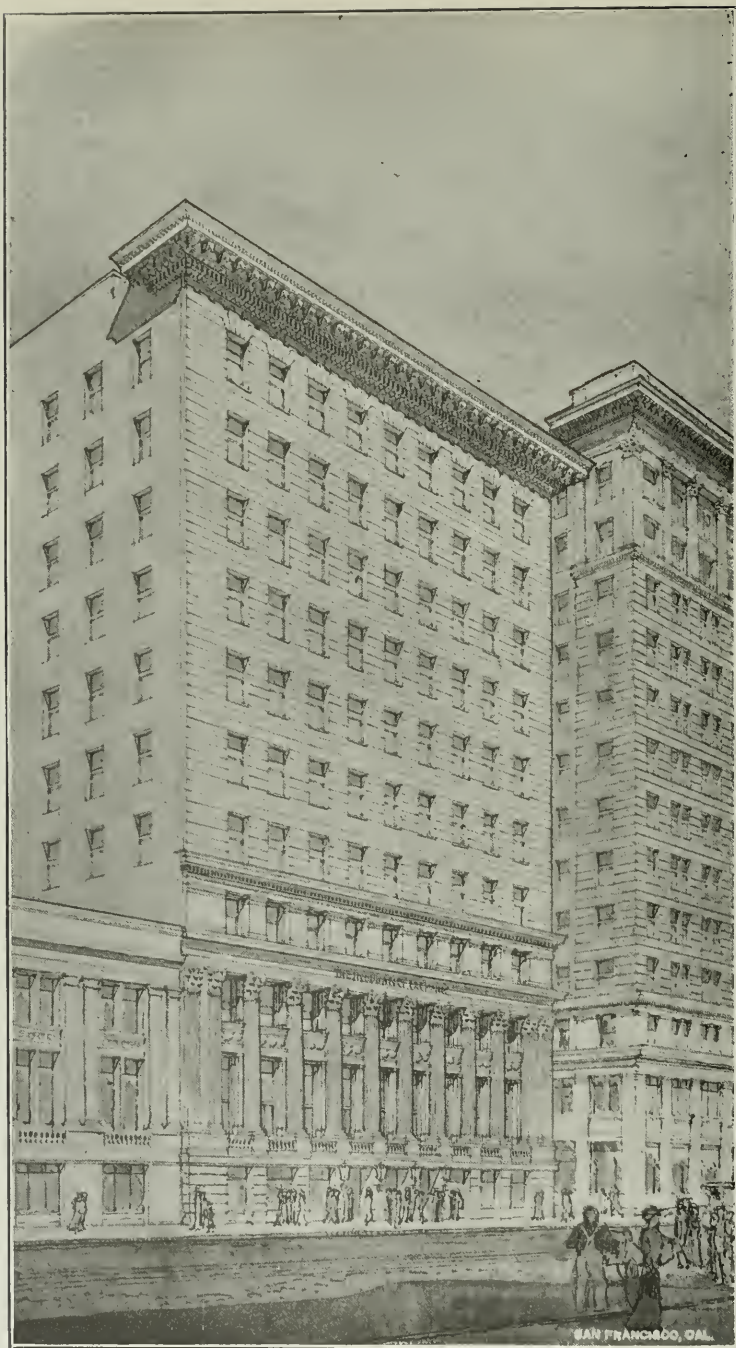
Architect...Reid Bros., California-Pacific Bldg., S. F.

Contractor...Atlas Heating & Ventilating Co., Inc., 4th and Freelon, San Francisco.

Filed May 7, '13. Dated May 6, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$3220

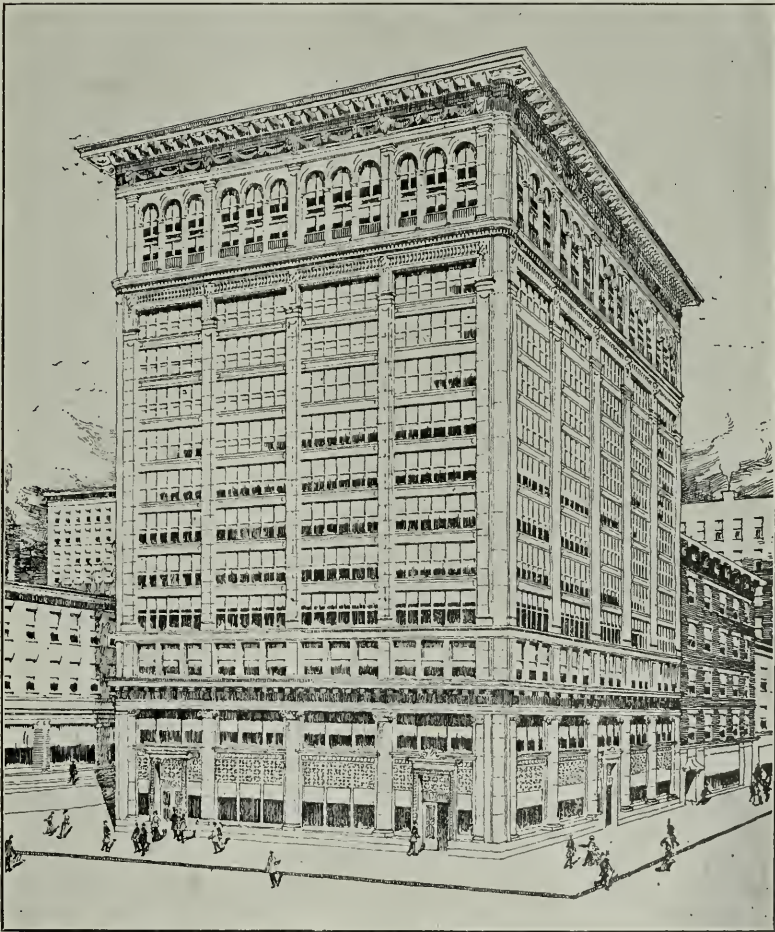
Bond, \$1610. Surety, American Surety Co. Limit, forfeit, none. Specifications on file.

(1764) NO. 331 O'FARRELL Repair restaurant.
 Owner.....Peter Bassi, Premises.
 Architect...Paul F. Dematrin, 451 Columbus Ave., S. F.



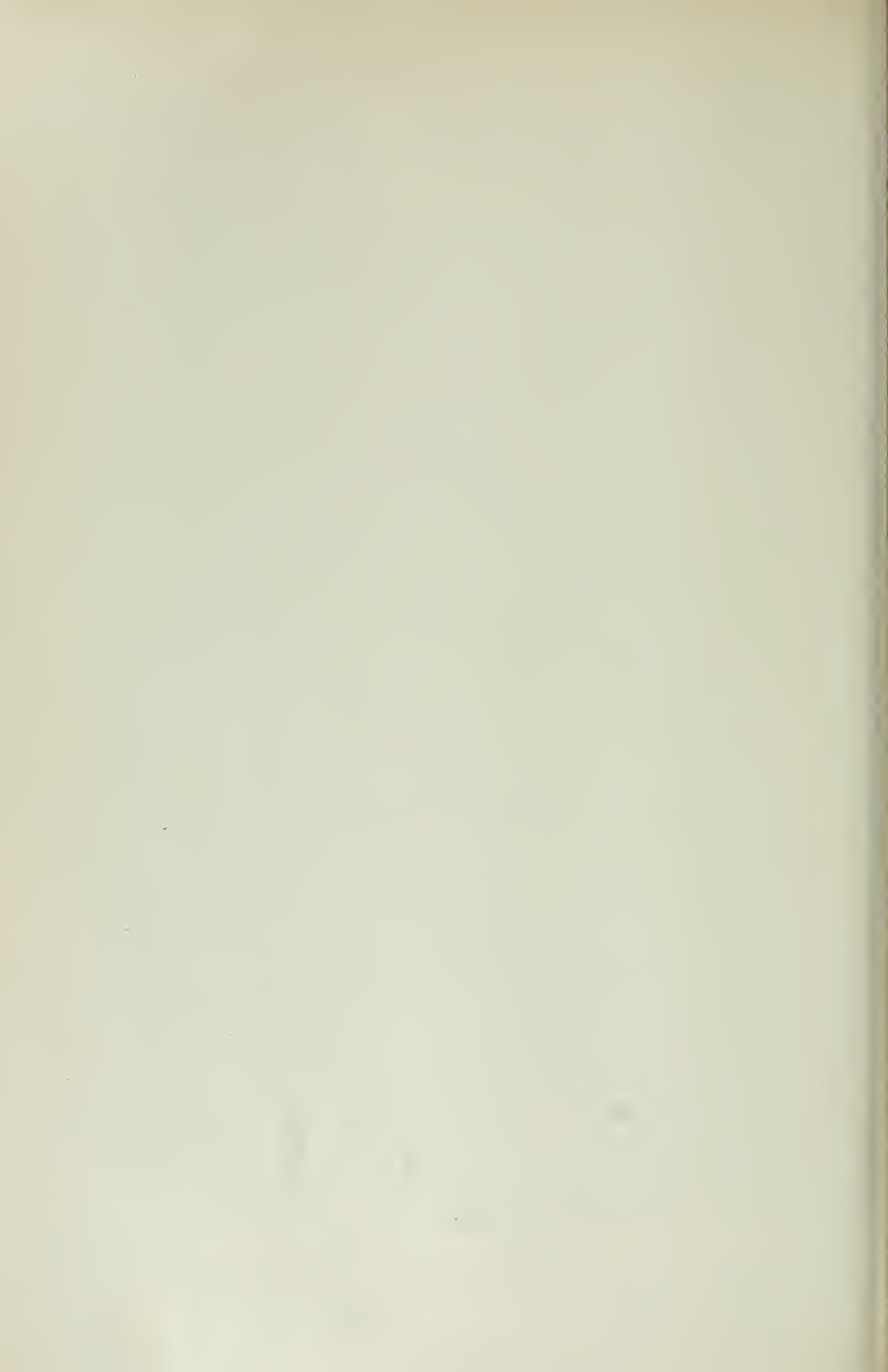
INSURANCE EXCHANGE BUILDING
San Francisco

Willis Polk & Co., Architects
San Francisco



OFFICE BUILDING FOR LOS ANGELES HOME BUILDERS
Los Angeles, Cal

A Martyn Haenke, Architect
Los Angeles



Contractor...Paul Maffei, 1521 Larkin,
San Francisco.

COST \$700

(1765) E MADRID 237½ N Geneva.
One-story and basement frame dwlg.
Owner.....Martin and Nora Zehler,
5168 Mission, San Francisco

Architect...None.

Day's work. COST, \$1700

(1766) N CALIFORNIA 107 W 22nd
Ave., Two-story and basement frame
dwelling.

Owner.....Henry Byson, 213 6th Ave.,
San Francisco.

Architect...None.

Day's work. COST, \$1000

(1767) S MISSION 85 S 18th. New
floors and alter rooming house.

Owner.....Chas. Katz, 1200 Dolores,
San Francisco.

Architect...None.

Day's work. COST, \$3000

(1768) E ELEVENTH 200 S Market.
One-story brick stable.

Owner....Ernst & Hover, 520 Eddy,
San Francisco.

Architect...None.

Day's work. COST, \$12,500

(1769) S PARIS 275 W Excelsior.
One-story and basement frame dwlg.

Owner.....Cora B. Dugan, 236 Paris,
San Francisco.

Architect...None.

Day's work. COST, \$1250

(1770) W EDGAR 175 S Bruce. One-
story and basement frame dwelling.

Owner.....Frank M. Webb, 222 Ray-
mond Ave., S. F.

Architect...None.

Contractor...T. H. Parry, 222 Raymond
Ave., San Francisco.

COST, \$500

(1771) NOS. 1401-23 SANSOME. Re-
place post and erect partition.

Owner.....Acme Brewing Co., Prem.

Architect...None.

Contractor...M. Elberger, 745 5th Ave.,
San Francisco.

COST, \$500

(1772) E TWENTY-FIFTH AVE 100 S
Lake. Two-story and basement
frame residence.

Owner....Thos. Scoble, 363 14th Ave.,
San Francisco.

Architect...E. E. Young, 251 Kearny,
San Francisco.

Day's work. COST, \$3000

(1773) E TWELFTH AVE 125 S Anza.
Two-story and basement frame resi-
dence.

Owner.....A. T. Morris, 616 9th Ave.,
San Francisco.

Architect...None.

Day's work. COST, \$2000

(1774) S TURK 23 E Dodge S 57-6 E 28
S 80 E 24-2½ N 137-6½ W 52-9½.

Structural steel and ornamental iron
1 fire escape, 8 elevator fronts, 1
elevator car and side walk door for
seven-story and basement steel and
concrete building.

Owner.....Not given.

Engineers...Pierre Zucco & Co., 166
Geary, San Francisco.

General Contractor...Hansen & Johnson
Inc., 110 Jessie, S. F.

Sub-Contractor...Golden Gate Structural
& Ornamental Iron Works,
107 11th, San Francisco.

Filed May 8, '13. Dated May 7, '13.

Steel delivered at building.....\$5000

Steel frame completed.....4000

Usual 35 days.....2350

TOTAL COST, \$12,600

Bond, \$6300. Surety, Massachusetts
Bonding & Insurance Co. Limit, 45
days. Forfeit, none. Plans and speci-
fications filed.

(1775) N LOMBARD 137-6 W Fillmore
W 87-6xN 275. Brick work for one
dwelling.

Owner.....Edward Rolkin, Argonaut
Hotel, San Francisco.

Architect...W. H. Crim, 425 Kearny,
San Francisco.

Contractor...H. E. Drake, 1339 12th Ave.
San Francisco.

Filed May 8, '13. Dated May 8, '13.

On 2nd and 16th of each month 75%
36 days after.....25%

TOTAL COST, \$12,700

Bond, \$6350. Surety, Aetna Accident &
Liability Co. Limit, 60 days. Forfeit,
\$10. Plans and specifications filed.

(1776) NO. 607 SECOND AVE. Repair
fire damage.

Owner.....W. B. Phillips, Premises.

Architect...None.

Day's work. COST, \$400

(1777) N SPRINGDALE 596-6 E Mis-
sion. One-story and basement frame
dwelling.

Owner....J. F. Reid, 35 Tingley,
San Francisco.

Architect...None.

Day's work. COST, \$400

(1778) NOS. 983-85-87-98 CAPP. Re-
pair stairs.

Owner.....Hamilton & Allman, 40
Boyd, San Francisco.

Architect...None.

Contractor...Mr. Chambers.

COST, \$600

(1779) NO. 733 MARKET. Erect
stairs and partition.

Owner.....Estate Claus Spreckels,
1st National Bank, S. F.

Architect...Miller & Colmesnil, Lick
Bldg., San Francisco.

Contractor...J. D. Hannah, Monadnock
Bldg., San Francisco.

COST, \$500

(1780) SW MISSION AND THIRD.
Repair offices.

Owner.....M. A. Gunst Co.

Architect...G. A. Lansburg, Gunst
Bldg., San Francisco.

Contractor...F. L. Hansen, 525 Monad-
nock Bldg., S. F.

COST, \$400

(1781) E GREAT HIGHWAY 175 N
Seal Rock. Alterations to shooting
gallery.

Owner....A. E. Beublen, Seal Rock
House, San Francisco.

Architect...None.

Contractor...E. J. Lake, 401 Gates,
San Francisco.

COST, \$400

(1782) SW MASON & O'FARRELL
Roof sign.

Owner.....Western State Adv. Co.,
370 Valencia, S. F.

Architect...None.

Day's work. COST, \$400

(1783) W DOLORES 89 N 15th. Re-
pair flats.

Owner.....C. E. Thompson, 1876 15th,
San Francisco.

Architect...None.

Contractor...M. Bertolino & Co., 321
Guerrero, San Francisco.

COST, \$400

(1784) NO. 3441 EIGHTEENTH. Re-
pair stable.

Owner.....P. Boisiere, Premises.

Architect...None.

Contractor...J. Collins, 581 Waller,
San Francisco.

COST, \$400

(1785) E TWENTY-SIXTH AVE 225 S
Irving. Two-story and basement
frame residence.

Owner.....M. Fauth, 29 Almo, S. F.

Architect...None.

Day's work. COST, \$2000

(1786) NO. 806 KANSAS. One-story
and basement dwelling.

Owner.....J. E. Dowd, Premises.

Architect...None.

Day's work. COST, \$500

(1787) NO. 151-53 OCTAVIA. New
roof and repair residence.

Owner.....Andrew Wilkie, 454 Cali-
fornia, San Francisco.

Architect...L. Rixford, Sharon Bldg.,
San Francisco.

COST, \$500

(1788) W NAPLES 350 S Rolph. One
and one-half-story and basement
frame dwelling.

Owner.....George Murray, 8 High-
land Ave., S. F.

Architect...None.

Day's work. COST, \$1600

(1789) LOT NO. 24 Seaciff Tract.
Three-story and basement frame
residence.

Owner.....Alan Macdonald, 907 Rialto
Bldg., San Francisco.

Architect...A. C. Whitteley, 907 Ri-
alto Bldg., San Francisco.

COST, \$4000

(1790) S MARKET, below Seventh.
Electric sign.

Owner.....Grauman's Theatre, Prem

Architect...None.

Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.

COST, \$700

(1791) NO. 965 MARKET. Electric
sign.

Owner.....Empress Theatre, Prem.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.

COST, \$500

(1792) NO. 255 O'FARRELL Electric
sign.

Owner.....J. Cableaux, Premises.

Architect...None.

Contractor...Novelty Elec. Sign Co., 165
Eddy, San Francisco.

COST, \$400

(1793) W TAYLOR 107-6 N Clay.
Three-story and basement frame (21)
apartments.

Owner.....McKillop Bros., 540 Cole,
San Francisco.

Architect...None.

Contractor...McKillop Bros., 540 Cole,
San Francisco.

COST, \$24,000

BUILDING AND INDUSTRIAL NEWS

(1734) McALLISTER & LEAVEN-
worth. Add operator's room.
Owner.....Savoy Theatre, Premises.
Architect...None.
Contractor...W. G. Priddey, 660 Haight
San Francisco.
COST, \$500

(1795) E BOCANA 32 N Cortland. One
story and basement frame dwelling.
Owner.....M. Costello, 93 College Ave.
San Francisco.
Architect...None.
Day's work. COST, \$1800

(1776) S ELLIS 110 E Polk. All orna-
mental iron for three-story and base-
ment brick apartments.
Owner.....Mrs. John Ruddy. 2462
Clay, San Francisco.
Architect...A. F. & O. M. Rousseau,
Monadnock Bldg., S. F.
Contractor...C. J. Hillard Co., Inc., 19th
and Minnesota, S. F.

Not filed.,
As work progresses..... 75%
COST, \$663

Bond, limit, forfeit, none.

(1797) NE BUSH AND KEARNY. Cast
iron pilasters for seven-story Class
"A" hotel.
Owner.....F. A. Hihn, Santa Cruz.
Architect...E. P. Antonovich. 333
Kearny, San Francisco.
Contractor...C. J. Hillard Co., Inc., 19th
and Minnesota, S. F.

Not filed.,
As work progresses..... 75%
COST, \$733

Bond, limit, forfeit, none.

(1798) NE GOLDEN GATE AVE AND
Hyde N 92-9 E 32-6 S 24 W 48 S 68-9
W 34-6. All work except oil burning
apparatus, hardwall, gas and electric
fixtures for three-story reinforced
concrete Class "C" stores and rooms.
Owner.....Jas. H. Garrett, River-
side Apartments, S. F.
Architect...Wm. Mosser & Edward
Schumacher, Nevada Bank
Bldg., San Francisco.
Contractor...F. L. Hansen, Monadnock
Bldg., S. F.

Filed May 9, '13. Dated May 1, '13.
Basement walls completed and
1st floor joists set.....\$5000
3rd floor joists set..... 5000
Building ready for plaster..... 5000
Standing finish completed..... 5000
Completed and accepted..... 4674
Usual 35 days.....8225
TOTAL COST, \$32,899

Bond, \$16,450. Surety, Fidelity &
Deposit Co. of Maryland. Limit, 120 days.
Forfeit, \$6. Plans and specifications
filed.

(1799) E BRODERICK 120 N Golden
Gate Ave N 17-6x E 65. All work for
two-story frame residence.
Owner.....Daisy M. Peterson, 1337
Webster, San Francisco.
Architect...A. Klahn, 27 Chenery, S. F.
Contractor...A. Klahn & Son, 27 Chenery
San Francisco.

Filed May 9, '13. Dated May 3, '13.
Frame up.....\$650
Brown coated..... 650
Outside finish on..... 650
Completed and accepted..... 650
Usual 35 days..... 580
TOTAL COST, \$3480

Bond, none. Limit, 80 days. Forfeit,
\$1. Plans and specifications filed.

(1800) E TAYLOR 32-6 N Pacific N 30X
E 60. All work for three-story frame
apartments.
Owner.....Sarah Picard, Care Albert
Picard, 110 Sutter, S. F.

Architect...W. G. Hind, 46 Kearny,
San Francisco.
Contractor...Henry Conrad, 2552 Pine,
San Francisco.

Filed May 9, '13. Dated May 9, '13.
Rustic and roof on.....\$1922.50
Brown coated..... 1922.50
Completed and accepted..... 1922.50
Usual 35 days..... 1922.50
TOTAL COST, \$7690.00

Bond, \$4000. Sureties, Chas. J. McDon-
nell and D. B. MacDonald. Limit, 90
days. Forfeit, \$6. Plans and specifi-
cations filed.

(1801) NO. 1251 HYDE. Alter present
building.
Owner.....H. Sehalk. 1312 Jackson,
San Francisco.
Architect...None.

Day's work. COST, \$700

(1802) E ELLSWORTH 300 N Powhat-
tan. One-story and basement frame
dwelling.

Owner.....W. G. McDiarmid, 56 Ells-
worth, San Francisco.
Architect...None.

Day's work. COST, \$600

(1803) S BRAZIL 70 E Vienna. One-
story and basement frame residence.
Owner.....Paul Geby, 727 Vienna,
San Francisco.

Architect...None.
Day's work. COST, \$600

(1804) NO. 531 TWENTY-THIRD AVE.
Alter and repair residence.

Owner.....Geo. A. Rosenquist, Prem.
Architect...None.
Day's work. COST, \$450

(1805) E TWENTY-FOURTH AVE 191
N Kirkham. Two-story and basement
frame residence.

Owner...Empire Land Co., 809 Mills
Bldg., San Francisco.
Architect...N. W. Sexton, 504 Chroni-
cle Bldg., San Francisco.

Day's work. COST, \$3500

(1806) E TWENTY-FOURTH AVE 218-3
N Kirkham. Two-story and basement
frame residence.

Owner...Empire Land Co., 809 Mills
Bldg., San Francisco.
Architect...N. W. Sexton, 504 Chroni-
cle Bldg., San Francisco.

Day's work. COST, \$3500

(1807) E TWENTY-FOURTH AVE 109-3
N Kirkham. Two-story and basement
frame residence.

Owner...Empire Land Co., 809 Mills
Bldg., San Francisco.
Architect...N. W. Sexton, 504 Chroni-
cle Bldg., San Francisco.

Day's work. COST, \$3500

(1808) E TWENTY-FOURTH AVE 136-6
N Kirkham. Two-story and basement
frame residence.

Owner...Empire Land Co., 809 Mills
Bldg., San Francisco.
Architect...N. W. Sexton, 504 Chroni-
cle Bldg., San Francisco.

Day's work. COST, \$3500

(1809) W BRODERICK 75 S Ellis S 75
xW 100 W 533. All work except
plumbing, gas and electric fixtures,

finish hardware and shades for two-
story and basement flats.

Owner.....Harry A. Thomsen Jr., 305
Sharon Bldg., S. F.

Architect...None.
Contractor...L. C. Wooldridge, 315 28th
Ave., San Francisco.

Filed May 10, '13. Dated May 9, '13.
Frame up and roof on.....\$1173
Brown coated..... 1173
Completed and accepted..... 1173
Usual 35 days..... 1173
TOTAL COST, \$4692

Bond, \$2346. Surety, Maryland Casualty
Co. Limit, 75 days. Forfeit, none.
Plans and specifications filed.

(1810) EXPOSITION SITE. Pile founda-
tion for Pine Arts Building.

Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.

Architect...None.
Contractor...Contra Costa Construction
Co., Sheldon Bldg., S. F.

Filed May 10, '13. Dated April 29, '13.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$8928
Bond, \$6000. Sureties, Massachusetts
Bonding & Insurance Co. Limit, 60 days
Forfeit, \$15. Plans and specifications
filed.

(1811) SE TWENTY-SECOND AND
Bartlett S 80x E 125. All work for
portion of one-story Class "C" brick
store building facing on Bartlett St.
Owner.....J. G. Klumpke, 1095 Chest-
nut, San Francisco.

Architect...Charles Paff & Co., Mer-
chants' Exchange Bldg.,
San Francisco.

Contractor...C. D. Rankin, 724 Gough,
San Francisco.

Filed May 10, '13. Dated May 8, '13.
Brick foundation and walls com-
pleted ready for ceiling or 2nd
floor joists.....\$1500
Brick work done, rough plumb-
ing and gravel roof done..... 1575
Completed and accepted..... 1500
Usual 35 days..... 1525
TOTAL COST, \$6100

Bond, \$3050. Surety, Fidelity & De-
posit Co. of Maryland. Limit, 45 days
after May 12. Forfeit, \$5. Plans and
specifications filed.

COMPLETION NOTICES.

San Francisco.

May 1, 1913—W TENTH AVE 50 S
California. O E Anderson to whom
it may concern.....Completed

May 1, 1913—SE GEARY & POLK E
52-9xS 120. Jas P Sweeney to
Ruegg Bros.....April 18, 1913

May 1, 1913—N GEARY 82-6 W Polk
W 27-6xN 120. Gustave Lachman
to Ruegg Bros.....April 23, 1913

May 1, 1913—SW SAN BRUNO AVE
68 NW Silliman NW 32xSW 120 ptn
Hlk 1 University Md. Adeline D
DeNell Williams, Dora C Mehlert &
Jos Cereghino and Ermilina Lerarl
to Michael Brueck.....April 26, 1913

May 1, 1913—S MARKET & BRADY
SW 75xSE 124. Sierra Invest Co
to Forreder Cornice Co.....April 30, '13

April 30, 1913—S MISSION 277-S E 5th
E 53-7xS 160. W J Somers Co to
G P W Jensen.....April 28, 1913

May 2, 1913—W TWENTY-FIFTH AV
316 N Lake N 26xW 120. Peter
Kocelj to whom it may concern.....

May 2, 1913—N BAY, bet Leaven-

worth and Hyde 25 ft. front N 137-6
E 25. Chris Hansen to Kelly C
Gardener.....May 2, 1913

May 2, 1913—BLK. BDED BY ARMY,
Valencia, Duncan and San Jose Ave
St. Luke's Hospital to J E O'Mara
.....Completed.....

May 2, 1913—N FILBERT 137-6 W
Scott W 41-3x193. Frank Anrys to
A H Wilhelm.....April 29, 1913

May 2, 1913—S PACIFIC AVE 137-6 W
Laurel W 35xS 100. Mabel H Beedy
to Collman & Collman.....April 28, 1913

May 2, 1913—NE WASHINGTON &
Octavia E 137-6xN 127-8 1/4. A B
Spreckels to C C Morehouse.....

.....April 21, 1913

May 3, 1913—E TWELFTH AVE 100
S Anza — 25 E 120 N 25 W 120.
Alfred T Morris to whom it may
concern.....May 3, 1913

May 3, 1913—W SEVENTEENTH AV
196-1 S California S 25xW 120.
Thomas Hamill to whom it may
concern.....May 3, 1913

May 3, 1913—W SEVENTEENTH AV
221-1 S California S 25xW 120.
Thomas Hamill to whom it may
concern.....May 3, 1913

May 3, 1913—S TWENTY-THIRD
53-4 1/2 W York W 46-7 1/2xS 104.
Ferro Bros to A De Benedetti and
G Cuneo.....May 3, 1913

May 3, 1913—E RAMONA AVE 55 S
14th S 35xS 75. Henrich Oellerich
to John J Binet Co.....May 3, 1913

May 5, 1913—SE MARKET & ECKER
S 155xS 100. Crocker Estate Co to
Peterson, Nelson & Co.....May 1, 1913

May 5, 1913—S WINFIELD AVE 50
W Esmeralda W 25xS 70. Otto and
Sophia Reed to whom it may concern.....

.....May 2, 1913

May 5, 1913—SW CALIFORNIA AND
Leidesdorff site of (The Merchants
Exchange Bldg.) The Insurance
Exchange Inc to Markle
& Roberts.....May 5, 1913

May 5, 1913—NE WASHINGTON &
Octavia E 137-6xN 127-8 1/4. A B
Spreckels to Eri H Richardson.....

.....April 21, 1913

May 5, 1913—NW ELLINGTON AVE
(Porter Ave) 107-4 NE Farragut
Ave NE 26xNW 103-6 Lot 8 Bk 18
West End Map No. 2. Henry Lyon
to whom it may concern.....May 2, 1913

May 5, 1913—NE JORDAN AVE AND
Geary N 100xE 60. F F Ralston to
F F Ralston.....May 5, 1913

May 6, 1913—W TWENTY-FOURTH
Ave 200 S Lake S 25xW 120. E C
White to C O Bradhoff.....May 1, 1913

May 6, 1913—W CHENERY, Lot 31
Bk "A" Glen Park Terrace. Margaret
E Rogers to Michael Brueck
.....April 30, 1913

May 6, 1913—W STONE 57-6 N Wash-
ington N 20xW 60. Chong Hoy to
Brandt & Stevens.....May 3, 1913

May 6, 1913—W NINETEENTH AVE
300 E Point Lobos Ave S 25xW 120.
August O H Schlundt to F A Mc-
Causland and W R Rea.....May 6, 1913

May 6, 1913—NE TURK & FILLMORE
N 275 E 130 S 85-6 W 58-6 S 104 E
58-6 S 85-6 W 130. Realty & Re-
building Co to Macdonald & Kahn
and Selby Grading & Teaming Co
.....May 5, 1913

May 6, 1913—N EUCLID AVE (Rich-
mond Ave) 95 W Jordan Ave W 50
xN 100. Chas P Cutten to Wetzel
& Grass.....April 29, 1913

May 2, 1913—SW TWELFTH 262-6
NW Folsom NW 20 SW 140 NW 95
SW 135 SE 170 NE 135 NW 55 SE
140. La Grande Laundry Co to
Butte Eng & Elec Co.....April 24, 1913

May 7, 1913—SW POWELL AND
Suiter W 100 S 75 E 100-0 1/4 N
76-10. York Realty Co to James
S Fennell, April 21; Foster Vogt
Co.....May 6, 1913

May 7, 1913—S BRYANT & ZOE SW
125xSE 160. Shreve & Co to John
McGuigan, April 30; Healy Tibbitts
Constr Company.....April 30, 1913

May 7, 1913—NW HARRISON 145 NE
Eighteenth NE 40xNW 50. Earl K
Colley to Boyd & Kerr.....May 6, 1913

May 7, 1913—BUSH NO. 1465 S line
109 E Van Ness Ave. Geo H Wood-
ward to McWhirter & Drake.....

.....May 3, 1913

May 7, 1913—E TWELFTH AVE 250
S Anza. A R Lapham to whom it
may concern.....April 24, 1913

May 7, 1913—N SUTTER 122-9 W
Sansome W along W Suiter 122-3x
N 137-6. Chas Holbrook to W W
Montague & Co.....May 6, 1913

May 7, 1913—W MEACHAM PLACE
74-6 S Post S 62-6xW 56. Pacific
Gas & Elec Co to N B Yuliffe.....

.....May 2, 1913

May 7, 1913—W MEACHAM PLACE
74-6 S Post W 56xS 40. Pacific Gas
& Elec Co to Dyer Bros Golden
West Iron Works, Inc.....May 1, 1913

May 7, 1913—E SANCHEZ 24 S Hill
E 76-5xS 90. John T Miller to
Kenneth McLeod.....May 6, 1913

May 7, 1913—LOT 15 BLK "N" Mis-
sion Terrace. E J Peri to Edw M
McGlynn.....Feb. 1, 1913

May 7, 1913—NE NINTH 250 NW
Folsom NW 25xSE 75. E V Lacey
to Ratto & Giannini.....May 5, 1913

May 7, 1913—E TWENTY-FOURTH
Ave 195 N Lake N 35xE 90; Lot 20
West Clay Park. Rose and Henry
Manser to O B Arthur.....May 3, 1913

May 8, 1913—E TENTH AVE 75 S
Lawton (L) S 25xE 95. Emil Nelson
to whom it may concern.....May 3, 1913

May 8, 1913—LOT 50 Gift Map No. 2.
Karl Eli Haglund to whom it may
concern.....May 3, 1913

May 8, 1913—W HYDE 112-6 N Cal-
ifornia N 25xW 112-6. Badge J
Wyman to whom it may concern.....

.....May 8, 1913

May 9, 1913—NW BUSH & SANSOME
N 137-6xW 67-6. The Standard Oil
Co to Fordcrer Cornice Works.....

.....May 8, 1913

May 9, 1913—SE MARKET & ECKER
S 155xSE 100. Crocker Estate Co to
Waterhouse & Price Co.....May 7, 1913

May 9, 1913—BLK BDED BY ARMY,
Valencia, Duncan and San Jose
Ave. St. Luke's Hospital to Alex
Haus.....May 8, 1913

May 9, 1913—S FOLSOM at intersec-
tion of 11th S 335 E to Juniper N
175 W 70 N 66 W 20 N 84 W 100.
The Jackson Brewing Co to Vulcan
Iron Works, May 1; Kaufman &
Edwardes.....May 6, 1913

May 9, 1913—N COLE 178 S Carmel
S 25xW 100. A R Larson to whom
it may concern.....May 9, 1913

May 9, 1913—S NINETEENTH run-
ning from Harrison to Treat Ave.
American Can Co to The Clinton
Fireproofing Co and Murray &
Mombay.....May 7, 1913

May 9, 1913—N FILBERT 137-6 W
Scott W 41-3x a uniform depth 193.
Frank Anrys to F E Kara.....May 7, '13

LIENS FILED.

San Francisco.

May 1, 1913—N SUTTER 175 W Fill-
more W 50xN 137-6. Pioneer Plate
& Window Glass Co vs J E Mac-

Cornack, Home Amusement Co,
(co-partners), Frank Sutton,
Edgar R Redlick and Howard J
Roberts and Chas King & Co.....\$270.81

May 1, 1913—W ATHENS 318 S
French S 37-9 m or l x W 100; No.
734 Athens. Jno Carlson vs Louis
Levy and J M Andersen.....\$48.25

May 1, 1913—W WEBSTER 75 N
Suiter N 66-8xW 100. C Carnevali
Marble & Mosaic Co vs Mathilde
Prople and Ware-Hodgkins Lum-
ber Co.....\$120

May 1, 1913—E SANCHEZ 30 S 27th
S 25xE 80. Chas G Stuhr vs
Catherine McCarthy and E Helms
.....\$239.10

May 3, 1913—S JACKSON 107-6 W
Monigomery W 50-6 S 9-3 SE 78-11
NW 69-10 1/4. F A Born vs Chas M
Magendie.....\$1290.10

May 3, 1913—E SANCHEZ 30 S 27th
E 80xS 25; No. 1403 Sanchez. F O
Preston Sheet Metal Works vs
Catherine McCarthy and E Helms
.....\$51.55

May 3, 1913—S CLEMENT 57-6 W
12th Ave W 25xS 100. C Carnevali
Marble & Mosaic Co vs Lucy M
Granicher and Walter A Granicher
and L A Kern.....\$75

May 5, 1913—NW GOLDEN GATE
Ave and Jones N 137-6xW 137-6.
Loop Lumber Co, \$707.06; Pacific
Mfg Co, \$2572.62; Pacific Floor
Sanding Co, \$891 vs W H Taylor Co,
and J S Connell and Elwin L La
Rue, co-partners as Connell-La
Rue Co and J S Connell.....

May 5, 1913—E NEVADA AVE 50 N
Powhattan N 75xE 70. Eureka
Sash, Door & Moulding Mills vs
J C Stromswold.....\$225.33

May 5, 1913—SE SUTTER & OCTA-
via S 110xE 25. Andrew Wilkie Co
vs Mrs S C Miles.....\$965.14

May 5, 1913—S JACKSON 110 W
Gough S 125 S 127-0 1/4 E 125 N
127-8 1/4. John Petrovsky vs Argo
Invst Co and A Olson.....\$741

May 5, 1913—E SANCHEZ 30 S 27th
S 25xE 80. Akard Door Opener Co
vs Katherine McCarthy and E
Helms.....\$14

May 5, 1913—NW GOLDEN GATE
Ave and Jones 137-6 on Golden
Gate Ave 137-6 on Jones. Bennett
Bros vs J S Connell and Elwin L
La Rue.....\$30.45

May 6, 1913—E SANCHEZ 30 S 27th
E 80xS 25. Mission Lumber Co vs
Catherine McCarthy and E Helms
.....\$355.62

May 6, 1913—E NEVADA AVE 50 N
Powhattan Ave N 75xE 70; Lots
1091, 1089, 1087 Gift Map No. 3.
John Petrovsky vs J C Stroms-
wold.....\$115

May 6, 1913—NW GOLDEN GATE &
Jones N 137-6xW 137-6. American
Marble & Mosaic Co vs Connell-La
Rue Co and W H Taylor Co.....\$628

May 6, 1913—NW GOLDEN GATE &
Jones N 137-6xW 137-6. W P Ful-
ler & Co vs Connell-La Rue Co W
H Taylor Co.....\$1316

May 7, 1913—SE UNION & LEAVEN-
worth S 24xE 87-6. Thos F Rigney
vs Catherine M Fugazi and N
Falcier.....\$165

May 7, 1913—E SANCHEZ 55 S 27th
S 25xE 80. J H Kruse vs Catherine
McCarthy and E F Helms.....\$210.10

May 7, 1913—E NEVADA AVE 50 N
Powhattan N 75xE 70. J H Kruse
vs J C Stromswold.....\$1040.04

May 7, 1913—NW GOLDEN GATE &
Jones N 137-6xW 137-6. Flirstone
& Roofing Co vs W H Taylor, J S

Connell and Edwin La Rue as Connell-La Rue Co.\$82.50
 May 8, 1913—GATES No. 521, E line
 125 S Tomkins S 25XE 100 Lot 499
 Gift Map No. 2. The Greater City
 Lumber Co vs y Scalabba.....\$57.45
 May 8, 1913—E SANCHEZ 30 S 27th
 S 25XE 80. P Grassi & Co vs Cath-
 erine McCarthy & E Helms.....\$65
 May 8, 1913—S BUSH 82-6 W Powell
 W 27-6XS 137-6. Redwood Mfg Co
 vs I B Mauser, G W Bishop and
 J A Duarte\$1963.72
 May 8, 1913—S TWENTY-FOURTH
 190 W Castro W 25XS 114. M J
 Cashman vs H Nelson or H Nielsen,
 Josephine M Nelson or Josephine M
 Nielsen\$150

OAKLAND AND ALAMEDA COUNTY.

AUDITORIUM STEEL—Class A construction, \$500,000. Oakland, Cal. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. This work has been advertised for bids twice before. Plans have been revised and new figures will be opened on May 15th. Plans and specifications can be obtained from Architect J. J. Donovan. The official proposal appears in another column of this issue.

RESIDENCE—2 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, none. Owner, T. J. Davis, 2652 Central Ave., Alameda. The house will be erected on a corner lot and will contain seven rooms and bath. Interior finish will be of pine with elm panels. Hardwood floors will be used in the principal rooms. Bath room will be finished in tile. An automatic water heater will be installed. Plans provide for furnace heat and open fire places. Mantels will be of brick. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the owner.

RESIDENCE—2 story and base, frame, \$15,000. Oakland, Cal. Architects, Milvain Bros., Delger Bldg., Oakland. Owner, John P. Maxwell. The dwelling will be erected on Lee street near Montecito and will contain twelve rooms besides the attic. A garage will be erected on the rear of the lot. Interior finish will be of pine, hardwood and white enamel. There will be furnace heat and open fire places. Bath rooms will be finished in tile. Hardwood floors will be used in the principal living rooms, dining room and reception hall. An automatic water heater will be installed. A large sleeping porch has also been provided for in the plans. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—3, 2 story and base, frame, \$2,500 each. Oakland, Cal. Architect, W. H. Hudson, Albany Bldg., Oakland. Owners, Mansfield Bros. These dwellings will be erected at the corner of Brockhurst and Market streets and each will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and

kitchens. Exteriors will be covered with rustic and shingles. Plans are complete and in the hands of the owners who are now purchasing all materials. The work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$15,000. Berkeley, Alameda Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Mrs. A. S. Conner. This dwelling has been mentioned here before when plans were first started. The house will contain twelve rooms, three baths and sleeping porch. Interior finish will be of pine, hardwood and white enamel. Hardwood floors will be used in all of the principal rooms. Bath rooms will be finished in tile. There will be furnace heat and open fire places. Mantels will be of tile and brick. An automatic water heater will be installed. Roof will be covered with either clay tile or shingles. The exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Miss L. J. Lloyd. The dwelling has been designed for a nine-room house with two baths and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal living rooms and reception hall. Bath rooms will be finished in tile. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,250. Berkeley, Alameda Co., Cal. Architect, none. Owners, Patrick-Nelson Co, 2025 Addison St., Berkeley. The house will contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood with oak floors in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$4,500. Oakland, Cal. Architect, Ivan C. Satterlee, 470 13th St. Oakland. Owner, Mary Schwartz. The house will be erected on Villa Vista avenue near Elwood, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine and white enamel. There will be furnace heat and open fire places. Mantels will be of brick. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$25,000. Oakland, Cal. Architect, George L. Streshley, Lick Bldg., S. F. Owner's name withheld. The building will be erected on 28th street between Grove and Telegraph, and

will be arranged for two and three room suites. There will be wall beds, private bath rooms and other modern conveniences. Interior is to be finished in pine and hardwood. Hardwood floors will be used in the dining rooms and reception halls. Plans provide for steam heat and elevator service. A vacuum cleaning plant will be installed. The exterior of the building will be covered with cement plaster and rustic. Plans are being prepared.

APARTMENT HOUSE—2 story and base, frame, \$6,000. Oakland, Cal. Architects, Newson & Dixon, 812 Broadway, Oakland. Owner, De Bonis. The building will be erected on 7th avenue and East 16th street, and will contain four apartments of four rooms and bath each. Interior will be finished in pine and hardwoods. Wall beds will be used in each apartment. Bath rooms will have tile wainscot. There will be open fire places and tile or brick mantels. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—1 story and base, frame, \$4,500. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, F. W. Diehl. The dwelling will be erected at the corner of 34th and West streets, and has been designed for an eight-room house with baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for open fire places and furnace heat. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the baths and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—3 story and base, frame, \$15,000. Oakland, Cal. Architects, Newson & Dixon, 812 Broadway, Oakland. Owner, Mrs. G. T. Henshaw. The dwelling is to be erected in East Piedmont Heights and will be arranged for twelve rooms, three baths and sleeping porch. Interior will be finished in hardwood, pine and white enamel. Hardwood floors will be used throughout. Bath rooms will be finished in tile. There will be several open fire places with brick or tile mantels. Furnace heat and an automatic water heater will be specified. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

STORES—1 story and base, brick, \$10,000. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, Hugo Abramson. The building will be erected at the corner of 26th and Broadway, and will cover an area of 70x100 feet. There will be several modern retail stores with large display windows in patent fronts. Interior finish will be of pine. There will be sidewalk doors. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures will be called for within a week or ten days.

STORES AND LOFTS—7 story and base, Class C construction, \$85,000. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland.

Owner, H. A. Powell. The building is to be erected at the corner of 13th and Webster streets and will cover an area of 50x100 feet. The first floor will contain stores and an attractive entrance to the upper floors. Upper floors will be subdivided into light lofts equipped in the most modern manner. There will be elevator service, metal window sash and frames and fireproof doors. Interior will be finished in pine and hardwood. Patent store fronts and sidewalk doors are to be specified. Exterior of the building will probably be faced with pressed brick. Working drawings have just been started.

NOTICE OF NON-RESPONSIBILITY.

May 7, 1913—LOTS 23 AND 24 BLK K Fruitvale Blvd Tract, Okd. Geo H and Chas F Lee as to improvements on leased property.....

Building Contracts Awarded.

Oakland.

1406	Young	.....Marden	2000
1407	Bankoff	.....Bankoff	2000
1408	Yates	.....Yates	9000
1409	Neary	.....Neary	2500
1410	Dunne	.....Dunne	1300
1412	Hansen	.....Looman	2200
1414	Kernan	.....Bush	1582
1415	Marquis	.....Marquis	1500
1416	Same	.....Same	1500
1417	Same	.....Same	1500
1418	Same	.....Same	1500
1419	Coit	.....Coit	2000
1420	Same	.....Same	2000
1421	Morris	.....Morris	2000
1422	Stewart	.....Stewart	1400
1423	Nelson	.....Nelson	2000
1424	Malley	.....Malley	2500
1425	Malley	.....Malley	2500
1426	Balton	.....Dean	2250
1427	Moriarty	.....Schraeder	400
1428	Sill	.....Doss	500
1429	Prigno	.....Brenutti	450
1430	Coast Mig	.....Bruce	2250
1432	Webb	.....Silva	500
1433	Arthur	.....Kollmer	1000
1434	Ure	.....Ure	500
1440	Taft	.....Walker	9500
1441	Rubino	.....Barton	1800
1442	Pled't Bldg	.....Nelson	2000
1443	Baltor	.....Dean	1800
1444	Clark	.....Brown	2010
1452	McCord	.....Stewart	500
1453	Watkinson	.....Jones	500
1456	Patterson	.....Patterson	1400
1457	Forster	.....Bradhoff	1200
1458	Flower	.....Flower	2000
1459	Leithman	.....Leithman	2300
1460	Aalnik	.....Johnson	1650
1461	Sinburst	.....Decker	2300
1462	Wood	.....Wood	1800
1463	Lewis	.....Lewis	2000
1464	Street	.....Sith	26000
1465	Maxwell	.....Larson	450
1467	Greenberg	.....Greenberg	600
1468	Same	.....Same	600
1469	Sheehy	.....Walden	500
1470	Brown	.....Anderson	2400
1471	Muller	.....Higgins	1400
1472	McGuinness	.....Owner	2500
1473	Christensen	.....Owner	2000
1477	Seeman	.....Kollmer	500
1478	Cedron	.....Malick	400
1479	Schluter	.....Nail	600
1480	Frickley	.....Carleton	1600
1481	Lima	.....Lima	1400
1482	Jackson	.....Jackson	1200
1483	Peare	.....Peare	1500
1484	Secombe	.....Secombe	2000
1485	City of Oakland	.....Williams	415500
1486	Rinaldo	.....Baxter	2350

(Correction in Location)

(1242)	LOT 23 MAP WADEAN TRACT	Oakland. All work for one-story and basement frame dwelling.
Owner.....	J. Katharine Kauffman and H. A. C. Kauffman, Okd.	
Architect.....	G. E.	
Contractor.....	N. B. Hollenbeck, Commercial Bldg., Oakland.	
Filed April 21, '13. Dated April 18, '13.		
Rough frame and chimney completed.....	\$600	
Brown coated.....	600	
Completed and accepted.....	800	

Usual 35 days.....\$250
TOTAL COST, \$2250
Bond, \$1125. Surety, James B. Deann. Limit, 60 days. Forfeit, \$2. Plans and specifications filed.

(1406) N LOGAN 480 W Fruitvale Ave
Oakland. One and one-half-story 6-room dwelling.
Owner.....Edward Young, 1522 23rd Ave., Oakland.
Architect.....None.
Contractor.....Geo. P. Marden.
COST, \$2000

(1407) W SIXTY-FIFTH AVE 240 S
Arthur, Oakland. One-story five-room dwelling.
Owner.....C. Bankoff, 6509 Raymond, Oakland.
Architect.....None.
Day's work.....COST, \$2000

(1408) S PARK VIEW TERRACE 140
E Monticito Ave., Oakland. Three-story 25-room apartments.
Owner.....Eleanor F. Yates, 2607 Milvia, Berkeley.
Architect.....None.
Contractor.....L. Yates, 2609 Milvia, Berkeley.
COST, \$9000

(1409) SW MATHER & VIEW, Oakland. One-story 6-room dwelling.
Owner.....Wm. F. Neary, 1512 Broadway, Oakland.
rchitect.....None
Day's work.....COST, \$2500

(1410) E LOCKWOOD PLACE 74 S
69th Ave., Oakland. One-story 5-room dwelling.
Owner.....Thos. P. Dunne, 1661 69th Ave., Oakland.
Architect.....None.
Day's work.....COST, \$1300

(1412) W 106TH AVE 178 S Graffian and 253 N Royal Ann, Oakland. All work for one-story dwelling.
Owner.....Geo. Hansen, Oakland.
Architect.....None.
Contractor.....John Looman and John Drewes, San Francisco.
Filed May 5, '13. Dated Mar. 3, 1913.
Roof sheathed and all material for frame and exterior finish on ground.....\$700
Building passed by City Inspectors and plastering completed... 500
Completed and accepted..... 450
Usual 35 days..... 550
TOTAL COST, \$2200
Bond, \$1100. Surety, Massachusetts Bonding & Insurance Co. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(1414) LOT 7 ORANGE GROVE TCT., San Leandro. All work except plumbing fixtures and labor for same, electric fixtures, fences and side walks for one and one-story dwelling.
Owner.....Herbert D. and Alice L. Kernan, San Leandro.
Architect.....None.
Contractor.....William H. Bush, 1611 77th Ave., Oakland.

Filed May 5, '13. Dated May 1, '13.
Ready for roof.....\$394
Ready for interior trim..... 394
Completed..... 394
Usual 35 days..... 400
TOTAL COST, \$1582
Bond, none. Limit, 90 days after May 15. Forfeit, \$3. Specifications only filed.

(415) W HIGH 700 N Carrington, Oakland. One-story five-room dwelling.

Oakland. One-story five-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect.....None.
Day's work.....COST, \$1500

(1416) S CARRINGTON 180 E 42nd Ave. Oakland. One-story five-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect.....None.
Day's work.....COST, \$1500

(1417) W 41ST AVE 125 N Carrington, Oakland. One-story five-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect.....None.
Day's work.....COST, \$1500

(1418) SW HIGH & CARRINGTON, Oakland. One-story six-room dwelling.
Owner.....E. M. Marquis, 2827 Russell, Berkeley.
Architect.....None.
Day's work.....COST, \$1500

(1419) W MANILA 70 S Cavour, Oakland. One-story five-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect.....Al. J. Mazurette, 1522 Broadway, Oakland.
Contractor.....Roger Coit, 1522 Broadway, Oakland.
COST, \$2000

(1420) W MANILA 100 S Cavour, Oakland. One-story five-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect.....Al. J. Mazurette, 1522 Broadway, Oakland.
Contractor.....Roger Coit, 1522 Broadway, Oakland.
COST, \$2000

(1421) E 87TH AVE 42 S Holly St., Oakland. One-story 7-room dwelling.
Owner.....Wm. M. Morris, 2541 San Pablo, Oakland.
Architect.....None.
Day's work.....COST, \$2100

(1422) E HIGHLAND AVE 565 S E 27th St., Oakland. One-story five-room dwelling.
Owner.....D. Stewart, 2500 Highland Ave., Oakland.
Architect.....None.
Day's work.....COST, \$1400

(1423) W 68TH AVE 100 S Flora, Oakland. One and one-half story five-room dwelling.
Owner.....O. Nelson, 5 Portola St., San Francisco.
Architect.....None.
Day's work.....COST, \$2000

(1424) N 39TH ST. 350 E Adeline, Oakland. One-story five-room dwelling.
Owner.....H. Malley, 3001 Grove St., Oakland.
Architect.....None.
Day's work.....COST, \$2,500

(1425) N 39TH ST., 300 E Adeline, Oakland. One-story five-room dwelling.

BUILDING AND INDUSTRIAL NEWS

Owner.....H. Malley, 3001 Grove St., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2,500

(1426) N BOND 52 E 52nd Ave., Oakland. One-story five-room dwelling.
 Owner.....J. Balton, 57 Battery, S. F.
 Architect...None.
 Contractor...C. M. Dean, 2206 23rd Ave., Oakland.
 COST, \$2,250

(1427) 611 BRUSH, Oakland. Repairs.
 Owner.....J. L. Moriarty.
 Architect...None.
 Contractor...J. F. Shraeder, 520 16th, Oakland.
 COST, \$199

(1428) SE E-14TH ST & 12th AVE., Oakland. Alterations.
 Owner.....Dr. E. R. Hill, Premises.
 Architect...None.
 Contractor...C. A. Doss, 2028 E-15th St., Oakland.
 COST, \$590

(1429) N 51ST ST 150 W Manila, Oakland. One-story three-room dwelling.
 Owner.....C. Frigno.
 Architect...None.
 Contractor...G. Brenutti, 443 43rd St., Oakland.
 COST, \$450

(1431) NE COR OF W 1/2 OF N 1/2 OF 1/4 of Section 9 T 3 S R 2 E M D M W 2013.6 SW 1327.5 SE 2031.7 NW 1326.8, Murray Tp. All work for powder magazines and mixing house.
 Owner.....Coast Mfg. & Supply Co., 1024 66th Ave., Oakland.
 Architect...None.
 Contractor...C. A. Bruce, Pleasanton.
 Filed May 6, '13. Dated Mar. 28, '13.
 1st of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$1,250

Bond, \$900. Surety, U. S. Fidelity & Guaranty Co. Limit, 90 days. Forfeit, \$20. Plans and specifications filed.

(1432) NO. 9928 WALNUT AVE., Oakland. Alterations.
 Owner.....Webb & Silva, 1919 San Pablo Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$500

(1433) NO. 5905 KIETH AVE, Oakland Addition.
 Owner.....W. R. Arthur, Premises.
 Architect...None.
 Contractor...Jacob Kollmer, 2811 Stuart Oakland.
 COST, \$1,000

(1434) S E-SIXTEENTH 120 E 4th Ave., Oakland. Alterations.
 Owner.....Jas. Ure, 1453 4th Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$500

(1440) S FIFTEENTH 100 W Clay, Oakland. One-story brick stores.
 Owner.....Taft & Penoyer Inc., Clay and 14th, Oakland.
 Architect...Walter D. Reed, Oakland Bank of Svgs. Bldg., Okd.
 Contractor...P. J. Walker Co., Monadnock Bldg., San Francisco.
 COST, \$9,500

(1441) SW THIRD AND CENTER, Oakland Two-story warehouse.
 Owner.....Arena Rubino, 1191 7th, Oakland.
 Architect...None.

Contractor...J. D. Barton, 1223 7th, Oakland.
 COST, \$1,800

(1442) LOT 39 and ptn Lot 40 Blk 4, except ptn SW line parallel to SW boundary line Lot 40 and distant at L 10 NE therefrom Map Havencourt, Oakland. All work for one and one-half-story dwelling.
 Owner.....Piedmont Heights Bldg Co. Oakland Bank of Svgs Okd
 Architect...None.
 Contractor...Olof Nelson, S. F.
 Filed May 7, '13. Dated May 6, '13.
 Frame up 1/4
 Brown coated 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2,000

Bond, \$1,000. Surety, National Surety Co. Limit, 105 days. Forfeit, \$5. Plans and specifications filed.

(1443) N BOND 40x120 LOT 6 BLK 13 Melrose Heights, Oakland. All work for one-story dwelling.
 Owner.....J. Balton, 636 12th, Okd.
 Architect...None.
 Contractor...C. M. Dean, 2206 23rd Ave., Oakland.
 Filed May 7, '13. Dated May 7, '13.

Frame up and roof on.....\$390
 Wall plastered and rough plumbing and electric work completed 390
 Completed and accepted..... 390
 Usual 35 days..... 390
 TOTAL COST, \$1,860

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1444) SE FIFTY-FIFTH AVE & E-17th being Lot 36 Melrose Boulevard Tract, Oakland. All work for one-story 5-room dwelling.
 Owner.....Roderick W. Clark, 1603 Clay, Oakland.
 Architect...None.
 Contractor...Fred H. Brown, 5600 E-14th, Oakland.

Filed May 7, '13. Dated May 5, '13.
 Frame up\$ 510
 Plastering completed 510
 Completed 1020
 TOTAL COST, \$2,040

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1452) NO. 2462 HARRISON BLVD., Oakland. Alterations and repairs.
 Owner.....Tom McCord, Premises.
 Architect...None.
 Contractor...B. A. Stewart, 616 47th, Oakland.
 COST, \$500

(1453) NO. 455 MERRIMAC, Oakland. Alterations and repairs.
 Owner.....Mrs. J. H. T. Watkinson, Premises.
 Architect...None.
 Contractor...F. G. Jones, 1217 Webster, Oakland.
 COST, \$500

(1456) NOS. 5432-34 E-FOURTEENTH, Oakland. Alterations.
 Owner.....E. R. Patterson, Premises.
 Architect...None.
 Day's work.....
 COST, \$1,400

(1457) SE WALKER AVE AND WELDON, Oakland. Addition.
 Owner.....B. A. Forster, 890 Walker Ave., Oakland.
 Architect...None.
 Contractor...C. O. Bradhoff, 5502 Market, Oakland.
 COST, \$1,200

(1458) S AIRDLEY #5 N E-37th, Oakland. One-story 5-room dwelling.
 Owner.....L. P. Flower, 1651 20th Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$2,000

(1459) N MONTANA 62 W Champion, Oakland. One-story 6-room dwlg.
 Owner.....J. A. Leithman, 2474 Montana, Oakland.
 Architect...None.
 Day's work.....
 COST, \$2,300

(1460) SE CYPRESS WAY & LLOYD Ave., Oakland. One-story 5-room dwelling.
 Owner.....Miss Aalivik, 537 28th, Okd
 Architect...None.
 Contractor...Louis Johnson, 1732 Ward, Berkeley.
 COST, \$1,650

(1461) W HIGH 400 N Carrington, Oakland. One-story 5-room dwlg.
 Owner.....C. C. Senthurst, 3115 Ellis, Berkeley.
 Architect...None.
 Contractor...C. L. Decker Co., Inc., 404 12th, Oakland.
 COST, \$2,300

(1462) W HILLSDALE AVE 140 S Fortune Way, Oakland. One-story 5-room dwelling.
 Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$1,600

(1463) N CEDAR 40 W Jaynes, Oakland. One-story 5-room dwelling.
 Owner.....L. S. Lewis, 2421 Woolsey, Oakland.
 Architect...None.
 Day's work.....
 COST, \$2,000

(1464) SW TELEGRAPH AVE AND 25th S along Telegraph Ave 50xW 100, Oakland. All work for three-story frame store and apartments.
 Owner.....Wilhelmina Street.
 Architect...C. C. M. A. F. and O. M. Rousseau, Monadnock Bldg San Francisco.
 Contractor...Christiansen & Smith, 331 Hugo, San Francisco.
 Filed May 8, '13. Dated Feb. 21, '13.

Frame up and roof on..... 1/4
 Brown coated 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$26,000

Bond, none. Limit, 100 days after receiving building permit. Forfeit, none. Plans and specifications filed.

(1466) W KAINS AVE 150 S Harrison, Oakland. Addition.
 Owner.....W. A. Maxwell, 1212 Kains Ave., Oakland.
 Architect...None.
 Contractor...John Larson, 1333 Santa Fe Ave., Oakland.
 COST, \$450

(1467) E MAGNOLIA 130 N 32nd, Oakland. Repairs.
 Owner.....L. Greenberg, 2936 San Pablo Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$600

(1468) E MAGNOLIA 100 N 32nd, Oakland. Repairs.
 Owner.....L. Greenberg, 2936 San Pablo Ave., Oakland.
 Architect...None.
 Day's work.....
 COST, \$600

(1469) NO. 3553 RHODA AVE., Oakland. Repairs.
Owner.....Thos. Sheeche, Premises.
Architect...None.
Contractor...F. H. Walden, 2973 School, Oakland.
COST, \$500

(1470) W TENTH AVE 50 N E-16th, Oakland. All work for one-story 5-room dwelling.
Owner.....John B. and W. M. Brown, 948 E-16th, Oakland.
Architect...None.
Contractor...A. F. Anderson, 2384 E-22d, Oakland.
Filed May 9, '13. Dated Apr. 29, '13.

Frame up\$600
Brown coated 600
Completed and accepted..... 600
Usual 35 days..... 600
TOTAL COST, \$2400

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1471) NO. 9432 CHERRY, Oakland. Alterations and additions.
Owner.....Michael Mulle, Premises.
Architect...None.
Contractor...W. H. Higgins, 2477 94th Ave., Oakland.
COST, \$1400

(1472) S E-SEVENTEENTH 40 W 57th Ave., Oakland. One-story 5-room dwelling.
Owner.....Jas. McGuinness, 1030 Filbert, Oakland.
Architect...None.
Day's work. COST, \$2500

(1473) SE MOOR PARK & APRICOT, Oakland. One and one-half-story 9-room dwelling.
Owner.....Mrs. C. Christensen, 1117 Park, Alameda.
Architect...None.
Contractor...M. Christensen, 1117 Park, Alameda.
COST, \$3000

(1477) NO. 463 THIRTY-SIXTH, Oakland. Alterations and additions.
Owner.....T. Seeman, Premises.
Architect...None.
Contractor...Jacob Kollmer, 2811 Stuart Oakland.
COST, \$500

(1478) NO. 2402 PERALTA AVE., Oakland. Alterations.
Owner.....J. Crudup, Premises.....
Architect...None.
Contractor...Mallick & Begler, 2000 90th Ave., Oakland.
COST, \$400

(1479) NO. 568 THIRTY SIXTH (rear) Alterations.
Owner.....Wm. Schluter, Premises.
Architect...None.
Contractor...Geo. C. Nall, 930 41st, Oakland.
COST, \$600

(1480) W SIXTY-EIGHTH AVE 400 S E-14th, Oakland. One-story 5-room dwelling.
Owner.....Annie Frickey, 1025 68th Ave., Oakland.
Architect...None.
Contractor...S. Carleton, 6996 Weld Oakland.
COST, \$1600

(1481) N YGNACIO AVE 167 W Vicksburg Ave., Oakland. One-story 5-room dwelling.

Owner.....M. Lima, 5130 Ygnacio Ave Oakland.
Architect...None.
Day's work. COST, \$1400

(1482) W VIOLA 190 S Penniman Oakland. One-story 4-room dwlg.
Owner.....C. A. Jackson, 2128 E-16th, Oakland.
Architect...None.
Day's work. COST, \$1200

(1483) SW SANTA RITA & 39TH Ave., Oakland. One-story 5-room dwelling.
Owner.....Francis Pearce, 2369 E-23d Oakland.
Architect...None.
Day's work. COST, \$1500

(1484) GLENDALE AND MANILA Ave., Oakland. One-story five-room dwelling.
Owner.....A. H. Secombe, 5936 Herman, Oakland.
Architect...None.
Day's work. COST, \$2000

(1485) FORTY-FIFTH & BROADWAY Oakland. Three-story reinforced concrete school.
Owner.....City of Oakland.
Architect...John J. Donovan, Security Bank Bldg., Oakland.
Contractor...Williams Bros. & Henderson, Holbrook Bldg., S. F.
COST, \$415,500

(1486) LOTS 91, 92, 93 AND 94 BLK 2 Regents Park No. 4, Albany. All work for one-story store building.
Owner.....Hyman Rinaldo, 336 Market, San Francisco.
Architect...None.
Contractor...D. Baxter, 2824 Summit, Oakland.
Filed May 10, '13. Dated May 8, '13.

Frame completed 1/4
Roof completed, chimney completed, 1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$2250

Bond, none. Limit, 90 days after May 15. Forfeit, change of contractors. Plans and specifications filed.

Building Contracts Awarded Berkeley.

1411 St. Simon	St. Simon	1400
1413 Sanderson	Sullivan	500
1445 Gordon	Nichols	3200
1454 Conner	Marshall	1000
1455 Wood	Junk	3300
1465 Hoskins	Porter	3645
1474 Peake	Peake	2500
1475 Peake	Peake	2500

(1411) S BURNETT 100 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner...Otto St. Simon, 1212 Burnett, Berkeley.
Architect...None.
Day's work. COST, \$1400

(1413) LOT 18 BLK "G" Claremont Court, Berkeley. All work for two-story frame dwelling.
Owner.....Mrs. A. G. Sanderson, 2960 Piedmont Ave., Berkeley.
Architect...None.
Contractor...Sullivan Bros., 6441 Harmon Court, Berkeley.
Filed May 5, '13. Dated May 2, '13.

Frame up 1/4
1st interior plaster on..... 1/4
Completed 1/4
Usual 35 days..... 1/4

TOTAL COST, \$5200
Bond, \$2600 Surety, American Bonding Co. of Baltimore. Limit, 90 days after May 5. Forfeit, none. Plans and specifications filed.

(1445) LOT 10 BLK "E" Northbrae Terrace, Berkeley. All work for two-story dwelling.
Owner.....Anna H. Gordon, 2726 Garber, Berkeley.
Architect...None.
Contractor...Leo L. Nichols, MacDonough Bldg., Oakland.
Filed May 7, '13. Dated May 1, '13.
Frame up 1/4
1st coat plaster on interior and exterior 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3200

Bond, \$1600. Surety, New England Casualty Co. Limit, 75 days after May 1. Forfeit, none. Plans and specifications filed

(1454) E PIEDMONT 50 N Ashby Ave., Berkeley. Two-story 10-room dwlg.
Owner.....A. S. Conner, Benvenue and Russell, Berkeley.
Architect...Edward F. Poukes, Crocker Bldg., San Francisco.
Contractor...Marshall-Diggs, 2444 Bowditch, Berkeley.
COST, \$5000

(1455) SE DANA AND WEBSTER, Berkeley. Two-story 6-room dwlg.
Owner.....G. S. Wood, 1511 Arch, Berkeley.
Architect...None.
Contractor...Junk-Riddell Inv. Co., 2247 Telegraph Ave., Berkeley.
COST, \$3300

(1455) LOT 22 BLK 4 North Cragmont, Berkeley. All work for two-story 6-room dwelling.
Owner.....Lindel Hoskins, Berkeley.
Architect...John Hudson Thomas, 1st National Bank Bldg., Bkly.
Contractor...Porter Bros., 1914 Vine, Berkeley.
Filed May 8, '13. Dated May 1, '13.
Frame up 1/4
Brown coated 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$3645

Bond, \$1825. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days Forfeit, none. Plans and specifications filed.

(1474) W GROVE 292 N Berryman, Berkeley. One-story 6-room dwlg.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$2500

(1475) E OXFORD 273.59 S Marin Ave., Berkeley. One and one-half-story 6-room dwelling.
Owner.....F. R. Peake Co., 2127 University Ave., Berkeley.
Architect...None.
Day's work. COST, \$2500

(1476) W TENTH 35 S Allston Way, Berkeley. One-story 5-room dwlg.
Owner.....Ysmael Ysunza, 2116 8th, Berkeley.
Architect...None.
Contractor...Chas. A. Werner, 2416 10th Berkeley.
COST, \$1650

Building Contracts Awarded

Alameda.

1130	Cole	Cole	2750
1132	Hillen	Hillen	2000
1136	Hillen	Hillen	3000
1137	Hillen	Hillen	2000
1138	Le Royd	Le Royd	1200
1143	Diaz	Diaz	400
1145	Hooper	Hooper	2000
1147	Same	Same	2800
1148	Hougard	Hougard	800
1149	Same	Same	800
1150	Brooks	Brooks	400
1451	Strang	Strang	2000

(1130) 3250 FERNSIDE BLVD., Alameda. One and one-half story dwelling.

Owner.....Mark N. Cole, 703 Syndicate Bldg., Oakland.

Architect.....None.

Day's work. COST, \$2750

(1135) NO. 1820 WOOD, Alameda. One-story 5-room dwelling.

Owner.....R. C. Hillen, Farnside and Liberty Ave., Alameda.

Architect.....None.

Day's work. COST, \$2000

(1436) NO. 1608 FERNSIDE BLVD., Alameda. Two-story 6-room dwlg.

Owner.....R. C. Hillen, Farnside and Liberty Ave., Alameda.

Architect.....None.

Day's work. COST, \$3000

(1437) NO. 430 HAIGHT, Alameda. One-story 5-room dwelling.

Owner.....R. C. Hillen, Farnside and Liberty Ave., Alameda.

Architect.....None.

Day's work. COST, \$2000

(1438) NO. 1416 COTTAGE, Alameda. One-story 4-room dwelling.

Owner.....W. G. LeBoyd, 1340 Broadway, Alameda.

Architect.....None.

Day's work. COST, \$1200

(1439) NO. 772 BUENA VISTA AVE., Alameda. Addition.

Owner.....Mrs. A. Diaz, Premises

Architect.....None.

Day's work. COST, \$400

(1446) NO. 1354 EIGHTH, Alameda. One-story 6-room dwelling.

Owner.....C. A. Hooper Co., Balboa Bldg., San Francisco

Architect.....V. N. Strang.

Contractor.....Strang Bros., 2015 13th Ave., Oakland.

COST, \$2000

(1447) NO. 813 PORTOLA AVE., Alameda. One and one-half-story 7-room dwelling.

Owner.....C. A. Hooper Co., Balboa Bldg., San Francisco

Architect.....V. N. Strang.

Contractor.....Strang Bros., 2015 13th Ave., Oakland.

COST, \$2800

(1448) NO. 456-A TAYLOR AVE., Alameda. One-story three-room dwlg.

Owner.....Alfred Hougard, 717 1/2 Haight Ave., Alameda.

Architect.....J. L. Lockwood, 717 1/2 Haight Ave., Alameda.

Day's work. COST, \$800

(1449) NO. 456 TAYLOR AVE., Alameda. One-story 3-room dwelling.

Owner.....Alfred Hougard, 717 1/2 Haight Ave., Alameda.

Architect.....J. L. Lockwood, 717 1/2 Haight Ave., Alameda.

Day's work.

COST, \$800

(1150) NO. 2164 SAN JOSE AVE., Alameda. Addition.

Owner.....L. S. Brooks, Premises.

Architect.....None.

Day's work. COST, \$400

(1151) NO. 1330 PROSPECT, Alameda.

One-story 6-room dwelling.

Owner.....E. H. Strang, 1116 Santa Clara Ave., Alameda

Architect.....None

Day's work. COST, \$2000

Completion Notices.

ALAMEDA COUNTY.

May 2, 1913—LOT 5 BLK 7 San Pablo Park, Bkly. F R Peake Co to whom it may concern.....May 2, 1913

May 3, 1913—NW CAMPBELL & 11TH

Okt. F A and M A Lemery to

Hurlbut & Holland.....April 26, 1913

May 3, 1913—E FIFTY-FIFTH AVE

32 N E-17th 34x118, Okd. Joseph

J Costodio to whom it may concern.....May 2, 1913

May 5, 1913—NW SIXTEENTH AND

Jefferson W along 16th 150 N 85 E

50 N 15 E 100 S 100, Okd. Woodmen

of the World Bldg Ass'n to Continental

Fireproofing Co and W L Boldt.....April 30, 1913

May 5, 1913—W WEBSTER 174 N 23d

N 261 W 103 S 269.41 E 169 1/2, Okd.

First Methodist Episcopal Church

of Oakland to Judson Mfg Co.....

April 28, 1913

May 5, 1913—SW BROOKDALE AND

38th Aves, being Lot 19 Bond Tct

Okt. Eric A Nygren to Alex C

Wieben.....May —

May 5, 1913—N JAYNES 157.89 E

California being Lot 18 Blk 4

Buena Peralta Tract, Bkly. Gustaf

Johanson to whom it may concern.....May 5, 1913

May 6, 1913—W TELEGRAPH AVE

100 S 16th S 130 NE 103.95 SW

102.44 N 130 NE 90 NW 5.72 NE

112.89 SE 74 SW 100 SE 100, Okd.

Kahn Realty Co to National Lath-

ing & Furring Co.....May 5, 1913

May 6, 1913—W BAY 767 ft. 11 in.

S San Antonio Ave S 53 ft. 11 in.

W 100, Alameda. James N Eschen

to Aitchison & Sons.....April 29, 1913

May 6, 1913—LOT 11 Map Fourth

Ave Terrace Extension, Okd.—H L

Wood to whom it may concern.....May 4, 1913

May 7, 1913—LOT 17 BLK 1 Map

Resubdn Miramonte Tract. Bkly.

Junk-Riddell Invst Co to whom it

may concern.....May 6, 1913

May 7, 1913—LOTS 10 AND 11 BLK

237 Map Town of Newark, Newark.

Mrs Alice and Malcolm Reid to F

C Griffin & Sons.....May 6, 1913

May 8, 1913—N BRISTOL 264.93 W

Curtis W 53.67xN 204.6, Bkly.

Edward Kalnin to whom it may

concern.....April 30, 1913

May 8, 1913—LOT 142 Map Higgins

Tract, Bkly. A V Graves to whom

it may concern.....May 8, 1913

May 7, 1913—N 12 LOT 12 AND 8 23

Lot 11 Blk "L" Map ptn Lynn

Homestead, Okd. Perry E Baird to

whom it may concern.....May 7, 1913

May 8, 1913—N VIRGINIA 100 W 8th

32.5x100, Bkly. Ira Serrick to F

R Peake.....May 7, 1913

May 8, 1913—SW MILLS 100 NW

Baker NW 100xSW 105, Okd. Zack

Souther to J A Valadan. May 7, 1913

May 8, 1913—PTN LOT 56 Map Park

View Tract and ptn Lot 11 Blk "G"

Revised Map Piedmont Park, Oak-

land Tp. Mrs M H Rose to A Peter-

son.....May 8, 1913

May 9, 1913—LOT 17 BLK 14 North-

brae, Bkly. George E Jordan to

A Y Skee.....May 9, 1913

May 9, 1913—NW THIRTEENTH AV

and Hopkins N along 13th Ave 26x

W 45, Okd. Mrs E Malynn to F N

Fabling.....May 1, 1913

LIENS FILED.

ALAMEDA COUNTY.

May 1, 1913—LOTS 1 AND 2 Map

Oakland Park Tct, Okd. Marshall

& Stearns Co vs Mangus Smith &

George W Ellassen.....\$41

May 1, 1913—S FORTY-SEVENTH

392.96 E Market E 50xS 100, Okd.

A Brisa & Co vs Carlo Dossa and

Giovanna Dossa.....\$1385

May 9, 1913—LOT 12 BLK 11 Map

Northbrae, Bkly. W P Fuller &

Co vs W C Mason.....\$156

May 1, 1913—N ALBANY TERRACE

92 E Nielson E 31xN 90, Bkly.

W P Fuller & Co vs W C Mason.....

\$84.28

May 2, 1913—LOTS 1 AND 2 Map Oak

Park Tract, Okd. Edward Mulvihill

vs Magnus Smith and Geo W Ellas-

sen.....\$35

May 2, 1913—S 94.50 LOT 4 BLK "N"

Map No. 2 of subdn of ptn Central

Oakland Tract E of Telegraph Ave,

Okt. Jenkin Fixture Co vs Carrie

M Lassen.....\$56.40

May 2, 1913—NE BOULEVARD WAY

84 1/2 NW Girard Ave NW 40 xNE

120, Okd. Panama Lumber & Mill

Co vs E and May Oppenheim and

Inter Cities Home Bldrs.....\$425.10

May 9, 1913—E LENOX AVE 260 S

Van Buren Ave S 40xE 150, Okd.

W P Fuller & Co, \$419.35; F E

Dalzell, \$558.73 vs Laura C Hall..

May 9, 1913—S FORTY-SEVENTH

362.96 E Market E 50xS 100, Okd.

Sunset Lumber Co vs Carlo Dossa

and Giovanna Dossa and A Brisa

& Co.....\$177.40

May 9, 1913—LOTS 1 AND 2 Map Oak

Park Tract, Okd. Conrad Ellec Co

vs Magnus Smith and Geo W

Ellassen.....\$177.40

SAN JOSE AND THE SANTA CLARA VALLEY.

COTTAGE—1 story and base, frame, \$1,500. San Jose, Santa Clara Co., Cal. Architect, none. Owner, F. M. Bargas, 16 West Santa Clara Ave., San Jose. The dwelling will contain six rooms and bath. All interior trim will be of pine. Hardwood floors will be used in the living room and dining room. There will be a large open fire place and tile or brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

WATER TANK AND WELL DRILLING—Cost not stated. Half Moon Bay, San Mateo Co., Cal. Engineer, none. Owners, Half Moon Bay High School. Bldg will be opened on June 1st for furnishing and erecting a water tank and for drilling a well for the water supply of the Half Moon Bay High School District. Plans can be secured from Dr. W. A. Brooke, Half Moon Bay.

SCHOOL—1 story and base, reinforced concrete, \$65,000. San Jose, Santa Clara Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owens, Hester School District. This building has been mentioned here before when plans were first out for figures. These original plans have been revised and new bids are now being taken. The building will contain fourteen class rooms and an auditorium. Interior will be finished in pine with some cement and maple floors. A central heating system, modern school plumbing and a vacuum cleaning system will be installed. The exterior of the building will be faced with cement plaster. Plans can be secured from the Clerk of the Hester School Board at San Jose.

Building Contracts.

SANTA CLARA COUNTY.

W SEVENTH, bet Keyes and Humboldt, San Jose. Four-room shack. Owner.....A. Bauen, Premises. Architect...None. Day's work. COST, \$450

SW PARK AND VINE, San Jose. Remodel brick oven. Owner.....A. Lemetta, Premises. Architect...None. Day's work. COST, \$1000

NW SEVENTEENTH AND SAN SALVADORE, San Jose. One-story garage. Owner.....W. H. Wood, 275 S-16th, San Jose. Architect...None. Day's work. COST, \$400

NO. 191 GEORGE, San Jose. Four-room cottage. Owner.....Frank Cavala, Premises. Architect...None. Day's work. COST, \$1000

E TWELFTH, 5th Lot S of Empire, San Jose. Four-room cottage. Owner.....F. M. Bargas, 16 W-Santa Clara, San Jose. Architect...None. Day's work. COST, \$1500

NO. 424 BIRD AVE., San Jose. One-room addition on rear. Owner.....P. Beneventa, Premises. Architect...None. Day's work. COST, \$400

NOS. 244 AND 246 S-EIGHTH, San Jose. Two-story residence. Owner.....Mrs. C. H. Pieper, Prem. Architect...None. Contractor...C. C. Lewes, Mountain View, Cal. COST, \$3800

Building Contracts.

SAN MATEO COUNTY.

LOTS 14 AND 17 BLK 14 Subdiv No. 2, Burlingame Park. All work for two-story and basement frame dwelling. Owner.....Norman De Vaux, S. F. Architect...H. Gelfuss & Son, 46 Kearny, San Francisco. Contractor...A. R. Lingofelter, 1240 McAllister, San Francisco. Filed April 12, '13. Dated April 7, '13. Frames of building & garage up..... \$1101 Building & garage roofed..... 1101 Building brown coated..... 1101 Building white coated..... 1101

Building and garage completed and accepted..... 1101 Usual 35 days..... 1835 TOTAL COST, \$7340 Bond, none. Limit, 110 days. Forfeit, \$10. Plans and specifications filed.

LOT 23 BLK 3 Map 2, Burlingame Terrace, Burlingame. All work for one-story and basement frame bungalow. Owner.....Nellie S. Manley, S. F. Architect...Allan P. Rixford, 2841 Steiner, San Francisco. Contractor...F. H. Boring, San Mateo. Filed April 24, '13. Dated April 24, '13. Frame up..... \$617.50 Plastering completed..... 617.50 All work completed..... 617.50 Usual 35 days..... 617.50 TOTAL COST, \$2470.00

Bond, \$1235. Surety, American Surety Co. of New York. Limit, 60 days. Forfeit, none. Plans and specifications filed.

WOODSIDE AND PORTOLA, San Mateo 50,000 feet mor or less of 58-inch Elwood Lawn fence. Owner.....Spring Valley Water Co., 375 Sutter, San Francisco. Architect...None. Contractor...H. R. Prishrey, Redwood City.

Filed April 23, '13. Dated April 9, '13. Progressive payments..... 75% 60 days after..... 25% TOTAL COST, \$3.70 per 100 lineal feet Bond, \$750. Sureties, J. M. Wallace and R. M. Cane. Limit, July 1. Forfeit, none. Plans and specifications filed.

FLOOD ESTATE, Menlo Park. All work for concrete swimming tank. Owner.....James L. Flood, 208 Flood Bldg., San Francisco. Architect...Bliss & Faville, Balboa Bldg., San Francisco. Contractor...Harry E. Morey & Sons, Menlo Park.

Filed April 22, '13. Dated April 16, '13. Progressive payments of..... 75% 30 days after..... 25% TOTAL COST, \$7782 Bond, \$3891. Surety, American Surety Co. of New York. Limit, June 15. Forfeit, \$20. Plans and specifications filed.

E ELM 155-8 N Mt. Diablo Ave., San Mateo. All work for two-story and basement frame residence. Owner.....Raymond and Elizabeth O'Grady, San Mateo. Architect...Havens & Toepke, 46 Kearny, San Francisco. Contractor...Croop & Keegan, San Mateo. Filed April 30, '13. Dated April 28, '13. Frame up..... \$ 987 1st coat plaster on inside and outside..... 987 Outside work completed and inside plaster completed..... 987 All work completed..... 987 Usual 35 days..... 1317 TOTAL COST, \$5265

Bond, \$2623. Sureties, J. P. Britt and J. F. McCann. Limit, \$5 days. Forfeit, \$5. Plans and specifications filed.

ADJ. ST. MATTHEW'S CHURCH, San Mateo. Ornamental iron work for hospital addition. Owner.....St. Matthews Red Cross Hospital. Architect...Lewis P. Hobart, Crocker Bldg., San Francisco. Contractor...C. J. Hillard Co., 19th and Minnesota, San Francisco. Filed April 19, '13. Dated April 15, '13. Progressive payments of..... 75% Usual 35 days..... 25%

TOTAL COST, \$11290 Bond, \$595. Surety, Globe Indemnity Co. Limit, on or before July 1. Forfeit, none. Plans and specifications filed.

LOTS 23, 24, 25, 26 AND 27 BLK "A," Fair Oaks Acres. All work for one-story and basement from bungalow. Owner.....Christina S. Bowman, S. F. Architect...None. Contractor...B. P. Richards. Filed April 29, '13. Dated April 29, '13. Frame up..... \$750 Brown coated..... 750 Completed and accepted..... 750 Usual 35 days..... 750 TOTAL COST, \$3000 Bond, \$1500. Sureties, John Duffield & Joseph A. Jury. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

ATHERTON AVE., near Atherton. All work for one-story gate house and one-story cow barn. Owner.....Clara H. Heller, S. F. Architect...Houghton Sawyer, Shreve Bldg., San Francisco. Contractor...Donnelly & Weller, Redwood City.

Filed April 19, '13. Dated April 1, '13. Progressive payments of..... 75% Usual 35 days..... 25% TOTAL COST, \$4073 Bond, \$2036.51. Surety, American Surety Co. of New York. Limit, as soon as possible. Forfeit, \$10. Plans and specifications filed.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE—2 story and base, frame, \$4,000. Winship Park, Marin Co., Cal. Architects, Hutchinson Bros., 470 13th St., Oakland. Owner, A. A. Robertson. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior finish will be largely of pine with some hardwood veneer. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

Contracts Awarded.

APARTMENT HOUSE—2 story and base, frame, \$20,000. Richmond, Contra Costa Co., Cal. Architect, James T. Narbett, Richmond. Owner, Calvin E. Eib. Contractors, The Park-Jacobs Co., Richmond. Contract price, \$20,000. The building will be 40x110 feet, and interior will be arranged for two and three room suites. Exterior will be faced with cement plaster on metal lath.

Building Contracts.

MARIN COUNTY.

LOT NO. 274 Tamalpais Park Add'n to Town of Mill Valley. All work for one-story and basement church. Owner...The Trustees of the Mill Valley Methodist Episcopal Church. Architect...None. Contractor...J. F. Johnson, J. E. Branagh and T. A. Cuthbertson, 229 14th, San Francisco. Filed April 30, '13. Dated April 17, '13. Frame up and roof sheeted..... \$806.25 1st coat plaster on and plumbing roughed in..... 806.25

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Completed and accepted..... \$06.25
 Usual 35 days..... \$06.25
TOTAL COST, \$3225.00
 Bond, \$2000. Sureties, Thos. K. L. Ewin and Jas. T. Johnston. Limit, 90 days. Forfeit, \$125. Plans and specifications filed.

FAIRFAX. All work for two-story frame wing to Arequipa Sanatorium. Owner.....Philip King Brown Architect.....None.
 Contractor.....Holden-Duprey Co., 126 Otis, San Francisco.
 Filed May 3, '13. Dated April 18, '13.
 Rough frame up and rafters on.....\$1325
 Enclosed 1325
 Completion 1325
 Usual 35 days..... 1325
TOTAL COST, \$5300
 Bond, none. Limit, 120 days. Forfeit, \$5. Plans and specifications filed.

LOT 5 BLK 6 Sequoia Park Trct, San Anselmo. All work for one-story frame bungalow.
 Owner.....G. Farrell, San Francisco.
 Architect.....National Architectural Plan & Eng. Co., Foxcroft Bldg., San Francisco.
 Contractor.....Watson Bros, San Anselmo
 Filed April 19, '13. Dated April 19, '13.
 Frame up\$432 50
 Brown coated 432 50
 Completed and accepted..... 432 50
 Usual 35 days..... 432 50
TOTAL COST, \$1730 00
 Bond, none. Limit, 50 days. Forfeit, \$3. Plans and specifications filed.

SAUSALITO. All work for one-story and basement frame bungalow.
 Owner.....Miss Augusta Duisenberg, 3216 Jackson, S. F.
 Architect.....None.
 Contractor.....Paul E. Bertrand, 2069 Green, San Francisco.
 Filed May 6, '13. Dated May 1, '13.
 Frame up\$800
 Brown coated 900
 Completed and accepted..... 435
TOTAL COST, \$2135
 Bond, none Limit, 6 weeks or not more than 8 weeks. Forfeit, none. Plans and specifications, none.

BLK "D" LOT 28, San Anselmo. All work except window shades and chandeliers for one-story frame cottage.
 Owner.....Anna Hollin, San Francisco.
 Architect.....None.
 Contractor.....W. H. Jackson
 Filed April 28, '13. Dated April 23, '13.
 Rough frame up.....\$500
 Brown coated 500
 Completed and accepted..... 600
 Usual 35 days..... 620
TOTAL COST, \$2220
 Bond, \$1100. Surety, Equitable Surety Co. Limit, 60 days from May 1. Forfeit, none. Plans and specifications filed.

Building Contracts.

CONTRA COSTA COUNTY.

AT AVON. All work for certain batteries and boilers.
 Owner.....Associated Oil Company.
 Architect.....None.
 Contractor.....J. T. Thorpe & Son, 527 Anza, San Francisco.
 Filed May 5, '13. Dated April 23, '13.
 On 10th of each month..... 75%

Usual 35 days..... 25%
TOTAL COST, \$7225
 Bond, \$2650. Surety, American Bonding Co. of Baltimore. Limit, forfeit, none. Plans and specifications filed.

LOTS 1 TO 4 INCLUSIVE BLK '3, City of Richmond. All work for reinforced concrete holder foundation.
 Owner.....Pacific Gas & Elec. Co., 445 Sutter, San Francisco.
 Architect.....None.
 Contractor.....John R. Cahill, 460 Montgomery, San Francisco.
 Filed May 3, '13. Dated April 30, '13.
 Upon completion 75%
 Usual 35 days..... 25%
TOTAL COST, \$1486
 Bond, \$743. Surety, Globe Indemnity Co. of New York. Limit, 30 days. Forfeit, none. Plans and specifications filed

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
 April 17, 1913—LOT 8 BLK 3, Picnic Valley. Edward E. Stebbens to whom it may concern.....April 16, 1913
 Apr 23, 1913—SAN ANSELMO. Nellie Conway to E Bradee.....April 23, 1913

Release of Liens.

MARIN COUNTY.

RECORDED AMOUNT
 April 24, 1913—LOTS 30 AND 31 BLK 7, Marin Heights. Mill Valley Lumber Co to Mrs B D Bruce and R S K MacMillen.....

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED AMOUNT
 May 6, 1913—LOT 3 BLK 19, City of Bay Point. Golden Gate Brick Co to A Engel and T A Oakes.....\$54.70

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

GARAGE—2 story and base, brick and steel. Cost not stated. Bakersfield, Kern Co., Cal. Architect, none. Owners, Erb & Drury, Bakersfield. Plans are complete for a two-story addition to the present Bakersfield Garage and Auto Supply Co. The addition will cover an area of 51x149 feet, and will contain additional storage space, machine shop and repair department. Exterior of the building will be faced with cement plaster. Bids will be taken by the owners.

SCHOOL ADDITION—2 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. This work has been mentioned here before when plans were first prepared. Bids will be opened by the School Board on May 15th. The building will contain four class rooms and an auditorium. Plans can be secured from the architect.

RAILROAD STATION—2 story and base, fr. m. \$15,000. Fresno, Fresno Co., Cal. Engineers, Engineering Department Santa Fe R. R. Co., L. A. Owners, Santa Fe R. R. Co. A contract will be let within the next few days

for the construction of a Mission style addition to the company's passenger station at Fresno. The building will be covered with cement plaster on metal lath and will have a clay tile roof. Plans are now being figured.

SCHOOL—1 story and base, concrete and brick, \$18,000. Hughson, Stanislaus Co., Cal. Architects, Stone & Wright, 24 So. California St., Stockton. Owners, Hughson School District. Clerk of the Board may be addressed at Modesto. The building has been designed for a four-room school. Interior will be finished in pine and maple. There will be a central heating system. A metal tile roof will be used. Exterior of the building will be faced with pressed brick. Plans are now being prepared for the work.

WATER SYSTEM AND TANK—Cost not stated. Tulare, Tulare Co., Cal. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, City of Tulare. Bids opened by the City Trustees for the construction of a water system in Tulare show the Des Moines Bridge and Iron Works low for the steel tank and tower at \$9,840 and they were awarded the contract. O. D. Vincent was low at about \$37,647.70 for the water system. Next low on this work was the Coalinga Tank and Pumping Co. No action was taken.

Building Contracts.

FRESNO COUNTY.

NW OLIVE AND TEMPLE AVES., Fresno City. All work for dwelling. Owner.....L. N. Peart, Fresno.
 Architect.....Swartz, Hotchkiss & Swartz Fresno.

Contractor.....E. P. Smith, Fresno.
 Filed May 8, '13. Dated May 7, '13.
 Frame up ready for rafters.....\$1125
 Siding and shingles and rough plastering on 1125
 Building completed 1125
 Usual 35 days..... 1125
TOTAL COST, \$4500

Bond, \$2250. Surety, Southwestern Surety Ins. Co. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

FLATS—2 story and base, frame, \$6,000. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owner, Mrs. A. Boksch. The building will be arranged for two flats of five and six rooms each with bath. Interior finish will be entirely of pine with some oak floors. Plans provide for gas grates with brick mantels. Bath rooms will have tile wainscot. The exterior of the building will be covered with rustic. Plans are being prepared and figures will be called for shortly.

RESIDENCE — 2 story and base, frame, \$8,000. Stockton, San Joaquin Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owner, Frank Gurnsey. The dwelling will be erected in the Bones Tract and will contain ten rooms, baths and sleeping porch. Interior will be finished in pine and hardwood. There will be furnace heat and open fire places. Hardwood floors will be used in the principal living rooms and reception hall. Mantels will be of tile and brick. Tile will be used in the bath rooms and

Kitchen. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

SCHOOL—2 story and base, reinforced concrete, \$30,000. Quincy, Plumas Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Quincy Union High School. Architect Weeks has just been selected to prepare plans for this building. The school will be designed for a Union High School and will contain a number of class rooms, assembly hall and manual training departments. Other than the fact that it will be of the reinforced concrete type of construction details cannot be given at this time. Mr. Weeks will appear before the School Trustees next Saturday to receive instructions.

STORE AND OFFICE ALTERATIONS—4 story, brick and steel. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, Citizens' Investment Co. This work will include the installation of modern elevator equipment, oil burning furnaces and steam heat. New electric wiring, plumbing and store fronts will also be installed. Exterior of the building will be faced with pressed brick. Considerable structural steel and iron will be used. Plans for this work are now being prepared.

BRIDGE—Steel and concrete, \$150,000. Stony Creek, Glenn Co., Cal. Engineer, County Surveyor, Willows. Owners, Glenn County. This work has been mentioned here before. Bids for the construction were recently opened but have all been rejected. A dispute over the right-of-way to one of the approaches could not be settled. This question will be taken up at the next meeting of the Board of Supervisors and adjudicated, after which new proposals will be published and a contract let. Plans and specifications can be obtained from the County Surveyor at Willows.

SCHOOL—1 story and base, reinforced concrete, \$25,000. Maxwell, Colusa Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Maxwell School District. The building has been out for figures before but all bids were rejected. Plans are now being revised and figures will be called for on the new set of plans within two weeks. The plans include eight class rooms and assembly hall. Separate bids will be taken for the heating, plumbing and general construction. Exterior of the building will be faced with cement plaster. Plans can be secured from the architect.

Building Contracts.

SACRAMENTO COUNTY.

Nos. 726-728 KAY, Sacramento. Alterations and additions to two-story and basement building.
Owner.....Willia, Trust and Henry Nicolaus Jr.
Architect...E. C. Hemmings, 1005 K St., Sacramento.
Contractor...Thielbahr & Bender, 2901 C St., Sacramento.
Filed May 3, '13. Dated May 1, '13.
COST, \$3742

Release of Liens.

SACRAMENTO COUNTY.

RECORDED	AMOUNT
May 7, 1913—E 23 FT. OF S ½ OF 5, J. K. 9th and 10th Sts., Sacramento	
Oak Park Lumber & Milling Co to R R Ferrell	\$58.10

Building Contracts.

SAN JOAQUIN COUNTY

LOT 6 BLK 20 E OF CENTER ST., Stockton. All work for two-story brick building.
Owner.....Lem Sing.
Architect...None.
St., Stockton.
Filed April 30, '13 Dated April 28, '13.
Upon completion of contract...\$1000
Before June 1st 1000
Before July 1st 1000
Before July 18th 1000
Deliver to contractor promissory notes; 1st one year after date.. 1000
One for each of the four years between of \$1000..... 4000
One for \$5500 6 years after date 5500
TOTAL COST, \$14,500

Bond, \$7250. Surteies, J. L. Craig and C. P. Cole Limit, forfeit, none Plans and specifications filed.
LOT 5 BLK "B" 26 E, Stockton. Brick building.
Owner.....Coley-Craig Co., 17 N-Hunter Stockton.
Architect...None.
Day's work. COST, \$12,000

LOT 16 BLK 50 W, Stockton. Raise and remodel frame building.
Owner.....H. C. Peterson, M. D., Mail Bldg, Stockton
Architect...None.
Day's work. COST, \$500
S ½ OF LOTS 1 AND 3 BLK 77 W, Stockton. Frame building.
Owner.....J. N. Santos.
Architect...None
Day's work. COST, \$1400

LOT 16 BLK 24 E, Stockton. Repair frame building.
Owner.....H. R. Foster, 35 S-Pilgrim St., Stockton.
Architect...None.
Day's work. COST, \$1000

ESCALON, CALIFORNIA. All work for combination passenger depot.
Owner.....Tidewater & Southern Railway, 25 South Sutter, Stockton.
Architect...Wallace.
Owner.....O. G. Kibbs.
Filed May 1, '13. Dated May 1, '13.
Frame up\$500
Ready for painting..... 500
36 days after 985
TOTAL COST, \$1985
Bond, none. Sureties, J. E. Coley and Ralph W. Gardner. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTH CALIFORNIA.

HOTEL ADDITIONS—2, 4 story and base, reinforced concrete. Cost not stated. Riverside, Riverside Co., Cal. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, Frank Miller. These additions will be in the form of two wings, each 48x100 feet and will be

built at the Riverside Inn. Ground floors will contain dining rooms, exhibit rooms and curio rooms. Upper floors will be arranged for guest rooms, all of which will have connecting baths. Plans provide for steam heat and elevator service. Exterior will be faced with cement plaster and roofs will be covered with red clay tile. Plans are being prepared. The work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Anna Baker. The building will cover an area of 42x142 feet, and has been arranged to contain 67 rooms, which will be divided into two and three room suites. All suites will have connecting baths and wall beds. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. Bath rooms will have cement floors and tile wainscot. Plans include steam heat and a vacuum cleaning system. Exterior of the building will be covered with brick veneer and artificial stone trim. Plans are complete and figures are being taken.

LODGE HALL—5 story and base, brick and steel, \$75,000. San Diego, Cal. Architect, Del W. Harris, Timken Bldg., San Diego. Owners, Woodmen of the World. The building will be erected at the corner of 12th and G streets and will cover a considerable area. The structure will be practically fireproof. The first floor is to be arranged for stores, a separate entrance for the lodge rooms and an entrance and lobby for a hotel. Upper floors will be divided into hotel rooms and lodge halls and the offices of the organization. Interior finish will be of pine and hardwood. There will be steam heat and elevator service. A vacuum cleaning system will be installed. Exterior of the building will be faced with pressed brick and terra cotta. Construction will be started in two months.

SCHOOL—2 story and base, brick and concrete, \$40,000. Ontario, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Ontario School District. The building has been designed for a high school and will contain ten class rooms, auditorium, manual training and domestic science departments. Interior will be finished in pine with maple floors. Plans provide for steam heat and modern ventilating system. Exterior walls will be of brick or reinforced concrete faced with cement plaster. Plans are now being prepared.

WATER SYSTEM—\$200,000. Oxnard, Ventura Co., Cal. Engineers, Olmstead & Gillean, Wright and Callender Bldg., L. A. Owners, City of Oxnard. Plans for the construction of a municipal water system have been approved by the City Council and bids have been called. Bonds to the extent of \$200,000 have been voted for this work. Plans can be secured from either the City Clerk or from the engineers. The official proposal appears in another column of this issue. Bids will be opened at Oxnard on May 27th.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Elmore R. Jeffry, Citizens' National Bank Bldg., L. A. Owner, Mrs. Ella Barker. This building

BUILDING AND INDUSTRIAL NEWS.

has been mentioned here before when plans were first started. The structure will cover an area of 105x79 feet and has been arranged to contain 55 rooms arranged in two and three room suites with private baths and wall beds. Plans provide for steam heat, elevator service, a hot water plant and vacuum cleaning system. Interior finish will be of pine and hardwood. Cement floors and tile wainscot will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FIRE HOUSE—2 story and base, brick, \$15,000. Los Angeles, Cal. Architect, Chief Building Inspector Backus, L. A. Owners, City of Los Angeles. The building will cover an area of 40x72 feet, and is to be erected at the corner of Central avenue and 14th street. Interior will be finished in pine throughout. There will be special plumbing, including shower baths. The exterior of the building will be faced with pressed brick. Plans have been completed and bids are being taken by the Purchasing Agent of the City.

LIBRARY—1 story and base, reinforced concrete. Alhambra, Los Angeles Co., Cal. Architect's name not given. Owners, City of Alhambra. This building was mentioned in last week's issue. The time for opening bids has been postponed until May 17th. Plans can be secured from the City Clerk.

LIBRARY—2 story and base, brick and concrete, \$30,000. Los Angeles, Cal. Architects, Train & Williams, associated with F. M. Ashley, Exchange Bldg., L. A. Owners, City of Los Angeles. All bids received for this work were in excess of the appropriation. Plans are now being revised and new figures will be called for shortly. The following is a list of the bids received: Kling Co., \$32,217; C. Karseboom, \$33,229; Alta Planing Mill Co., \$36,177; Alpetter Hall & Alpetter, \$38,791; F. O. Engstrum Co., \$41,320.

SCHOOL—1 story and base, frame, \$23,000. Venice, Los Angeles Co., Cal. Architect, Eager & Eager, Story Bldg., L. A. Owners, Venice School District. The building will be built around three sides of a court 100x112 feet. The main portion of the building will contain the auditorium, one of the wings four class rooms and the other wing domestic science and manual training departments. Interior will be finished in pine with maple floors. There will be a central heating system and vacuum cleaning. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and bids will be opened on May 14th.

Contracts Awarded.

STORE AND OFFICE ADDITION—4 story and base, reinforced concrete, \$82,000. Los Angeles, Cal. Architect, Harrison Albright, Laughlin Bldg., L. A. Owner, John D. Spreckels. Contractors, The John Roberts Co., Lankershim Bldg., L. A. Contract price, \$82,000.

STORES AND LOFTS—6 story and base, reinforced concrete, \$60,800. Los Angeles, Cal. Architect, W. J. Saunders, International Bank Bldg., L. A. Owner, F. W. Braun. Contractors, Gavagan-McCutcheon Co., Union Oil Bldg., L. A. Contract price, \$60,800.

APARTMENT HOUSE—4 story and

base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, A. Reif, Higgins Bldg., L. A. Owner, Adolph Jahnke. Contractor, J. S. Barrett, 3526 South Hill St., L. A. Contract price not stated.

APARTMENT HOUSE—1 story and base, brick and steel, \$80,000. Los Angeles, Cal. Architects, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, Bertha W. Sullivan. Contractors, Milwaukee Building Co., Wright and Callender Bldg., L. A. Contract price, \$80,000.

APARTMENT HOUSE—4 story and base, brick and steel, \$70,000. Los Angeles, Cal. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Howard W. Squires. Contractors, The Main Building Co., Thorpe Bldg., L. A. Contract price, \$70,000.

CHAPEL 1 story and wing, reinforced concrete, \$31,600. Camarillo, Ventura Co., Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Mission San Juan Camarillo. Contractors, W. A. Schumacher Co., Brockman Bldg., L. A., general construction, \$31,600. Other contracts aggregating \$10,000 have also been awarded.

RESIDENCE—2 story and base, frame, \$25,000. Los Angeles, Cal. Architects, Edelman & Barnett, Blanchard Bldg., L. A. Owner, Sol. Aronson. Contractors, Pacific Engineering Co., H. W. Hellman Bldg., L. A. Contract price, \$25,000.

STORES AND LOFTS—9 story and base. Class A construction, \$225,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Metropolitan Fireproof Building Co. Contractor, O. F. Engstrum, 5th and Seaton Sts., L. A., general construction only. Contract price not stated. Plumbing, electric work, heating, marble and tile work, elevators and ornamental iron work will be let separately.

APARTMENT HOUSE—1 story and base, brick and steel, \$49,000. Los Angeles, Cal. Architect, none. Owner, Dr. T. J. Rush. Contractors, Pacific States Investment Co., 107 So. Broadway, L. A. Contract price, \$49,000.

Positions Wanted

YOUNG MAN, 30 years, wants a job of any kind. Solicitor's job preferred. Salary no object. Future promotion of more consequence than present salary. H. R. SCOTT, 1239 7th Ave., Sunset Dist., S. F. Tel. Sunset 1829.

PORTLAND AND OREGON.

LODGE HALL—2 story and base, brick and steel, \$25,000. Tillamook, Ore. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland, Owners, I. O. O. F. Hall Association, Tillamook. The building will be designed for stores on the first floor and lodge rooms, assembly hall and banquet room on the upper floor. The structure will cover an area of 80x100 feet and will be classic in design. Considerable structural steel will be used. Interior finish will be of pine and hardwood. There will be steam heat. The exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

FIRE HOUSES—2, 1 story and base, brick, \$15,000 each. Portland, Ore. Engineer, Chief Engineer, City Fire Department, Portland, Owners, City of Portland. Plans for two new fire houses have been completed and bids

are now being taken. One of the stations will be erected at the corner of 3rd and Glisan and the other at the corner of 14th and Glisan. Plans can be secured from the Chief Engineer of the Fire Department at the City Hall. Bids will be opened on May 15th.

HOSPITAL—2 story and base, brick and concrete, \$25,000. Astoria, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Clatsop County. The building will be designed for a County Hospital and will contain wards for males and females, dining rooms, kitchens, nurses' quarters and a large operating room. Plans include steam heat, elevator service and a vacuum cleaning plant. Interior will be finished in pine and hardwood. The exterior of the building will be faced with cement plaster and pressed brick. Plans are now being prepared and it will be a matter of three weeks or a month before figures will be taken.

Contracts Awarded.

OFFICES—5 story and base. Class A construction, \$80,000. Portland, Ore. Architects, MacNaughton & Raymond, Concord Bldg., Portland. Owners, Title and Trust Building. Contractors, Boyajohn-Arnold Co., Wilcox Bldg., Portland, general construction. Contract price, \$80,000.

SEATTLE AND WASHINGTON.

BRIDGE—Steel and concrete, \$200,000. Seattle, Wash. Engineer, City Department of Engineering, Seattle. Owners, City of Seattle. Bids are again being taken for the construction of the West Wheeler street bridge. The Board of Public Works will open figures for this work on May 16th. Previous bids were all in excess of the amount allowable.

COURT HOUSE—3 and 5 story, Class A construction, \$550,000. Seattle, Wash. Architect, A. Warren Gould, American Bank Bldg., Seattle. Owners, King County. Final plans and specifications for the construction of this building have been approved and bids for the work are being advertised. The building will be erected on the block bounded by Jefferson, James, 2nd and 4th streets. There will be a complete steel frame and fireproof construction throughout. The main portion of the building will be three stories high and the center portion five stories. Bids will be opened on June 3rd. Alternate proposals for granite facing and terra cotta facing are being taken. Plans can be secured from the architect.

FACTORY—4 story and base, reinforced concrete, \$50,000. Seattle, Wash. Architect, Hans Pederson, Madison Bldg., Seattle. Owner, Hans Pederson. Mr. Pederson is preparing plans for a four-story reinforced concrete building which will be erected at the corner of Republican and Fairview streets. Construction will be fireproof throughout with reinforced concrete walls, concrete floors and roof and metal window sash and frames. There will be fireproof doors and an automatic sprinkler system. Exterior of the building will be faced with cement plaster. The structure has been designed for an overall factory. Bids are to be called for at once.

SCHOOLS—2, 2 story and base, reinforced concrete and brick, \$73,000

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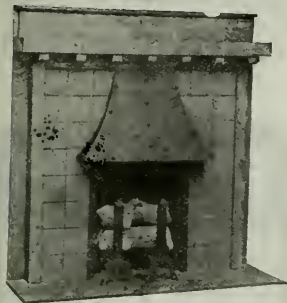
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and \$50,000. Seattle, Wash. Architect, Edgar Blair, 901 7th Ave., Seattle. Owners, City of Seattle. Plans for these two buildings have been completed and bids will be called for at once. The \$75,000 building is to be known as the Lake School. The \$50,000 will be expended in constructing an addition to the West Woodland School. Plans can be secured from the architect.

SCHOOL—3 story and base, reinforced concrete, \$50,000. Tacoma, Wash. Architects, Heath & Grove, National Realty Bldg., Tacoma. Owners, City of Tacoma. Plans for the construction of a five-room brick school, known as the Hawthorne School, have been completed and figures will be called for at once. This work is estimated to cost \$22,000. Plans for the boys' and girls' gymnasium, two separate buildings, which are to be erected at the Stadium School, are also complete and bids will be taken shortly. Each of these buildings will cost in the neighborhood of \$50,000. Plans and specifications can be obtained from the architects. Construction of the gymnasium buildings will be of reinforced concrete.

FOR FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce, Washington, D. C. In applying for addresses refer to file number.]

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No. 10788. Agencies for American goods.—One of the commercial agents of the Department of Commerce reports that a firm of commission agents in a European country desires to represent American manufacturers of the following articles: Paraffin, phosphates of ammonia, glues, and special glues for the manufacture of velveteen, hardware, turpentine, acetate of lead, chemicals in general, raw cotton in bales, upper leather, glazed kid glove and patent leather, silk stockings and socks, hams, lard, casings, motor cars and accessories, wooden staves, handkerchiefs, paper for newspapers, metals for making umbrellas, etc. This firm also desires to get in touch with importers of raw sheepskins, vegetable tanned sheepskins, olive oil, grapes, wines, and cork.

No. 10790. Cement machinery.—A report from an American consular officer states that a business man in Italy desires to represent on the market American manufacturers of cement machinery, particularly that used in cement factories, such as pulverizers, mixers, and machinery adapted for packing cement in sacks, all to be of the most modern improved types. The inquirer, who is an engineer, states that he makes a specialty of this class of machinery, and has hitherto handled that of German make. He is in touch with the cement manufacturing plants of the country. He desires illustrated catalogues in French or German, if possible. Prices f. o. b. New York, discounts, and terms. References can be furnished, and correspondence should be in French, Italian, German, or English, the first three preferred.

No. 10791. Electrical goods and gasoline lighting appliances.—A foreign business firm has requested an American consulate to put it in communication with American manufacturers of electrical goods, and gasoline lighting appliances. Offers giving full details in regard to prices, discounts, and credits should, if possible, be accompanied by samples. Prices should preferably include packing expenses and delivery c. i. f. city of destination, or at least f. o. b. New York.

No. 10796. Galvanized sheets and wire nails.—An American consul reports that a business firm in the United Kingdom, which is interested in supplying the Straits Settlements and Malay States with galvanized sheets and wire nails, would like to secure informa-

tion from manufacturers as to the landed cost of such articles at Penang and Singapore. It would also like manufacturers who might consider doing business with it in this section to furnish an analysis if their galvanized sheets and wire nails, as well as cost price. This firm is also ready to handle American cotton goods and tinned salmon through Penang and Singapore, but states that it is a question of price as to whether or not such American goods can be successfully promoted there. This firm ordinarily makes its purchases direct for export to this market, but in some instances might handle it on a commission.

No. 10800. Typewriters, automobiles, and mechanical supplies.—A business man, who has already placed a number of American articles on the British market, informs an American consulate that he would like to correspond with manufacturers of a typewriter which can be sold at retail for about \$50. There is a demand for such a machine, and it is stated that \$50 can be placed the first year, with a large increase subsequently, if the machine should prove satisfactory. He is also interested in a two-seated runabout automobile, retailing for about \$500, and a high-power petroleum oil lamp in separate units, for use in textile and dyeing factories, to easily determine differences in color of cloth at night. The inquirer is said to be familiar with trade conditions in the United States and England and is ready to consider the introduction of any useful mechanical article manufactured in the United States, which can be placed on the English market at from \$25 to \$30.

No. 10801. Gas ranges.—A report from an American consular officer in a Mediterranean country states that a resident of his district wishes to secure the local representation of American manufacturers of gas ranges. Catalogues, prices, f. o. b. New York, and terms are desired. References can be furnished, and correspondence may be in French, German, Italian, or English.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 5, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M. on the 9th day of June, 1913, and then opened, for a conduit and wiring system in the United States Marine Hospital, San Francisco, Cal., in accordance with drawing and specification, copies of which may be had at this office or at the office of the Supervising Superintendent of Construction, U. S. Post Office, San Francisco, Cal., at the discretion of the Supervising Architect.

O. WENDEROTH,
Supervising Architect. (4)



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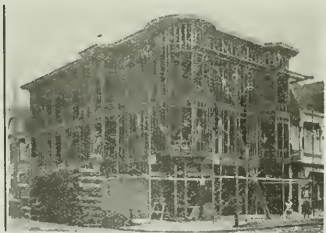
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Contract For The Structural Steel Has Just
Been Let. Designed By Architects Palmer
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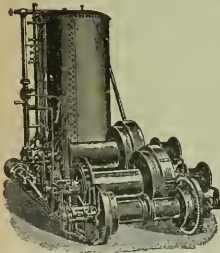
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San Francisco, MAY 20, 1913

Thirteenth Year No. 20

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Editorial Comment.

Building operations for the month of April show an aggregate loss throughout the country. Returns from 64 building centers of the United States made to the American Contractor, Chicago, show a loss of something like 6 per cent. This is not surprising owing to the unprecedented floods in the middle west and also from the fact that New York last year showed an unprecedented building record for the month of April. Portland and Los Angeles lead the record of the Pacific Coast, both these cities being tabulated with permits of more than 5 millions in the aggregate. Seattle also coming along with a total of more than 3 million for the month. San Francisco, so far as private construction is concerned, had only something over 2 million, including the Panama Pacific and city work it included more than three million. So outside of New York the country generally showed a normal gain. Particulars are to be found in the following table:

City	April 1913. Cost.	April, 1912. Cost.
Akron	\$ 1,119,300	\$ 704,387
Albany	480,100	904,635
Atlanta	427,185	1,135,396
Baltimore	1,626,014	766,508
Birmingham	296,235	197,690
Buffalo	1,097,000	848,000
Cedar Rapids	168,000	133,000
Chattanooga	117,900	192,575
Chicago	12,329,900	9,345,400
Cincinnati	693,205	947,485
Cleveland	1,880,065	1,806,859
Columbus	774,121	745,737
Dallas	1,209,835	502,970
Denver	242,300	651,850
Detroit	3,070,195	3,086,405
Duluth	280,345	172,728
Evansville	448,406	208,625
Fort Wayne	222,150	302,650
Grand Rapids	355,776	285,353
Harrisburg	185,025	58,240
Hartford	378,520	373,520
Indianapolis	1,531,060	1,332,230
Kansas City	1,265,745	1,304,760
Lincoln	623,085	165,240
Los Angeles	5,047,065	2,650,461
Louisville	510,690	712,010
Manchester	352,352	411,154
Memphis	285,929	224,454
Milwaukee	1,702,340	1,576,566
Minneapolis	1,424,360	2,148,455
Nashville	427,366	142,070
Newark	1,842,278	1,126,777
New Haven	403,135	659,580
New Orleans	251,734	324,827
Manhattan	7,470,358	15,438,826
Brooklyn	3,761,461	5,604,364
Bronx	2,892,281	4,125,741
New York	14,124,100	25,168,931
Norfolk	478,256	246,612
Oakland	652,490	742,788

Omaha	575,085	504,320
Patereson	149,785	241,536
Peoria	259,101	160,000
Philadelphia	3,689,615	4,503,385
Pittsburg	1,057,762	1,069,792
Portland	2,887,855	2,305,936
Richmond	495,141	766,064
St. Joseph	200,127	145,550
St. Paul	926,150	869,799
St. Louis	1,586,006	2,416,240
Salt Lake City	277,151	192,350
San Antonio	156,155	152,477
San Francisco	2,249,332	3,435,434
Scranton	113,890	153,717
Seattle	840,595	1,235,230
Shreveport	156,907	69,217
South Bend	195,727	175,905
Spokane	198,633	193,910
Springfield	113,775	112,605
Tacoma	160,759	124,607
Toledo	885,315	558,450
Washington	1,162,656	1,049,714
Wilkes-Barre	132,369	97,889
Worcester	493,059	1,279,525
Total	\$77,285,952	\$84,560,880

Whatever difference of opinion there may have been about the compromise and agreement for the use of the lower Market Street tracks by the City and the United Railroads there is little difference of opinion as to the advisability and necessity of building more municipal car lines. While it is not advisable to incur indebtedness in a city already heavily burdened with taxes, yet anything that will relieve the city from the domination of the traction monopoly is to be desired. The proposal to vote $3\frac{1}{2}$ million dollars of a bond issue for extension of the municipal lines puts it well within the limit of the charter provisions. And there can be no question but the municipal lines will pay. If the Geary street road, with no transfer privileges and no access to the ferry piers, when it is not built up at either end of the line, a dividend each month of a substantial nature what can be expected of a municipal line that will connect principal places of business and have transfer and terminal facilities.

In efficiency the American workmen ranks all others. Statistics compiled by the Department of Commerce show that to produce a given net output requiring a certain amount of power and a certain number of workmen in the United States, the British manufacturer must use one-sixth more power and two and a half times as many workmen. This will perhaps show some relation between wages and the better condition of labor here than in other countries. So that it would appear that the cry about protecting American labor has been merely a catspaw by which the manufacturer has been enabled to secure higher prices and make larger profits while in reality paying no more for labor.

Some Notes On Causes Of Failure Of Stucco Work.

By A. G. CUTTING, New York, in "Cement and Engineering News."

A number of years ago stucco was quite generally used in certain localities, but owing to failures of the material to withstand the action of the elements and other causes, this type of construction was almost entirely abandoned. During the last few years, however, there has been a marked tendency by the building public to take up this class of construction again, therefore this word of caution.

We do not want to have the same experience with this type of construction, as the concrete block industry has had, and yet unless due care is used in drawing specifications and in their application, there are going to be a great many failures as in the past. Our architectural friends are very partial to stucco exterior, and if it is properly mixed and applied will come up to their expectations in every way. So much depends on the selection of the material, proper mixing and proper application that only skilled mechanics who are familiar with this class of work should be employed.

The writer has had opportunities to inspect a great many stucco residences in the past few years and is very sorry to say that the greater percentage of them are unsightly, due to cracks, discolorations caused by improper application, and lack of proper ingredient, etc. I wish to illustrate briefly by stating facts regarding two or three of the houses that have come to my attention.

I remember one residence in particular, where there were a great many horizontal cracks in the stucco running almost the entire length of one side of the building. These cracks were about two feet apart and were very pronounced. The whole area of sides and ends was very unsightly. After a careful investigation it was found that in nearly every instance where the cracks had developed that they were at a point where the wire lath was lapped and in many places less than $\frac{1}{4}$ -inch thickness of stucco was over these laps. In some instances by cutting out the cracks it was found that the metal lath was not even tacked solidly in place, and yet stucco work in general was condemned by a number of parties on the results obtained on this one building. It was quite apparent that the trouble was not due to any fault of the material, but in this particular instance was due entirely to the application of the wire lath and stucco. In addition to the large cracks at the laps of the wire lath, there were a number of hair cracks throughout the entire area, which apparently were caused by too much troweling of the concrete mass, and as was found by investigation there was a coating or frosting of Portland cement on some of the areas and the cracks penetrated just through this frosting. Other areas were entirely smooth and cracks had not developed.

In another case regular lime and mortar plaster without any Portland

cement was used for the scratch coat. The second and finishing coat consisted of a poor mixture of Portland cement and sand. The finish coat was only about $\frac{1}{4}$ inch thick. Moisture penetrated through the finish coat and the mortar composing the scratch coat being subjected to continued moisture disintegrated and the stucco came off in sheets.

The third case was very similar to the second, although wood lath was used instead of wire lath on a small building near the sea shore. The scratch coat material consisted of regular interior plaster and the second coat consisted of Portland cement, asbestos rock and asbestos fiber. The second coat was very thin and the damp salt air and moisture penetrated through to the first coat. The lath became swelled and the stucco came off in sheets. The stucco on this work was condemned and the faults were laid at the door of the asbestos and Portland cement. Upon investigating the matter thoroughly, it was readily proven that the entire trouble was due to the nature of the lath and the materials entering into the first coat.

I have referred to these buildings with a view of cautioning people interested in stucco construction to see that this particular part of the building is given proper attention. In the past stucco has been applied in two coats, the total thickness being about $\frac{1}{2}$ inch to $\frac{3}{4}$ inch. Past experience is teaching us, however, that 1 inch is by far better and if the material is applied in this thickness, house owners and architects should not have reason to regret its use.

Another point of considerable importance is the color. A uniform color is rather difficult to obtain on smooth surfaces particularly, but it can be obtained if proper attention is given to the selection and mixing of the ingredients and if the stucco is properly applied. When Portland cement and sand are used it is very essential that the sand should be absolutely free from any organic materials which have a tendency to discolor. It is also of vast importance that the ingredients be mixed very accurately and carefully and that a sufficient amount be mixed at one time to cover certain areas exposed to the same lights and shadows.

For example the work should not be left in an uncompleted condition half way between windows or half way down the side walls, for just as certain as this is done, there will be a streak showing where the latter work was started. If it is necessary to do a certain given area at two operations, care should be used to get the materials properly blended and the new stucco floated or troweled to correspond exactly to that already done. By using a little care on details of this kind the ultimate results will be much more satisfactory.

Portland cement and sand as a stucco mixture has been used with fair success where work has been carefully supervised, but there has been

such a lack of proper attention to the mixing and application that there have been some very bad failures. The use of asbestos rock and fiber to take the place of sand is meeting with considerable success. The asbestos fibers have a tendency to hold the water which is used to mix the concrete mass longer, thus giving the Portland cement ample opportunity to become properly set and in this way stucco mixtures are possible that are more uniform in color and less liable to crack as the fiber also furnishes additional bond.

There is one point which is frequently lost sight of, that is it is possible to make concrete slabs that are free from cracks and that can be exposed to the elements for an indefinite period without discoloration. Therefore, should cracks develop in a well constructed stucco work it can be invariably traced to settling of the building or the shrinking of the frame. By insisting upon thicker stucco walls the liability of the stucco cracking is reduced to a minimum.

The price of lumber is rapidly advancing and the desire for fireproof exteriors, especially in the suburban districts as well as artistic effects that may be obtained from stucco are creating a universal demand for this type of construction and while the initial cost may be slightly more it is such a small part of the total outlay and such an important part of the structure that the best is the cheapest in the end.

HOW THE SUN AFFECTS BRICKS.

Draining Power of the Planet Pulls Tower Out of Plumb Says Expert.

Everything in nature is more or less affected by the rays of the sun, from the articles of material which compose the surface of the earth and the tiniest blade of grass up to the finest specimens of man or woman, in fact, all creation is indebted for its existence to this marvelous orb of day, writes Owen B. Naginnis an expert on sunshine.

In the primitive days brick were molded by hand to the shape desired and then baked hard by the action of the air and sun but this has long been superseded by the intense heat of the drier and kiln, making the process more rapid. However, the intent and purpose of this article is to inquire into the effect of the sun on brick when laid in walls, chimneys, etc. Have you ever observed the condition of the ordinary brick chimneys which project above the roofs of frame or brick houses? These comparatively humble details of modern architecture play a part in the promotion of human happiness which has never been appreciated, except by those initiated into the science of building construction; yet they are just as indispensable as any other part of the component details of a building. The sun, however, like all other elements, constantly existent, either improves or injures

anything exposed to its influence, and the effect of its rays on these, the uppermost parts of buildings, is most deleterious and baleful, for the following reasons:

Let us briefly trace the course of the sun in its daily orbit. Commencing in the east it rises above the horizon and, its rays gradually passing from a horizontal to an oblique direction immediately commence to exert a heating and absorptive influence on all things terrestrial, and brickwork is in the natural order subject to this influence. Presuming that the sun's rays have been without diminution or lack of power for even one day, it is safe to infer that it has altered the condition of everything on earth to a greater or less degree, and so it likewise affects brickwork as we will endeavor to explain. The sun's orbit is from east to west, and its course is in a southerly oblique direction, so that its rays are continually concentrated on all objects having an easterly, westerly and southerly exposure, and it is here we have the effect it has on such simple details as chimneys, etc. The observer will note that all hollow chimneys of such thickness as four, eight or twelve inches of brickwork and ranging in height from two to twelve feet, are invariably out of plumb, and camber or bend towards the west if their widest elevation is thus exposed, or to the south if the elevation be thus, or to be more explicit, houses, the front elevation of which run east and west and have their chimneys at right angles to the front or street line always bend to the north and those having their front elevations directly north and south bend to the west, the reason being that the side removed from the action of the sun's rays is cool, and contracted, and the drawing power tends to make the mass bulge and expand to the east and south and contract to the west and north, also to lean out of plumb, the tops overhanging in a westerly and northerly direction.

The shell of ordinary domestic chimneys being very thin, it follows that there is, on account of the flues, hollow spaces in the section. There is no mass strong enough to resist successfully the tremendous influence of the rays or the counteracting influence of the cold, which according to the laws of expansion and contraction must of necessity change the form of the brickwork. As cold contracts all materials and heat expands, then it follows that the north and west sides of the chimneys, or rather surfaces, being continuously cold, and in the winter or cold seasons being extremely cold, the contraction is in proportion to the extent of the lowness of the temperature. From this it can be assumed that every form of construction changes its shape to a more or less degree according to its ability to resist the influence exerted. Masses of brickwork of whatever thickness they may be, are compelled to yield to the forces acting on them and it is not uncommon to see, in northern latitudes, such details as belfries, isolated towers, pinnacles, turrets, piers, etc., overhanging and out of plumb in the direction as heretofore described.

As to the influence of the sun on the surface of brickwork of extensive area such as gable walls, elevations or tall smoke stacks, it is to be said that it is in these cases that its effects are most

perceptible and frequently dangerous, for the reason that, as the attraction is in direct proportion to the area exposed, its power will be more active and deleterious on large, than small, areas.

To illustrate this we will give an example. During the winter months, the sun in northern latitudes has little or no absorptive and expansive power, and brick work constructed in this season of the year will remain firm during the continuance of cold weather, but when spring arrives and the heat of the sun becomes active and dominant it will work havoc. It must be remembered that while the cold weather lasted both sides of the wall or walls were subject to the same temperature, before the building was enclosed or any kind of artificial heat introduced within its walls, but in spring and summer the sun's rays spread daily unrelentingly over the outside surface, gradually and slowly expanding and drawing the mass towards itself so that the wall being tied only by bonding or anchoring at the edges or corners becomes warped, bulged, out of plumb and generally distorted. This is much more evident when the brickwork is laid in cold, frosty, or snowy weather, as the porosity of the bricks in their minute perforations having absorbed frost to a great degree will expand, not to mention the expansion of water in the mortar, which has not yet dried out but has remained dormant in the form of ice all through the winter. It has been proved that beam anchors have not sufficient strength to resist the bulging or warping of walls.

It is therefore a rational conclusion that the side unexposed to the sun would retain its original condition, while that on which the rays of the sun beat must expand and increase its superficial area in proportion to the extent of the expansion and such a wall will become out of plumb and unsafe.

The same inference might be drawn in regard to structures of great height or width such as the plain surfaces of lofty office or apartment buildings, smokestacks, etc., especially if the latter be of a square or horizontal construction. On this account the use of a circular, horizontal or octagonal section is now almost universal for smokestacks of great height, this being the safest for resisting all solar and climatic influences.

The question of mortar enters largely into the consideration of the permanent stability of brickwork, in every condition, and it must be admitted that the introduction and use of Portland cement as an ingredient has done much to offset the evils which were formerly so prevalent in lime mortar, for not only does it give greater adhesion and density, but also greater imperviousness, thus preventing early damage or decay.

In conclusion it might be said that the method and value of good workmanship helps to regulate, to a certain extent, the result of the sun's damaging action, good workmanship with first class materials, doing much to offset the injurious effect of the sun's rays. Even then some changes will take place during the lapse of time, but if walls be well anchored and braced, the change is so slight as to be of no serious consequence.

ABOUT REMOVING FRAMES.

The concrete builder is always anxious to know the approximate time for removing forms. A month or so ago we offered some suggestions for this practice and the Building Age offers the following:

As a guide to practice in concrete work, the following rules are suggested:

Walls in Mass Work: One to three days or until the concrete will bear pressure of the thumb without indentation.

Thin Walls: In summer, two days; in cold weather, five days.

Column Forms: In summer, two days; cold weather, four days, provided girders are shored to prevent appreciable weight reaching columns.

Slabs up to 7-ft. Span: In summer, six days; in cold weather, two weeks.

Beams and Girder Sides: In summer, six days; in cold weather, two weeks.

Beam and Girder Bottoms and Long Span Slabs: In summer, ten days or two weeks; in cold weather, three weeks to one month. Time to vary with the conditions.

Arches: If not small size, one week; large arches with heavy dead load, one month.

All these times are, of course, simply approximate; the exact time varying with temperature and moisture of the air and the character of the construction. Even in summer, during a damp, cloudy period, wall forms cannot be removed inside of five days, with other members in the same proportion. Occasionally, too, batches of concrete will set abnormally slow, either because of slow setting cement or impurities in the sand, and the foreman and inspector must watch very carefully to see that the forms are not removed too soon. Trial with a pick may help to determine the right time.

In removing forms, one large bulldozer requires that a 20-penny spike driven into the concrete must double up before it has penetrated one inch.

ENGINEERING IN THE ALPS.

Work is going on at present upon a tunnel through the mountains between France and Switzerland in order to give a more direct railroad connection. What is remarkable in this case is that unusually large quantities of water were met with, and the piping which had been laid in the tunnel was not sufficient to take care of the great outflow from the underground springs, so that the tunnel was flooded up to two feet height and quite a large cascade flowed out at the entrance. This also caused the neighboring springs to fail more or less. The somewhat curious result follows that an output of 100 to 250 gallons per second will be taken away from the basin of the Rhone or the French region and is now to be added to the Rhine basin in the Swiss region and thence to German territory. Owing to this unforeseen event, the expense of the work will be increased to a great extent, and the cost of the tunnel, reckoned at first at \$3,500,000, will now be at least tripled. It is stated that but little previous work was done in the way of geological survey, and this is now regretted. In fact, the accident occurred exactly at the point predicted by M. Fournier, professor of geology at the Besancon university, according to his examination of the geological conditions of the tunnel region.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 7-story and base, brick and steel, \$55,000. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, W. B. G. This building has been mentioned here before when plans were first started. Working drawings have been completed and figures are now being taken. The structure will be erected on Sutter street west of Powell, and will contain a number of two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and hardwood. Cement will be used in the bath rooms. There will be steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with pressed brick and cement plaster.

SAN FRANCISCO—Apartment house, 3-story and base, frame. Cost not stated. Architects, H. Gelfuss & Son, 46 Kearny St., S. F. Owner's name withheld. The building will be erected in the Western Addition and will contain six suites of four rooms and bath. Interiors will be finished in pine with some elm panels. There will be a central heating system and wall beds. Bath rooms will have Keene's cement plaster on the walls. Exterior of the building will be covered with cement plaster, rustic and klinker brick veneer. Plans are being prepared.

SAN FRANCISCO—Apartment house, 3-story and base, frame, \$15,000. Architects, H. Gelfuss & Son, 46 Kearny St., S. F. Owner's name withheld. The building will be designed to contain twelve suites of two and three rooms each. All apartments will have private bath rooms and will be equipped with wall beds. Interior finish will be of pine with some elm panels. There will be a central heating elevator. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be covered with cement plaster, klinker brick veneer and rustic. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 9-story and base. Class A construction, \$500,000. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, Burlingame Court Investment Co. This building is to be erected at the corner of Sacramento and Mason streets, and when completed will be one of the largest and the most handsomely finished apartment houses in the west. The building will be arranged for suites, six, seven and eight rooms each, which have already been planned to high-class tenants. Each suite will be finished to meet the special taste of the occupant, and plans provide for many unique features. There will be a steam heating system, water cooling system, vacuum cleaning, elevators, dumb waiters. Construction will be fireproof throughout with a complete steel frame. Exterior will be faced with pressed brick and terra cotta. Plans are complete and a preliminary estimate is now being made.

SAN FRANCISCO—Apartment house, 3-story and base, frame, \$5,000. Architect, none. Owner, F. C. Cook, 983 14th

St., S. F. The present frame building will be altered and additions made so as to provide for five three-room suites with baths. The work will require new plumbing, electric work, plastering and interior trim. Wall beds are specified. The exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3-story and base, frame, \$11,000. Architect, Charles J. Rousseau, Monadnock Bldg., S. F. Owner, John Fletcher. This building will be erected on Fell street west of Pierce and will cover an area of 25x137½ feet. Plans provide for six suites of four rooms and bath each. All suites will have wall beds. Interior finish will be of pine and hardwood. There will be a central heating system and hot water plant. Bath rooms will be finished in cement plaster. The exterior of the building will be covered with cement plaster and brick veneer. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3-story and base. Class C construction. Cost not stated. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mr. Schmiedel. The property at the corner of Post and Leavenworth streets is about to be improved by the construction of a modern apartment house. Interior will be arranged for two, three and four room suites, which will have private bath rooms and wall beds. There will be steam heat, elevator service, a vacuum cleaning system and dumb waiters. Bath rooms will be finished in tile and will have cement floors. Interior finish will be of pine and hardwood. A large lobby will be a feature of the building and it will be finished in hardwoods with ornamental plaster. The exterior of the building will probably be faced with pressed brick. Plans are being prepared.

OAKLAND, CAL.—Apartment house, 2-story and base, frame, \$17,000. Architect, M. I. Diggs, 944 Bowditch St., Berkeley. Owner, W. J. Schmidt. The building will be erected at the corner of 35th and Telegraph avenue, and will be arranged for stores on the first floor and a number of two and three-room suites on the upper floor. Interior finish will be of pine throughout. All apartments will have connecting bath rooms and wall beds. The exterior of the building will be covered with cement plaster. Some marble wainscot will be used. Plans are complete and figures are being taken.

PORTLAND, ORE.—Apartment house, 4-story and base, brick and steel, \$65,000. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owner, A. C. Callan. The building is to be erected in Portland Heights and will cover an area of 60x90 feet. Each of the four floors will be subdivided into three modern apartments with wall beds and private baths. Interiors will be finished in pine and hardwood. Plans provide for steam heat, automatic elevators, dumb waiters and a vacuum cleaning system. Main en-

trance and lobby will be finished in marble, ornamental plaster and hardwoods. Baths will have tile wainscot and tile floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Apartment house, 3-story and base, brick. Cost not stated. Architect, Western Building Co., Lankershim Bldg., L. A. Owner, G. A. Thiele, 1129 Trenton St., L. A. The building will have a street frontage of 40 feet and a depth of 130 feet. Interior will be arranged for 65 rooms, divided into two and three room suites. All apartments will have private bath rooms and will be equipped with wall beds. Plans include steam heat, an automatic elevator and vacuum cleaning system. Interior finish will be of pine and hardwoods. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the owner.

LOS ANGELES, CAL.—Apartment house, 4-story and base, brick and steel. Cost not stated. Architect, Arthur G. Lindley, I. W. Hellman Bldg., L. A. Owners, Los Angeles Securities Co. The building will be erected on a corner site and will cover an area of 73x128 feet. Plans provide for a total of 140 rooms, which will be arranged in two and three room suites with baths and wall beds. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 and 4 story, brick and steel. Cost not stated. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, Richard Webb. The building will cover an area of 50x95 feet. Interior will contain 65 rooms arranged in suites of two and three rooms each with baths and wall beds. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. Plans provide for elevator service, steam heat and a vacuum cleaning system. Entrance will be finished in tile and marble. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

SEATTLE, WASH.—Apartment house, 6-story and base, reinforced concrete, \$325,000. Architect, James H. Shack, T. S. Lippy Bldg., Seattle. Owner, Bogue Brown. The building will be erected on 6th avenue between Pike and Pine streets, and will have a frontage on the avenue of 120 feet and will extend back 180 feet. Construction will be fireproof throughout with reinforced concrete floors, walls and roof. Interior partitions will be of hollow tile and metal lath and plaster. The first floor will be arranged for stores and the entrance and lobby of the apartment house. Each of the upper five floors will be divided into 25 suites of two rooms each and five suites of three rooms. Mechanical equipment will embrace steam heat, elevator service, vacuum cleaning system and a water cooling plant. Interior finish will be of pine and hardwoods. Marble and tile will be used extensively. All suites will have wall beds and private baths.

Exterior of the building will be faced with cement plaster. Plans are to be completed at once and construction will be started this summer.

PORTLAND, ORE.—Apartment house, 4 story and base, reinforced concrete, \$50,000. Architect, J. S. Atkins, Henry Bldg., Portland. Owner, M. J. Buell. The building will cover an area of 48x140 feet. There will be a number of two and three room suites with wall beds and private bath rooms. Plans include steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine and hardwood with some ornamental plaster used in the amusement room. Exterior of the building will be faced with cement plaster. Bath rooms will be finished in tile with cement floors. Plans are complete and figures are being taken for the work.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 7 story and base, reinforced concrete, \$125,000. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, Edward Tisnerat. Contractors, Dutro-Wren Construction Co., 10 American Ave., Long Beach. Contract price, \$125,000.

BANKS.

SAN LEANDRO, ALAMEDA CO., CAL.—Bank, 2 story and base, concrete and stone, \$50,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Bank of San Leandro. The building will be erected at the corner of Haywards and Estudillo streets and will cover a considerable ground area. Design is in the classic style with exterior faced with cut stone. The entire first floor will be arranged for the banking rooms, public space and private offices. Upper floor will contain a number of modern offices. Interior finish will be of hardwoods, marble and tile. Ornamental plaster and ornamental iron and bronze will also be used. Special vaults are specified. Plans are complete and figures are now being taken.

REDONDO BEACH, LOS ANGELES CO., CAL.—Bank and offices, 2 story and base. Class A construction. Cost not stated. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers' and Merchants' National Bank of Redondo. The building will be erected at one of the important corners. The entire first floor is to be occupied by the bank. Second floor will be arranged for a number of offices. Interior finish of the first floor will be of hardwood, marble, tile and ornamental plaster and bronze. Upper floor will be finished in pine and hardwood. Construction will be of the reinforced concrete type and fireproof throughout. Special bank fixtures, bank vaults and safe deposit vaults will be installed. Exterior of the building will be faced with matt glazed terra cotta. Plans are being prepared.

BURBANK, LOS ANGELES CO., CAL.—Bank, 1 story and base, brick. Cost not stated. Architects, Krenpel & Erkes, Henne Bldg., L. A. Owners, Farmers' and Merchants' National Bank. The building will be designed in the classic style and will cover an area of 26x60 feet. The entire structure will be devoted to the use of the bank. Interior will be finished in hardwoods and marble. Reinforced concrete vaults will be constructed. The exterior of the building will be

faced with glazed terra cotta. Plans are being prepared.

SEATTLE, WASH.—Bank, 3 story and base, brick and stone. Cost not stated. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Broadway State Bank. The building will be erected at the corner of Broadway and East Pike street, and will cover an area of 34x52 feet. Interior of the first floor will be divided into public space, work space, private offices and vault rooms. Upper floors will be arranged for president's office and directors' rooms. Interior finish will be of hardwood, marble, tile and ornamental plaster and bronze. There will be steam heat and a vacuum cleaning system. Special vaults will be constructed. The exterior of the building will be faced with pressed brick. Bids will be called for about the first of June.

CASTLE ROCK, WASH.—Bank, 2 story and base, brick and concrete, \$35,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Castle Rock Bank. The building will be erected on a corner lot and is of the classic design. The first floor will be fitted up for the banking rooms and will be handsomely finished in tile, marble and hardwoods. Concrete vaults will be constructed. Upper floor will be arranged for offices. There will be a central heating system. The exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

BRIDGES AND DAMS.

CEDAR RIVER, WASH.—Masonry dam, \$1,500,000. Engineer, City Engineer Dimock, Seattle. Owners, City of Seattle. Plans and specifications have been approved and bids will be opened on June 13th for the construction of the Cedar River Gravity Dam. Plans and specifications may be secured from the Board of Public Works. The structure, on which about \$400,000 has already been expended by force account under the supervision of City Engineer Dimock, will cost about \$1,500,000, the part to be constructed under this call for bids costing \$1,000,000. The specifications call for the construction of a masonry dam 200 feet high, 800 feet long, 200 feet wide at the bottom and 15 feet wide at the top and containing about 150,000 cubic yards of concrete. The work also includes the construction of an outlet tunnel about 1600 feet long, and 11 feet in diameter, inside dimension, also of concrete construction. The elevation under this contract will be 1550 feet to be developed later to an elevation of 1600 feet at an additional cost of about \$300,000.

COURT HOUSES.

MODESTO, STANISLAUS CO., CAL.—Court house alterations, brick construction, \$15,000. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Stanislaus County. Plans for extensive alterations to the old court house building have been completed and bids are now being taken. The work will include considerable exterior alteration as well as interior rearrangement of offices, new plastering, plumbing and electric work and painting. Steam heat will be installed. The exterior of the building will be faced

with pressed brick and cement plaster. Bids will be opened on July 20th. Plans can be secured from the architect.

SAN FRANCISCO—Structural steel for City Hall, \$1,500,000. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids will be opened on June 11th by the Board of Public Works for furnishing and fabricating the structural steel for the new City Hall. A clause in the proposal requiring the eight hour law and \$3 wage scale, is causing protests from the local bidders who wish to be assured that eastern firms will be held to the same requirements. The official proposal appears in another column of this issue. The contract will call for about 7,000 tons of fabricated material.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Stable, 1 story, brick and steel, \$12,500. Architect, none. Owner, Ernest Hoover, 520 Eddy St., S. F. The building will be erected on 11th street south of Market and will cover an area of 100x205 feet. A cement floor will be used except in the stalls, which will be planked. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who is now doing the work by Day Labor. He is in the market for all kinds of materials.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$10,000. Architects, Salfeld & Kohlberg, Clunie Bldg., S. F. Owner, Charles Ellis. The building will be erected at the southwest corner of Lake street and 11th Avenue, and will cover an area of 32½x45 feet. Interior has been arranged for six modern flats of four and five rooms each with bath. Interior finish will be of pine with some hardwood floors and panels. There will be open fire places and tile or brick mantels. Bath rooms will be finished in cement plaster on metal bath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,750. Architect, L. Traverso, 554 Union St., S. F. Owner, E. Ratto. The building will be erected on Jasper Place and will contain three flats of five and six rooms each with bath. Interior finish will be of pine throughout. There will be gas grates and tile mantels. Tile will be used in the bath rooms and kitchens. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now purchasing all materials.

GOVERNMENT WORK AND SUPPLIES.

Panama Canal Commission.

The time is rapidly approaching, if it did not arrive some time since, for the recall of the Panama Canal Commission. It is understood that Colonel Goethals has been for some time desirous that a change in administration in the Canal Zone shall be made. The work hitherto devolving on the commission was completed, to all practical purposes, two years ago. In that period the commission has had but

one meeting. Some of the representatives and senators who have visited the Isthmus believe it would be in the interest of economy and efficiency to recall the members of the commission, retaining Colonel Goethals as chief engineer to superintend the finishing touches and as governor of the Canal Zone. It is understood that the members of the commission are desirous of staying on the Isthmus until the formal opening of the canal in 1915, but the legislators who have looked into the situation believe that the extra compensation above service pay received by the members of the commission could be saved. The remainder of the work on the canal is nerve-racking enough, because it represents the rush and turmoil of getting the dock completed at a given date, but the real engineering and construction problems have been solved, and there is nothing more to be done by the heads of departments who have served under Colonel Goethals. It is estimated that the only problem now to be faced in the Canal Zone is the organizing and training of the force of 2,600 men required for the permanent maintenance and operation of the completed canal, and Colonel Goethals estimates that steps toward that organization should be taken at once, with the idea of having everything in readiness by January 1, 1915, the date fixed by Colonel Goethals as that for the formal opening of the canal.

Grand Junction, Colo., Public Building.

All bids received by the supervising architect for the construction, complete, of the U. S. public building at Grand Junction, Colo., have been rejected.

Electric System, Fort Mason.

The contract for the installation of an electric-light system at Fort Mason, Cal., has been awarded to the Newberry-Bendheim Electric Co., of San Francisco, Cal., at \$15,700; time, 140 days.

Wire Fence, Fort Russell.

The bid of Wilseck & Inman, \$750 in amount, has been accepted for furnishing 12,550 lineal feet barbed wire fence at Fort D. A. Russell, Wyo.; delivery to be made in 30 days.

Reclamation Canal.

The Reclamation Service is asking for proposals for earthwork on the first five miles of the main canal, Grand Valley project, Colo. This work involves the excavation of approximately 365,000 cubic yards of material and is situated near the main line of the Denver & Rio Grande and Colorado Midland Railways and between two and seven miles northeast of Palisade, Colo. The bids will be opened on June 2 at the office of the U. S. Reclamation Service, Grand Junction, Colo.

Salem, Indiana School.

The following bids were received by the Commissioner of Indian Affairs, Washington, D. C., for the construction of a brick industrial building at the Salem Indian School, Ore.:

Item 1, for the building, complete; 2, omitting stud cross partition and substituting 9-inch brick wall; 3, omitting steam heating system.

John Almeter, Portland, Ore., Item 1, \$7,034; 2, \$7,184; 3, \$6,434.

R. A. Erixon, Salem, Ore., Item 1, \$1,070; 2, \$4,643; 3, \$4,019.

W. D. Lovell, Minneapolis, Minn., Item 1, \$5,300; 2, add \$150; 3, deduct \$600.

Denison & McLaren, Salem, Ore., Item 1, \$5,360.80; 2, \$5,560.80.

Southwick & Headrick, Salem, Ore., Item 1, \$4,734.13; 2, \$4,900; 3, \$4,137.14.

W. D. Pugh, Salem, Ore., Item 1, \$5,100; 2, \$5,172; 3, \$4,493.

Dredging, Oakland Harbor.

Bids were opened by the U. S. engineer, San Francisco, Cal., for dredging about 1,038,450 cubic yards from Oakland Harbor, Cal., as follows:

Standard American Dredging Co., Merchants Exchange Bldg., San Francisco, Cal., 151-3c.

San Francisco Bridge Co., Nevada Bank Bldg., San Francisco, Cal., 12.8c.

N. R. Harris, 21 California street, San Francisco, Cal., 13.45c.

Puget Sound, Traveling Cranes.

The chief of the bureau of yards and docks, Navy Department, Washington, D. C., received the following bids for furnishing four electric traveling bridge cranes and two electric traveling wall cranes for the general foundry, navy yard, Puget Sound, Wash.:

Item 1, price for six cranes, complete; 2, price for six cranes, complete, in accordance with the spirit of the plans and specifications with such modifications of methods and details as may be desired.

Northern Engineering Works, 2 South Cherie street, Detroit, Mich., Item 1, \$27,650.

Niles-Bement-Pond Co., 111 Broadway, New York City, item 2, \$28,700.

Pearl Harbor Towers.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing two coal hoisting towers at the naval station, Pearl Harbor, H. T.:

Item 1, price for one tower, complete; 2, price for two towers, complete.

Robbins Conveyor Belt Co., 13 Park Row, New York city, item 1, \$41,000; 2, \$75,000.

McMyler Interstate Co., Bedford, O., item 2, \$99,200.

C. W. Hunt Co., West New Brighton, N. Y., item 1, \$38,700; alternate, add, \$3,700; 2, \$70,500; alternate, add, \$7,100.

Mead-Morrison Manufacturing Co., 149 Broadway, New York city, item 1, \$75,058 and \$60,480; 2, \$116,498 and \$94,650; deduct \$1,800 for each grab bucket deducted.

Exeter Machine Works, West Pittston, Pa., item 1, including three grab buckets, \$45,200; 2, including six grab buckets, \$84,750; deduct \$1,720 for each grab bucket not desired.

Cement, Portland, Ore.

The following bids were opened by the U. S. engineer, Portland, Ore., for furnishing 100,000 barrels Portland cement:

Union Portland Cement Co., Ogden, Utah, f. o. b. mill, \$1.45; Red Devil sacks, 10c.

Three Forks Portland Cement Co., Ogden, Utah, f. o. b. mill, \$1.55; Red Devil sacks, 10c.

F. P. Crowe & Co., Portland, Ore., f. o. b. Celilo, Ore., \$2.54; manufactured at Davenport, Cal.; sacks, \$10c, or Stand-

ard brand manufactured at Napa Junction, Cal., sacks, 10c.

Riverside Portland Cement Co., Riverside, Cal., f. o. b. Celilo, Riverside brand, sacks, 10c.

The following firms have applied for plans and specifications for the work at Pocatello, Idaho. Bids will be opened on May 28.

Hiram Lloyd Building and Construction Co., St. Louis, Mo.

D. T. McCarthy, 411 Walnut street, Philadelphia, Pa.

K. E. Deering, Portland, Ore.

Campbell Building Co., Salt Lake City, Utah.

M. Yeager & Son, Baum Bldg., Danville, Ill.

King Lumber Co., Charlottesville, Va.

Misho & Grant, Globe Bldg., Seattle, Wash.

Wm. H. Maxwell, Auburn, Ind.

F. S. Pal 11915, Bl

F. P. Salih, 519 Overland Bldg., Boise, Idaho.

Palmberg & Mattson, Astoria, Ore.

E. Ralph Evans, Cooding, Idaho.

J. H. Wiese, Omaha, Neb.

Whiteway-Lee Construction Co., Boise, Idaho.

HALLS AND SOCIETY BUILDINGS.

SAN FRANCISCO — Hall, 1 story, frame, \$3,000. Architect, none. Owners, Richmond Park Improvement Club, 674 8th avenue. The building has been designed for a meeting place and will cover an area of 30x75 feet. Interior will be finished in pine throughout. The exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Auditorium, steel. Cost not stated. Architects, Palmer & Hornbostel, New York, associated with J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids opened on Thursday last for the structural steel for the \$500,000 auditorium building show Dyer Bros. of San Francisco low at \$177,000. A complete list of the figures submitted both for all work and unit prices appears under the heading of Oakland and Alameda County in this issue.

REDWOOD CITY, SAN MATEO CO., CAL.—Lodge hall, 2 story and base, frame, \$15,000. Architects, Warren Skilling and Le Baron R. Olive, associated, Garden City Bank Bldg., San Jose. Owners, Foresters of America. The building will be designed for the exclusive use of the order and will contain a large dance hall, banquet room, meeting rooms and offices of the organization. Interior will be finished in pine and hardwood. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on May 21st.

RIVERSIDE, RIVERSIDE CO., CAL.—Lodge hall, 3 story and base, brick and steel, \$80,000. Architects, S. I. Gilliar and Welmer P. Lamar, Crescent Bldg., Riverside. Owners, Riverside Elks' Hall Association. The building will be erected at the corner of Market and Whittier Place, and will cover a large area. The first floor will contain the entrance and lobby, finished

HOTELS.

In marble and tile besides a large library, billiard room, parlors and offices, which will be finished in oak. A large auditorium with a gallery seating 500 people will occupy the second floor. Third floor will be arranged for lodge rooms, eight single rooms and ten apartments. Plans also provide for a roof garden. The basement of the building will contain a banquet hall, cafe and gymnasium. There will be steam heat, elevator service, a vacuum cleaning plant and hot water system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

LOS ANGELES, CAL.—Lodge hall, 4 story and base. Class B construction, \$75,000. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Knights of Columbus. The building will cover an area of 62½x160 feet. The first and second floors will be devoted to the auditorium with completely equipped stage, gallery and lounging rooms. The third floor will contain lodge rooms, parlors, dining room and kitchen. The fourth floor will be subdivided into apartments for the members. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a vacuum cleaning system. A large and well equipped gymnasium will occupy the basement. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and bids are being taken for the work.

LOS ANGELES, CAL.—Lodge hall, 2 story and base, brick and steel. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Westlake Masonic Lodge Association. This work has been mentioned here before when plans were first started. Working drawings are nearly complete and bids will be called for shortly. The building will cover an area of 40x95 feet. The first floor will contain a banquet room and ball room, basement several large club rooms, and the lodge rooms will occupy the second floor. Interior finish will be of pine and hardwood. A central heating system will be installed. Exterior of the building will be faced with pressed brick.

Contracts Awarded.

ROSEBURG, ORE.—Lodge hall, 2 story and base, brick and steel, \$31,000. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, Roseburg Elks' Hall Association. Contractors, W. C. Arthur & Sons, Lumber Exchange Bldg., Portland. Contract price, \$31,000.

HOSPITALS.

SAN FRANCISCO.—Hospital wiring and conduit system. Cost not stated. Architect, Supervising Superintendent Roberts, Post Office Bldg., S. F. Owners, United States Government. Plans and specifications for the rearrangement of the conduit system and rewiring in the United States Marine Hospital building have been completed and bids are now being taken. Figures will be opened by Mr. Roberts on June 5th. Plans can be secured from Supervising Superintendent Roberts in this city. The official proposal appears in this issue.

SAN FRANCISCO.—Hotel, 3 story and base, reinforced concrete, \$15,000. Architect, Joseph Cahen, 45 Kearny St., S. P. Owner, J. Rudee. The building will be erected on 4th street north of Polson street, and will be arranged for stores and the hotel entrance on the first floor. Upper two floors will contain about sixty guest rooms and several baths. Interior finish will be of pine throughout. There will be hot and cold running water in all rooms. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken by the architect.

SAN FRANCISCO.—Hotel, 4 story and base, brick and steel, \$30,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner Eisenbach Co. The building will be erected at the corner of Sacramento and Stockton streets, and will contain three stores besides the hotel entrance and lobby on the first floor. Upper floors will be arranged for sixty guest rooms and ten baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will be finished in cement plaster. The exterior of the building will be faced with cement plaster and pressed brick. Plans are now being prepared.

SAN FRANCISCO.—Hotel, 3 story and base, brick, \$20,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building will be erected on a lot adjoining a four-story hotel building, plans for which are being prepared by the same architects. The building will contain in the neighborhood of thirty guest rooms and several baths. All rooms will have steam heat and hot and cold running water. Interior finish will be of pine. The exterior of the building will probably be faced with cement plaster. Plans are being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Hotel alterations, brick construction, \$10,000. Architect, A. L. Phillips, Hotel Stockton. Owner, Mrs. Carrie Bishop. This work will include considerable structural iron, new plastering, plumbing and painting. Wall beds will be installed. Interior finish will be of pine. Some marble work is also specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SEATTLE, WASH.—Hotel, 4 story and base, brick and steel, \$70,000. Architect, A. Wickersham, Lyon Bldg., Seattle. Owners, Yesler Estate. This building will be erected at the corner of Yesler Way and Post street and will cover a large area. The building has been designed for a commercial hotel with stores on the first floor besides a barber shop, cafe and hotel offices and lobby. Upper floors will contain in the neighborhood of 150 guest rooms about half of which will have private baths. There will be steam heat, elevator service, a hot water plant and vacuum cleaning system. Interior finish will be of pine and hardwood with ornamental plaster used in the lobby and offices. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

TACOMA, WASH.—Hotel, 16 story and base. Class A construction, \$600,000. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners,

National Realty Co., L. D. Pratt, President. This building will be erected at the corner of 12th avenue and Pacific street and will contain a total of 250 rooms, all of which will have connecting baths. Construction will be fireproof throughout. Working drawings have just been started and it will be sometime before bids are called. Further mention of the work will be made in these columns.

LIBRARIES.

WATT'S, LOS ANGELES CO., CAL.—Library, 1 story and part base, brick, \$10,000. Architect, Elmore R. Jeffery, Citizens' National Bank Bldg., L. A. Owners, Town of Watts. The building will cover an area of 70x30 feet and will be designed in the classic style. There will be two main readings rooms and a stack room. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick trimmed with artificial stone. A central heating system will be installed. Plans are being prepared.

PANAMA-PACIFIC EXPOSITION WORK.

SAN FRANCISCO.—Transportation building, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of the Transportation Building are now out for figures. The building will be erected in the Exhibit Section of the Harbor View site. Bids will be opened on May 27th. Separate bids are being taken for the general construction and for the installation of plumbing, water and sewer pipes. Plans can be secured from the Director of Works. Official proposal appears in this issue.

SAN FRANCISCO.—Exposition work, lath, Manufactures Building and plumbing on same. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened on Tuesday last by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. for three different jobs. The Gordon Construction Co. were awarded the contract for constructing a lath house in Tennessee Hollow at \$1,995. McLeran & Peterson were low for the general construction of the Manufactures Building at \$217,000, and J. Doherty was low for the plumbing work on the same building at \$19,630. Wittan-Lyman Co. were also very close bidders on the plumbing at \$19,811. A complete list of these figures appears in this issue under the heading of San Francisco.

POST OFFICES.

GRAND JUNCTION, COLO.—Post Office, 2 story and base, fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. This building has been out for figures previously, but all bids were rejected. New figures are now being called for and will be opened on June 24th. The structure will cover an area of approximately 5,600 square feet and will be fireproof

throughout except roof and ceilings. There will be steam heating, modern plumbing and hardwood interior finish. Exterior of the building will be faced with stucco, stone and marble. Plans can be secured from the Supervising Architect at Washington, D. C., or from the custodian of the site at Grand Junction. Official proposal appears in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SPOKANE, WASH.—Depot, 2 story and base. Class A construction. Cost not stated. Engineer, J. R. Holman, care of O.-W. Ry. and N. Co., Seattle. Owners, Oregon-Washington Railroad and Navigation Co. and the C. M. and P. S. Ry. Co. A union depot is to be erected by the two above named railroads in Spokane, and it is stated that plans are complete and have been approved. Engineer Holman of Seattle will soon issue a call for bids.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on 10th avenue north of Fulton street, and will contain seven rooms and bath. Interior finish will be of pine throughout with hardwood floors in the living rooms, dining room and reception hall. Bath room will have tile wainscot. There will be a large open fire place in the living room with brick or tile mantel. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are in the hands of the owner and he will construct the building by Day Labor.

SAN FRANCISCO—Bungalow, 1 story and base, frame, \$2,500. Architect, none. Owners, Homeland Building Co., Merchants' Exchange Bldg., S. F. The house will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 4, 2 story and base, frame, \$3,500 each. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owners, Empire Land Co., Mills Bldg., S. F. These dwellings will be erected on 24th avenue north of Kirkham street. Each has been designed to contain seven rooms and bath. Interiors will be finished in pine with some elm panels and hardwood floors. There will be open fire places and brick or tile mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and metal lath and plaster. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,000. Architect, C. H. Miller, Foxcroft Bldg., S. F. Owner, Dr. R. T. Southerland. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood with hardwood floors in the principal rooms. Bath room will be

finished in cement plaster. Tile will be used in the kitchen. There will be furnace heat and open fire places. Mantels will be of tile or brick. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame \$15,000. Architect, William Knowles, Central Bank, Oakland, and Hearst Bldg., S. F. Owner, F. Hall, Key Route Inn, Oakland. This dwelling has been mentioned here before when plans were being prepared. Working drawings are now completed and work has been started by Day Labor. The dwelling will contain fifteen living rooms, several baths and sleeping porches. Interior finish will be of pine, hardwood and white enamel. Bath rooms will be finished in tile. Plans provide for furnace heat, open fire places, a vacuum cleaning system and automatic water heaters. Hardwood floors will be used in all principal rooms. The exterior of the house will be covered with cement plaster on metal lath.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architects, United Home Builders, 1762 Broadway, Oakland. Owner, George D. Slater. The house will be designed for a six-room dwelling with bath. Interior will be finished in pine and redwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Harris Allen, 2514 Hille-gass Ave., Berkeley. Owner, W. G. White. The dwelling will contain seven or eight rooms with bath and sleeping porch. All interior finish will be of pine or white enamel. Hardwood floors will be used in the principal rooms. Plans include furnace heat and open fire places. Mantels will be of brick. Bath room will be finished in cement plaster with some tile floors. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans for this work are now being prepared.

OAKLAND, CAL.—Bungalows, 30, 1 and 1½ story and base, frame dwellings, \$2,000 to \$2,500. Architect, none. Owner, G. B. Hollenbeck, 5210 Fairfax, Oakland. These houses will be erected on the Wadean Tract, and each house will be arranged for either five or six rooms and bath. Interiors will be finished in pine with hardwood floors in the living room and dining room. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, E. Massberg, 5301 Dover St., Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior fin-

ish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,250. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The house will be erected in the Northbrae Tract, and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine with hardwood floors in the principal rooms. There will be a large open fire place with brick or tile mantel in the living room. Tile will also be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

FAIR OAKS, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$50,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, William Kumpf. The dwelling will be designed for a large country home, containing fourteen living rooms, five baths and sleeping porches. A two-story frame garage with accommodations for three machines and living room above will also be erected on the site. The grounds also will be laid out in beautiful garden plots, lily ponds, pergolas and road ways. The exterior of the building will be in modern classic style. The house will contain a large living room, 20x30; dining room, 15x15; kitchen, 15x14; butler's pantry, servants' dining rooms, 12x14; breakfast room, 12x12; billiard room, 18x20; main bed room, 24x24 with boudoir adjoining, children's bed room, 15x15; three guests' rooms about 12x15; five bath rooms and three servants' rooms. The rooms will all be artistically finished in hardwoods and will be richly wall papered. Floors will be of oak. Gas and electricity will be installed also steam heat, hot water circulating system and vacuum cleaner. The exterior of the building will be faced with cement plaster. Plans for the work are now being prepared.

LAPAYETTE, CONTRA COSTA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, Harris Allen, 2514 Hille-gass Ave., Berkeley. Owner, Miss M. S. Dyer. The dwelling will contain eight rooms, bath and sleeping porch. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with clapboards. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$8,000. Architect, Edward G. Bolles, Foxcroft Bldg., S. F. Owners, S. A. Born Building Co. This dwelling will be erected

on West Clay east of 24th avenue and will contain ten rooms, baths and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in all principal rooms. Bath rooms will be finished in tile. There will be a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$6,500. Architect, Earl B. Scott, Humboldt Bank Bldg., S. E. Owner's name withheld. The dwelling will be erected in Ashbury Terrace and will contain eight rooms and bath. Interior finish will be largely of pine with some hardwood in the living and dining rooms. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residence, 3 story and base, frame, \$10,000. Architect, Edward G. Rolles, Foxcroft Bldg., S. E. Owners, S. A. Born Building Co. The house has been designed for a ten-room dwelling with three baths, and will be erected at the corner of 24th avenue and West Clay Park. Interior will be finished in pine, white enamel and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors are to be used in the principal rooms. Baths will be finished in tile with cement floors. An automatic water heater will be used. The exterior of the building will be covered with cement plaster on metal lath. Work will be started by Day Labor as soon as plans can be completed. Mr. Born will purchase all materials.

HOLLYWOOD, LOS ANGELES CO., CAL.—Residence, 2 story and base, brick. Cost not stated. Architects, Krucker & Deckbar, Ferguson Bldg., L. A. Owner, Mrs. R. Thomas. The dwelling has been designed for a fourteen-room house with sleeping porches and several baths. A brick garage will be erected on the same lot. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile with cement floors. An automatic water heater will be installed. Exterior of the dwelling and garage will be faced with pressed brick and cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, frame construction. Cost not stated. Architects, none. The following Day Labor jobs are reported about to be started in San Jose: P. E. Peterson, 452 San Fernando St., 1½ story and base, frame, \$2,500; S. G. Pelton, 445 South 3rd St., 6 room, frame cottage, \$2,000.

SEALED PROPOSALS.

PROPOSALS FOR BUILDING.

BUILDING—Office of Constructing Quartermaster, Fort D. A. Russell, Wyo.—Sealed proposals, in triplicate, for remodeling bakery building No. 266 will be received here until 11 a. m., Monday, June 2, 1913, and then opened. Information furnished on application. A deposit of five dollars (\$5) will be required to insure return of plans and specifications if removed from the office. Envelopes containing proposals should be indorsed "Proposals for Remodeling Bakery Building" and addressed to J. A. COLE, maj., Q. M. corps, constructing Q. M.

PROPOSALS FOR EARTHWORK.

EARTHWORK—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. Reclamation Service, Grand Junction, Colo., until 2 o'clock p. m., June 2, 1913, for earthwork on the first five miles of the main canal, Grand Valley project. This work involves approximately 365,000 cubic yards of material and is situated on the main line of the Denver & Rio Grande and Colorado Midland Railways and between two and seven miles northeast of Palsade, Colo. For particulars address the U. S. Reclamation Service, Grand Junction, Colo., or Washington, D. C. A. P. DAVIS, chief engineer.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals, indorsed "Proposals for Two Officers' Quarters," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., June 28, 1913, and then and there publicly opened for two officers' quarters at the naval station, Pearl Harbor, Hawaii. Amount available \$23,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station named WILLIAM M. SMITH, acting chief of bureau.

PROPOSALS FOR BUILDING.

BUILDING—Sealed proposals, indorsed "Proposals for Two Gunners' Quarters," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until 11 o'clock a. m., June 28, 1913, and then there publicly opened for two gunners' quarters at the U. S. naval magazine, Island of Kuahe, Pearl Harbor, Hawaii. Amount available, \$14,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the naval station, Honolulu, Hawaii. WILLIAM M. SMITH, acting chief of bureau.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at the Board Room No. 415, Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M., Thursday, May 22, 1913 for the Construction and Installation of Runways for Gravel and Crushed Stone, in ac-

cordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check, payable to the order of the Panama-Pacific International Exposition Company, or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which, check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, by depositing \$5.00 in cash, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 28th day of May, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Edison School Building, to be located on the westerly side of Church street, between Hill and Twenty-second streets.

Note—The work hereinbefore referred to is to be paid for out of the proceeds of the sale of School Bonds of the issue of 1904, and contract will not be made or entered into until the awarded shall have purchased or caused to be purchased, bonds to the amount of the contract, together with the estimated incidental expenses.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within one hundred and eighty (180) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$15,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposals.

Proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL,
Secretary.

BIDS WANTED FOR THE EQUIPMENT AND INSTALLATION OF THE GYMNASIA OF THE LOWELL HIGH SCHOOL AND THE GIRLS' HIGH SCHOOL.

SEALED BIDS WILL BE RECEIVED for the Equipment and Installation of the Gymnasias of the Lowell High School and the Girls' High School. Specifications may be had at the office of the undersigned.

Sealed proposals will be received at open session of the Board of Education, Wednesday, May 21, 1913, at 2 o'clock p. m. M. R. NORRIS, Acting Secretary Board of Education.

PROPOSALS FOR STEEL

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 11th day of June, 1913. The furnishing and fabricating of structural steel and iron for the New City Hall, to be located on City Property bounded by Grove, Polk and McAllister streets and Van Ness avenue.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the date of the contract to be made and entered into therefor, and completed within the time limits set forth in the specifications hereinbefore referred to.

The amount of bond for faithful performance of contract has been fixed at \$125,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the Architects of said Board, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

F. J. CHURCHILL,
Secretary.

INVITATION FOR PROPOSALS.

TREASURY DEPARTMENT—Office of the Supervising Architect, Washington, D. C., May 13, 1913—Sealed proposals will be received at this office until 3 o'clock p. m. on the 24th day of June, 1913, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior lighting fixtures, and approaches) of the United States post office at Grand Junction, Colo. The building is to be two stories high with a basement, and will have a ground area of approximately 3,600 square feet; fireproof construction, except ceiling and roof, stone or marble and stucco facing; and slate and tin roof.

Drawings and specifications may be obtained from the custodian of site at

Grand Junction, Colo., or at this office, at the discretion of the Supervising Architect.

O. WENDEROTH,
Supervising Architect.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 9, 1913—SEALED PROPOSALS will be received in this office until 3 o'clock p. m. on the 20th day of June, 1913, and then opened, for the construction complete of latrine buildings, sewage purification tanks, and connected piping at quarantine station, Honolulu, Hawaii, in accordance with the specification and the drawing. Drawing and specification may be obtained from the custodian of the station at Honolulu, Hawaii, or at this office, at the discretion of the Supervising Architect. O. WENDEROTH, Supervising Architect. (5)

SEWERS, STREET WORK AND WATER SYSTEMS.

HONOLULU, HAWAII—Latrines, sewage and purification tanks. Cost not stated. Architect, Supervising Architect, Washington, D. C. Owners, United States Government. Plans have been completed and bids are now being taken for the construction of latrines and sewage and purification tanks for the Quarantine Station at Honolulu. Bids will be opened on June 20th. Plans and specifications can be secured from the Supervising Architect, Oscar Wenderoth, Washington, D. C. The official proposal appears in another column of this issue.

SALEM, ORE.—Water system. Cost not stated. Engineers not selected. Owners, Santiam Water Co., Salem. For the purpose of supplying water from the Little North Fork of the Santiam River to Salem and other valley towns the Santiam Water Company has been organized and articles of incorporation will be filed immediately. The company is capitalized at \$300,000. The incorporators are W. E. Pierce, a capitalist of Boise, Idaho; Charles Theis, of Spokane, and John D. Turner, a Salem lawyer. The principal offices of the company will be at Salem. It is announced that the company will lay a pipe line from the Little North Fork of the Santiam to Salem and the State institutions and also supply water to Stayton, Turner, Aumsville and Sublimity.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, frame and concrete. Cost not stated. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. This building will be erected at the corner of Lombard and Jones streets, and is to be known as the Cooper School. Mr. Sawyer has only started preliminary plans and details of construction can not be given at this time. Plans are to provide for 16 class rooms and an assembly hall. Halls and stairways will be of concrete construction. Interior trim will be of pine. There will be a modern system of heating and ventilation. Exterior of the building will probably be covered with cement plaster. Bids will be taken through the office of the Board of Public Works.

SAN FRANCISCO—School, 2 story and base, brick and steel. Cost not stated. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. Mr. Pissis has just been commissioned to prepare plans

for the new school which is to be erected on Washington street west of Kearny. When completed this building will be known as the Oriental School. Plans will provide for twelve or fourteen class rooms and an assembly hall. A modern system of heating and ventilation will be installed. Interior finish will be of pine. Exterior of the building will probably be faced with pressed brick. Plans are now being prepared and when complete bids will be taken through the office of the Board of Public Works.

LOS ANGELES, CAL.—School group, 9 buildings, brick and concrete construction. Cost not stated. Architect, State Architect Woollett, Sacramento. Owners, State of California. Plans for the State Normal School which is to be erected at Los Angeles have been completed and are now in the hands of the contractors for figures. Bids will be opened in the offices of the State Board of Control on June 5th at 12 o'clock. Plans and specifications can be secured from the State Engineer at Sacramento. The official proposal appears in another column of this issue.

SAN FRANCISCO—School, 2 story and base, frame and concrete. Cost not stated. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building, which is to be known as the Edison School, will be located on the west side of Church street between Hill and 22nd streets. All halls and stairways will be of reinforced concrete. Plans provide for twelve class rooms. Interior finish will be of pine with some hardwood floors. A hot water system of heating will be installed. Exterior of the building will be covered with cement plaster and brick. Plans are complete and bids are now being taken. Bids for the general construction will be opened on May 28th. Plans can be secured from the Department of Architecture.

SANTA MONICA, LOS ANGELES CO., CAL.—School gymnasium, 2 story and base, brick. Cost not stated. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica High School District. This work has been mentioned here before. Plans provide for two separate buildings, one for the boys and one for the girls. A brick wall which is to be erected around the athletic field will also be included in this contract. Plans may be secured from the architects. Bids are now being taken and will be opened on May 28th.

Contracts Awarded.

PORTERVILLE, TULARE CO., CAL.—School, 1 story and base, brick and frame, \$24,000. Architect, F. W. Griffin, First National Bank Bldg., Porterville. Owners, Porterville School District. Contractor, C. Griffin, Fresno. Contract price, \$15,500. Other bidders on the work were: G. A. Noble, Visalia, \$15,850; Trewitt & Shields, Hanford, \$16,000; S. H. MacKen, Terra Bella, \$16,625; Graham, Lapp & Kirkpatrick, Exeter, \$17,210; C. R. Greenough, Porterville, \$17,887; Marlow & Sons, Lindsay, \$21,158.

STORES AND OFFICES.

SAN FRANCISCO—Store and restaurant, 1 story and base, frame, \$10,000. Architect, W. H. Crim, Jr., 125 Kearny St., S. F. Owner, Milton S. Eisner. The

Building will be erected at the southeast corner of Bush and Hyde streets, and will cover an area of 35x137 1/2 feet. The front portion will be occupied as a saloon and the rear for restaurant purposes. Interior will be finished in pine. The exterior of the building will be covered with cement plaster. Plans are complete and figures are now being taken.

SAN FRANCISCO—Store front alteration, brick construction, \$5,000. Architect, none. Owner, Frank P. McMan, 1199 Market street. This work will include the construction of new store fronts, new interior finish, electric work and plumbing. The exterior of the Class C building will not be changed above the first floor. Plans are complete and in the hands of the owner who will do the work by Day labor.

SAN FRANCISCO—Stores and lofts, or 4 story and base. Class C construction. Cost not stated. Architect, Henry Gelfuss, 46 Kearny St., S. F. Owner's name withheld. This building will be erected on one of the best corners of the waterfront and will have three street frontages. Plans provide for a pile foundation. Considerable structural steel will be used. Exterior walls will be faced with pressed brick. The first floor will be arranged for three stores and upper floors for light lofts or may be subdivided into rooms for offices. Interior finish will be of pine throughout. Elevator service will be installed. Plans are now being prepared for the work.

OAKLAND, CAL.—Stores, 1 story and base, brick. Cost not stated. Architect, none. Owner, P. J. Walker, Modoc Bldg., S. F. The building will be erected on Franklin street between 9th and 13th streets. There will be three stores with patent fronts and large glass windows. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. It is stated that the owner contemplates constructing an eight-story Class A building on this site at a later date. Construction will be done by Day Labor. Mr. Walker is now purchasing all materials.

OAKLAND, CAL.—Stores and offices, 1 story and base. Class A construction. Cost not stated. Architect, Benjamin McDougall, Sheldon Bldg., S. F. Owners, Carlson & Snyder. This building, which is to be erected at the corner of 15th and Broadway, has been mentioned here a number of times before. The steel work has been let and figures are now being taken for all other parts of the building. Segregated bids are being taken.

OAKLAND, CAL.—Bank and offices, 1 story and base. Class A construction. Cost not stated. Architects, L. H. Dutton & Co., Chronicle Bldg., S. F. Owners, First Trust and Savings Bank. The architect is now taking figures from three or four low men on certain alternate propositions in connection with the construction of this building. The building will be erected at the corner of 16th and San Pablo avenue. Bids on the alternate propositions were opened last Friday and a award of contract will be made this week.

LOS ANGELES, CAL.—Stores and lofts, 3 story and base, brick. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Dunn-Wright-Ames Co. The building will

cover an area of 33x77 feet and will be arranged for stores on the first floor and lofts above. Interior finish will be of pine throughout. Entrance and vestibule will be wainscoted in tile and marble. There will be metal lath partitions, metal window sash and frames and fireproof doors. Patent store fronts are specified. The exterior of the building will be faced with pressed brick. Plans are complete and ready for figures.

LOS ANGELES, CAL.—Lofts, 5 story and base, reinforced concrete. Cost not stated. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Carl Kurtz. The building will be erected on Los Angeles street between 7th and 8th streets and will cover an area of 30x136 feet. Construction will be of reinforced concrete, including walls, floors and roof slabs. There will be metal lath partitions, fireproof doors and metal window sash and frames. Interior finish will be of pine. Plans provide for elevator service, spiral chutes and sidewalk doors, lifts and lights. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LOS ANGELES, CAL.—Offices, 12 story and base. Class A construction. Cost not stated. Architect, Myron Hunt, Hibernian Bldg., L. A. Owner, H. E. Huntington. This work has been mentioned here before when plans were first started. The structure will be erected at the northwest corner of 12th and Main streets and will cover an area of 120x172 feet. Construction will be fireproof throughout with a complete steel frame, concrete floors, roof and metal interior finish. The basement and sub-basement and foundation will be constructed at once, and will be used as a substation by the Pacific Light and Power Co. Work on the superstructure will be started the first of next year. Bids will be called for shortly on the foundation work.

LOS ANGELES, CAL.—Offices, 14 story and base. Class A construction, \$500,000. Architect, A. Martin Haenke, Story Bldg., L. A. Owners, Los Angeles Home Builders. This building will be erected at the corner of 8th and Spring streets and will contain 400 modern offices. The work has been described in these columns before. Specifications include reinforced concrete floors and roof slabs, brick filler walls and glazed terra cotta facing. Interior partitions will be of metal lath and plaster and hollow tile. Lobby and corridors will be finished in marble and tile. Interior trim will be of metal and mahogany. Metal window sash and frames will be used. Separate bids will be taken on the general construction, marble and tile work, elevators, steam heating, electric wiring, etc.

PORTLAND, ORE.—Stores and offices, 8 story and base. Class A construction. Cost not stated. Architects, Doyle & Patterson, Portland. Owners, H. L. Pittcock. The building will cover the entire city block bounded by Washington, Stark, West Park and Tenth streets, and while designed for an eight-story structure, only the first three floors will be erected at the present time. Construction will be fireproof throughout. The basement and sub-basement will be occupied as a substation by the Northwestern Electric Co. Preliminary sketches were originally prepared by a San Francisco architect, and at that time the building, which was to have been of the

reinforced concrete type of construction, contained a large theatre to be used by the Hielg Theatre. Present plans include no theatre. Construction will be undertaken as soon as plans can be completed.

BAKERSFIELD, KERN CO., CAL.—Stores and offices, 2 story and base, brick, \$20,000. Architect's name not given. Owner, H. H. Fish, Bakersfield. The building will occupy a corner site and will cover an area of 65x115 feet. There will be several stores on the first floor with plate glass display windows in patent fronts. Upper floors will be arranged for offices. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Bids will be called for at once.

Contracts Awarded.

PORTLAND, ORE.—Stores and offices, 2 story and base, reinforced concrete, \$50,000. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Balfour-Guthrie Co. Contractors, Boyajohn-Anold Co., Wilcox Bldg., Portland. Contract price, \$50,000.

LOS ANGELES, CAL.—Lofts, 6 story and base, reinforced concrete, \$75,000. Architects, California Real Estate and Building Co., 631 South Spring St., L. A. Owners, California Real Estate and Building Co. Contractors, Somers & Lund, Security Bank Bldg., L. A. Contract price, \$75,000.

LOS ANGELES, CAL.—Lofts, 3 story and base, brick, \$30,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, S. W. Newmark. Contractors, Alta Planing Mill Co., 820 McGarry St., L. A. Contract price \$30,000.

THEATRES.

TURLOCK, STANISLAUS CO., CAL.—Theatre, 2 story and base, brick and steel, \$15,000. Architect, W. H. Weeks, 73 Post St., S. F. Owners, Turlock capital. This building has been mentioned here before when plans were first started. The building will contain stores and the theatre on the first floor and offices and lodge rooms on the upper floors. The main auditorium of the theatre will have a seating capacity of 750 people. Interior will be handsomely finished. A complete stage, equipment will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is now taking figures for the work.

Contracts Awarded.

SEATTLE, WASH.—Theatre, 2 story and base, reinforced concrete. Cost not stated. Architect, John Creutzer, New York Bldg., Seattle. Owner, Colonial Theatre Co. Contractors, Pearson Construction Co., New York Bldg., Seattle. Contract price not stated.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 5, 1913.—SEALED PROPOSALS will be received at this office until 3 o'clock P. M. on the 9th day of June, 1913, and then opened, for a conduit and wiring system in the United States Marine Hospital, San Francisco, Cal., in accordance with drawing and specification, copies of which may be had at this office or at the office of the Supervising Superintendent of Construction, U. S. Post Office, San Francisco, Cal., at the discretion of the Supervising Architect.

O. WENDEROOTH,
Supervising Architect. (*)

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—7 story and base, brick and steel, \$55,000. San Francisco. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owner, W. B. Grosh. This building has been mentioned here before when plans were first started. Working drawings have been completed and figures are now being taken. The structure will be erected on Sutter street west of Powell and will contain a number of two and three room suites with wall beds and private bath rooms. Interior finish will be of pine and hardwood. Cement will be used in the bath rooms. There will be steam heat, elevator service and a vacuum cleaning system. Exterior will be faced with pressed brick and cement plaster.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architects, H. Gellfuss & Son, 46 Kearny St., S. F. Owner's name withheld. The building will be erected in the Western Addition and will contain six suites of four rooms each and bath. Interiors will be finished with pine with some elm panels. There will be a central heating system and wall beds. Bath rooms will have Keene's cement plaster on the walls. Exterior of the building will be covered with cement plaster, rustic and klinker brick veneer. Plans are being prepared.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architects, H. Gellfuss & Son, 46 Kearny St., S. F. Owner's name withheld. The building will be designed to contain twelve suites of two and three rooms each. All apartments will have private bath rooms and will be equipped with wall beds. Interior finish will be of pine with some elm panels. There will be a central heating system and probably an automatic elevator. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be covered with cement plaster, klinker brick veneer and rustic. Plans are now being prepared.

APARTMENT HOUSE—9 story and base. Class A construction, \$500,000. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, Burlingame Court Investment Co. This building is to be erected at the corner of Sacramento and Mason streets, and when completed will be one of the largest and most handsomely finished apartment houses in the west. The building will be arranged for large suites, six, seven and eight rooms each, which have already been leased to high class tenants. Each suit will be finished to meet the special taste of the occupant and plans provide for many unique features. There will be a steam heating system, water cooling system, vacuum cleaning, elevators and dumb waiters. Construction will be fireproof throughout with a complete steel frame. Exterior will be faced with pressed brick and terra cotta. Plans are complete and a preliminary estimate is now being made.

APARTMENT HOUSE—3 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, F. C. Cook, 983 14th St., S. F. The present frame building will be altered and additions made so as to provide for five three-room suites with baths. The work will require new plumbing, electric work, plastering, painting and interior trim. Wall beds are specified. The exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$11,000. San Francisco. Architect, Charles J. Rousseau, Monadnock Bldg., S. F. Owner, John Fletcher. This building will be erected on Fell street west of Pierce, and will cover an area of 25x137½ feet. Plans provide for six suites of four rooms and bath each. All suites will have wall beds. Interior finish will be of pine and hardwood. There will be a central heating system and hot water plant. Bath rooms will be finished in cement plaster. The exterior of the building will be covered with cement plaster and brick veneer. Plans are complete and figures are being taken.

STABLE—1 story, brick and steel, \$12,500. San Francisco. Architect, none. Owner, Ernest Hoover, 520 Eddy St., S. F. The building will be erected on 11th street south of Market and will cover an area of 100x205 feet. A cement floor will be used except in the stalls which will be planked. Exterior of the building will be faced with pressed brick. Plans are complete and in the hands of the owner who is now doing the work by Day Labor. He is in the market for all kinds of materials.

HALL—1 story, frame, \$3,000. San Francisco. Architect, none. Owners, Richmond Park Improvement Club, 674 8th Ave., S. F. The building has been designed for a meeting place and will cover an area of 30x75 feet. Interior will be finished in pine throughout. The exterior of the building will be covered with rustic. Plans are complete and the work will be done by Day Labor.

HOTEL—2 story and base, reinforced concrete, \$15,000. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owner, J. Ruden. The building will be erected on 4th street north of Folsom street, and will be arranged for stores and the hotel entrance on the first floor. Upper two floors will contain about 60 guest rooms and several baths. Interior finish will be of pine throughout. There will be hot and cold water in all rooms. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken by the architect.

HOTEL—4 story and base, brick and steel, \$30,000. San Francisco. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owners, Eisenbach Co. The building will be erected at the corner of Sacramento and Stockton streets, and will contain three stores besides the hotel entrance and lobby on the first floor.

Upper floors will be arranged for 60 guest rooms and 10 baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a hot water plant. Bath rooms will be finished in cement plaster. The exterior of the building will be faced with cement plaster and pressed brick. Plans are now being prepared.

HOTEL—3 story and base, brick, \$20,000. San Francisco. Architect, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building will be erected on a lot adjoining a four-story hotel building, plans for which are being prepared by the same architects. The building will contain in the neighborhood of thirty guest rooms and several baths. All rooms will have steam heat and hot and cold running water. Interior finish will be of pine. The exterior of the building will probably be faced with cement plaster. Plans are being prepared.

FLATS—3 story and base, frame, \$10,000. San Francisco. Architects, Salfeld & Kohlberg, Clunie Bldg., S. F. Owner, Charles Ellis. The building will be erected at the southwest corner of Lake street and 11th avenue and will cover an area of 32½x45 feet. Interior has been arranged for six modern flats of four and five rooms each with bath. Interior finish will be of pine with some hardwood floors and panels. There will be open fire places and tile or brick mantels. Bath rooms will be finished in cement plaster. The exterior of the building will be covered with rustic and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will be erected on 10th avenue north of Fulton street, and will contain seven rooms and bath. Interior finish will be of pine throughout with hardwood floors in the living rooms, dining rooms and reception hall. Bath room will have tile wainscot. There will be a large open fire place in the living room with brick or tile mantel. Exterior of the building will be covered with cement plaster on metal lath. Plans are in the hands of the owner and he will construct the building by Day Labor.

WINGALOW—1 story and base, frame, \$2,500. San Francisco. Architect, none. Owners, Homeland Building Co., Merchants' Exchange Bldg., S. F. The house will contain six rooms and bath. Interior finish will be of pine throughout. Oak floors will be used in the principal rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCES—4, 2 story and base, frame, \$3,500 each. San Francisco. Architect, N. W. Sexton, Chronicle Bldg., S. F. Owners, Empire Land Co., Mills Bldg., S. F. These dwellings will be erected on 24th avenue north of Kirkham street. Each has been designed to contain seven rooms and bath. Interiors will be finished in pine with some elm panels and hardwood floors. There will be open fire places and

brick or tile mantels. Tile will be used in the bath rooms and kitchens. Plans are complete and work will be done by Day Labor.

RESIDENCE—2 story, attic and base, frame, \$8,000. San Francisco. Architect, Edward G. Bolles, Foxcroft Bldg., S. F. Owners, S. A. Born Building Co. This dwelling will be erected on West Clay east of 24th avenue, and will contain ten rooms, baths and sleeping porch. Interior finish will be of pine and hardwood with hardwood floors in all principal rooms. Bath rooms will be finished in tile. There will be a central heating system and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$6,500. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected in Ashbury Terrace and will contain eight rooms and bath. Interior finish will be largely of pine with some hardwood in the living and dining rooms. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—3 story and base, frame, \$10,000. San Francisco. Architect, Edward G. Bolles, Foxcroft Bldg., S. F. Owners, S. A. Born Building Co. The house has been designed for a ten room dwelling with three baths, and will be erected at the corner of 24th avenue and West Clay Park. Interior will be finished in pine, white enamel and hardwoods. There will be furnace heat and open fire places. Mantels will be of tile or brick. Hardwood floors are to be used in the principal rooms. Bath will be finished in tile with cement floors. An automatic water heater will be used. The exterior of the building will be covered with cement plaster on metal lath. Work will be started by Day Labor as soon as plans can be completed. Mr. Born will purchase all materials.

APARTMENT HOUSE—6 or 8 story and base. Class C construction. Cost not stated. San Francisco. Architect, Frederick H. Meyer, Bankers' Investment Bldg., S. F. Owner, Mr. Schmiedel. The property at the corner of Post and Leavenworth streets is about to be improved by the construction of a modern apartment house. Interior will be arranged for two, three and four room suites which will have private bath rooms and wall beds. There will be steam heat, elevator service, a vacuum cleaning system and dumb waiters. Bath rooms will be finished in tile and will have cement floors. Interior finish will be of pine and hardwood. A large lobby will be a feature of the building which will be finished in hardwoods with ornamental plaster. The exterior of the building will probably be faced with pressed brick. Plans are being prepared.

LATRINES, SEWAGE AND PURIFICATION TANKS—Cost not stated. Honolulu, Hawaii. Architect, Supervising

Architect, Washington, D. C. Owners, United States Government. Plans have been completed and bids are now being taken for the construction of latrines and sewage and purification tanks for the Quarantine Station at Honolulu. Bids will be opened on June 20th. Plans and specifications can be secured from the Supervising Architect, Oscar Wenderoth, Washington, D. C. The official proposal appears in another column of this issue.

SCHOOL—2 story and base, frame and concrete. Cost not stated. San Francisco. Architect, Houghton Sawyer, Shreve Bldg., S. F. Owners, City and County of San Francisco. This building will be erected at the corner of Lombard and Jones streets, and is to be known as the Cooper School. Mr. Sawyer has only started preliminary plans and details of construction cannot be given at this time. Plans are to provide for 16 class rooms and an assembly hall. Halls and stairways will be of concrete construction. Interior trim will be of pine. There will be a modern system of heating and ventilation. Exterior of the building will probably be covered with cement plaster. Bids will be taken through the office of the Board of Public Works.

SCHOOL—2 story and base, frame and concrete. Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building, which is to be known as the Edison School, will be located on the west side of Church street between Hill and 22nd streets. All halls and stairways will be of reinforced concrete. Plans provide for twelve class rooms. Interior finish will be of pine with some hardwood floors. A hot water system of heating will be installed. Exterior of the building will be covered with cement plaster and brick. Plans are complete and bids are now being taken. Bids for the general construction will be opened on May 28th. Plans can be secured from the Department of Architecture.

STORES AND RESTAURANT—1 story and base, frame, \$10,000. San Francisco. Architect, W. H. Crim, Jr., 425 Kearny St., S. F. Owner, M. S. Eisner. The building will be erected at the southeast corner of Bush and Hyde streets and will cover an area of 35x137½ feet. The front portion will be occupied as a saloon and the rear for restaurant purposes. Interior will be finished in pine. The exterior of the building will be covered with cement plaster. Plans are complete and figures are now being taken.

STORE FRONT ALTERATION—Brick construction, \$5,000. San Francisco. Architect, none. Owner, Frank P. McCann, 1199 Market street. This work will include the construction of new store fronts, new interior finish, electric work and plumbing. The exterior of the Class C building will not be changed above the first floor. Plans are complete and in the hands of the owner who will do the work by Day Labor.

STORES AND LOFTS—3 or 4 story and base. Class C construction. Cost not stated. San Francisco. Architect, Henry Gelfuss, 46 Eary St., S. F. Owner's name withheld. This building will be erected on one of the best corners on the waterfront, and will have three street frontages. Plans provide for a pile foundation. Considerable

structural steel will be used. Exterior walls will be faced with pressed brick. The first floor will be arranged for three stores and upper floors for light lofts or may be subdivided into rooms or offices. Interior finish will be of pine throughout. Elevator service will be installed. Plans are now being prepared for the work.

TRANSPORTATION BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the construction of the Transportation Building are now out for figures. The building will be erected in the Exhibit Section of the Harbor View site. Bids will be opened on May 27th. Separate bids are being taken for the general construction and for the installation of plumbing, water and sewer pipes. Plans can be secured from the Director of Works. Official proposal appears in this issue.

EXPOSITION WORK—Lath house, Manufactures Building and plumbing on same. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened on Tuesday last by the Building and Grounds Committee of the Panama-Pacific International Exposition Co. for three different jobs. The Gordon Construction Co. were awarded the contract for constructing a lath house in Tennessee Hollow at \$1,935. McLeran & Peterson were low for the general construction of the Manufactures Building at \$217,000, and J. Doherty was low for the plumbing work on the same building at \$19,650. Wittman-Lyman Co. were also very close bidders on the plumbing at \$18,811. A complete list of these figures appears in this issue under the heading of San Francisco.

STRUCTURAL STEEL FOR CITY HALL—\$1,500,000. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Bids will be opened on June 11th by the Board of Public Works for furnishing and fabricating the structural steel for the new City Hall. A clause in the proposal requiring the eight-hour law and \$3 wage scale is causing protests from the local bidders who wish to be assured that eastern firms will be held to the same requirements. The official proposal appears in another column of this issue. The contract will call for about 7,000 tons of fabricated material.

FLATS—3 story and base, frame \$5,750. San Francisco. Architect, L. Traverso, 854 Union St., S. F. Owner, E. Ratto. The building will be erected on Jasper place and will contain three flats of five and six rooms each with bath. Interior finish will be of pine throughout. There will be gas grates and tile mantels. Tile will be used in the bath rooms and kitchens. The exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now purchasing all materials.

SCHOOL—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, Albert Pissis, Flood Bldg., S. F. Owners, City and County of San Francisco. Mr. Pissis has just been commissioned to prepare plans for the new school which is to be erect-

ed on Washington street west of Kearny. When complete this building will be known as the Oriental School. Plans will provide for 12 or 14 class rooms and an assembly hall. A modern system of heating and ventilation will be installed. Interior finish will be of pine. Exterior of the building will probably be faced with pressed brick. Plans are now being prepared and when complete bids will be taken through the office of the Board of Public Works.

HOSPITAL WIRING AND CONDUIT SYSTEM—Cost not stated. San Francisco. Architect, Supervising Superintendent Roberts, Post Office Bldg., S. F. Owners, United States Government. Plans and specifications for the rearrangement of the conduit system and rewiring in the United States Marine Hospital building have been completed and bids are now being taken. Figures will be opened by Mr. Roberts on June 9th. Plans can be secured from Supervising Superintendent Roberts in this city. The official proposal appears in this issue.

POST OFFICE—2 story and base, fireproof construction. Cost not stated. Grand Junction, Col. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. This building has been out for figures previously but all bids were rejected. New figures are now being called for and will be opened on June 24th. The structure will cover an area of approximately 5,600 square feet and will be fire proof throughout except roof and ceilings. There will be steam heating, modern plumbing and hardwood interior finish. Exterior of the building will be faced with stucco, stone and marble. Plans can be secured from the Supervising Architect at Washington, D. C., or from the custodian of the site at Grand Junction. Official proposal appears in this issue.

Interesting Lecture On Waterproofing.

August Gross, of New York, Entertains
San Francisco Architectural Club
With Interesting Talk.

Between a hundred and a hundred and fifty members of the San Francisco Architectural Club and their invited guests listened to an informal talk last Friday evening at the Club rooms on the subject of Waterproofing, given by August Gross of the firm of Toch Bros., New York, and represented in this city by J. E. Dwan & Co.

Mr. Gross proved exceptionally interesting to his audience, possessing a wealth of fundamental facts and technical knowledge of his subject coupled with a most pleasing manner of imparting it to others. His talk covered the question of waterproofing from its inception to present day methods, a comparison of the different methods employed at present and in that earlier period when the subject was less thoroughly understood, and much interesting detail as to how the entire field of waterproofing has been changed by the introduction of new types of construction. At the conclusion of his talk Mr. Gross was complimented by the officers and members of the Club on having furnished a most enjoyable

and instructive evening's entertainment.

Mr. Gross is completing a trip over the Pacific Coast and Rocky Mountain states in the interest of his company. He has recently visited Portland, Seattle and other cities in the north and states that building prospects look exceptionally bright for the coming year. He will remain in San Francisco for some time.

City Bids Opened.

Bids for furnishing one portable rock crusher were opened by the Board of Public Works at Wednesday's session. A. L. Young Machine Company submitted the lowest bid at \$1,935. Two other bids were received as follows: Austin-Western Road Machine Co., \$2,160 and Langford-Bacon & Meyers at \$2,593.10.

Exposition Company Opens Many Bids.

Panama-Pacific Work is Attracting Much Attention. Figures Opened For Manufactures Palace.

Bids were opened on Tuesday, last, by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for three different jobs. Gordon Construction Company were awarded the contract for constructing a lath house in Tennessee Hollow at \$1,995. McLaren & Peterson were low for the general construction of the Manufactures Building at \$217,000 and J. Doherty was low for the plumbing work on the same building at \$19,811. The following bids were received:

Constructing Lath House.

Wilson & Christensen.....	\$3,073
J. Wendering	2,450
B. J. Duffy	2,370
Max Geist Constr. Co.....	3,430
Gordon Constr. Co.....	1,995
J. Monk	3,382
J. Pringle	2,727

Contract awarded to the Gordon Construction Company at the price mentioned.

Manufactures' Building.

Commary-Peterson Co., Inc., Exposition to furnish lumber, \$218,933; Contractor to furnish lumber, \$299,233. McLaren & Peterson, Exposition to furnish lumber, \$217,000; Contractor to furnish lumber, \$—.

J. Monk, Exposition to furnish lumber, \$234,558; Contractor to furnish lumber, \$326,500.

Strehlow, Freese & Peterson, Exposition to furnish lumber, \$236,000; Contractor to furnish lumber, \$301,000.

Lange & Bergstrom, Exposition to furnish lumber, \$242,153; Contractor to furnish lumber, \$345,937.

F. Roland, Exposition to furnish lumber, \$239,000; Contractor to furnish lumber, \$323,000.

Plumbing For Manufactures' Building

Wittman-Lyman & Co.....\$19,811

Lettlich Bros. 21,539

Kiernan & O'Brien.....	28,141
Petersen-James Co.....	22,949
Alexander Coleman	22,872
Herman Lawson	21,986
Frank J. Klimm.....	22,408
F. W. Snook & Co.....	20,720
Barnham Plumbing Co.....	23,558
J. Doherty	19,630
The Turner Co.....	20,895

OAKLAND BRANCH.

The Beler Instantaneous Automatic Gas Water Heater is meeting with such pronounced success that Mr. Archie I. Block, the Pacific Coast Distributor, has been obliged to open a branch office with the P. H. Howard Co., 1756 Broadway, Oakland.

Walter H. Fletcher will be sales manager for Alameda County. Architects and Owners who want the best in Automatic Gas Water Heaters will find it in the Beler. The Heater with less gas consumption and no troubles.

Building Contracts Awarded San Francisco.

1812 Figoni	Figoni	400
1813 George	George	600
1814 Taylor	Sibley	650
1815 Nelson	Nelson	2500
1816 Farnham & Glaze	Glaze	1375
1817 Smith	Olson	5120
1818 Flood	Morehouse	5060
1819 Sane	Clinton	9327
1820 Picinelli	Devine	1900
1821 Scale	Hannah	2000
1822 Levy	Klein	2525
1823 Rogers	Props	21000
1824 Reichmuth	Holdener	3500
1825 Hammer	Ekoos	250
1826 29th M E Ch. McCausland	5000	
1827 Dorgeloh	Tomnitz	5000
1828 Ravani	Mariconi	5100
1829 Downey	Peterson	1565
1830 Pac Fdy	Wilhelm	5000
1831 Columbia Invst	Browne	7500
1832 W'n Iron	Terrill	8000
1833 Anglo Am Land.....	Taylor	12810
1834 Elmer		5900
1835 Born	Born	8000
1836 Smith	Smith	500
1837 Burns	Burns	1000
1838 Suto	Allyn	500
1839 Guedet	Ariely	1000
1840 Homeland Bldg.	Owner	2500
1841 Garigliani	Owner	300
1842 Bjorkman	Swanson	2500
1843 McHugh	McHugh	1700
1844 Pineo	Piccolotto	800
1845 Glaretta	Owner	450
1846 Meyer	Meyer	1600
1847 Cook	Cook	5000
1848 Lewis	Alleigh	400
1849 McCann	McCann	3000
1850 Judrich	Judrich	400
1851 Born	Born	10000
1852 Koenigsthal	Hansen	2750
1853 Ins. Exchange	Day	9116
1854 P. P. I. EXP.	Healy	6920
1855 O'Brien	Ternova	5500
1856 Same	Heger	5500
1857 Same	Dewar	22200
1858 Keyes	Rector	1000
1859 Geldwin	Holm	1950
1860 Guinasso	Guinasso	6500
1861 Thomsen	Woodbridge	4692
1862 29 St M E Ch. McCausland	4129	
1863 Ist Norw Ch.	Ekoos	2435
1864 Staus	Staus	8000
1865 McKeever	Sarrallie	8600
1866 Crocker	Cal Contr	1690
1867 Heyman	Unham	2500
1868 White	Wenden	1600
1869 Macom	Wallen	4300
1870 Same	Brandon	3277
1871 Forbes	Holn	719
1872 Funder	Con	750
1873 McIndintony	Segs	800
1874 Park Richmond	Owner	2500
1875 Abrahams	Grace	250
1876 Adl Constr	Owner	800
1877 Weendunk	Owner	1500
1878 Jackson	Jackson	10000
1879 Parlsian Bky.	Salanave	1600
1880 Schmidt	Schmidt	5000
1881 Bar	Bar	9000
1882 Nelson	Nelson	2000
1883 Rosenthal	Yowinkel	600
1884 Schleicher	Pac Reiling	8550
1885 Same	Hurler	1350
1886 Montgomery	Catherwood	2774

(1812) NO. 1710 SAN JOSE AVE.
Cement floor and build new foundation.
Owner.....F. Fignonl, Premises.
Architect...None.
Day's work. COST, \$400

(1813) NO. 156 EDDY. Alter restaurant.
Owner.....Gust George, Premises.
Architect...None.
Contractor..J. Droitas, 1409 Powell, San Francisco.
COST, \$600

(1814) SW STEINER AND PACIFIC AVE. Alter and repair residence.
Owner.....Mrs. Taylor, Premises.
Architect...None.
Contractor..H. Sibley, 978 Ellis, S. F.
COST, \$650

(1815) E TENTH AVE 120 N Fulton.
Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work. COST, \$2500

(1816) E BATTERY 100 S BROADWAY S 37-6 E 137-6 N 66 W 29-6 S 28-6 W 108. All work except elevator for three-story and basement brick warehouse.
Owner.....Elma C., S. C. and E. M. Farnham and Elma F. Kroll, 704 Market, S. F.
Architect...Ralph W. Hart, Humboldt Bank Bldg., S. F.
Contractor..R. Glaze, Humboldt Bank Bldg., San Francisco.
Filed May 12, '13. Dated April 14, '13.
1st floor joists set.....\$2000 00
2nd floor joists set..... 2000 00
3rd floor joists set..... 2000 00
Roof completed..... 2000 00
Completed and accepted..... 2406 25
Usual 35 days..... 3468 75
TOTAL COST, \$13,875 00
Bond, \$6937.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days. Forfeit, \$15. Plans and specifications filed.

(1817) S CLEMENT 100 E 16th Ave E 25xS 100. All work except lighting fixtures and shades for two-story and basement frame flats.
Owner.....Anna Smith.
Architect...Philipp Schwerdt Co., Pheasant Bldg., San Francisco.
Contractor..E. A. Olson, 125 Jersey, San Francisco.
Filed May 12, '13. Dated May 10, '13.
Rustic on and roof sheathed....\$ 960
Plumbing and electric work roughed in..... 960
Standing finish on and front finished, except vestibule..... 960
Completed and accepted..... 960
Usual 35 days..... 1280
TOTAL COST, \$5120
Bond, \$2600. Sureties, H. A. Norman and John T. Miller. Limit, 75 days. Forfeit, \$5. Plans and specifications filed

(1818) N BROADWAY 68-9 W Webster W 148-9xN 275. Cement plaster and paneling on walls, balusters on garage, side walls and Vallejo St. retaining wall, all cast cement for rails, pedestals, etc., for two-story and basement Class "A" residence.
Owner.....Jas. L. Flood, Flood Bldg., San Francisco.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor..C. C. Morehouse, Crocker Bldg., San Francisco.
Filed May 12, '13. Dated May 9, '13.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$5060
Bond, \$2530. Surety, United States Fidelity & Guaranty Co. Limit, 40 days. Forfeit, \$25. Plans and specifications filed.

(1819) EXCAVATING, GRADING, filling, bulkheading, shoring, bracing concrete, reinforcing for Vallejo St. wall, side walls, terrace walls, etc., on above.
Contractor..Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Filed May 12, '13. Dated May 9, '13.
Payments same as above.....
TOTAL COST, \$9327
Bond, \$4663.50. Surety, 'Globe Indemnity Co. Limit, 30 days. Forfeit, \$25. Plans and specifications filed.

(1820) E BARTOL PLACE 137-6 N Broadway 25x25. All work except gas fixtures, shades and finish hardware for two-story and basement frame flats.
Owner.....Eugene Puccinelli.
Architect...J. A. Porporato, 619 Washington, San Francisco.
Contractor..Devincenzi Bros. & Co., 1069 Union, San Francisco.
Filed May 12, '13. Dated May 12, '13.
Frame up.....\$475
Brown coated..... 475
Completed and accepted..... 475
Usual 35 days..... 475
TOTAL COST, \$1900
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1821) E EIGHTH 68-9 N Brannan. One-story frame lumber shed.
Owner.....H. H. Scales, 144 King, San Francisco.
Architect...None.
Contractor..J. D. Hannah, Monadnock Bldg., San Francisco.
COST, \$2000

(1822) NOS. 191-193 FREMONT. Alter frame building to Class "C" machine shop.
Owner.....Aaron Levy, Lakeport.
Architect...None.
Agents...Sol. Getz & Sons, 327 Chronicle Bldg., S. F.
Contractor..F. A. Klein, 1425 24th Ave., San Francisco.
COST, \$2525

(1823) NW DEVISADERO & GOLDEN Gate Ave. Three-story and basement frame (24) apartments.
Owner.....T. Rogers and C. Callaghan, San Francisco.
Architect...None.
Contractor..W. Props, 1301 Gough, San Francisco.
COST, \$24,000

(1824) E MISSION 60 S Leese. Two-story frame residence.
Owner.....Frank Reichmuth, 3715 Mission, San Francisco.
Architect...None.
Contractor..T. Holdener, Sacramento, Cal.
COST, \$3500

(1825) S SEVENTEENTH 145 W Mission. Two-story and basement frame flats.
Owner.....C. F. Hammer et al, 4056 23rd, San Francisco.

Architect...None.
Contractor..Thos. Ekoos, 915 Hampshire, San Francisco.
COST, \$2500

(1826) S SANCHEZ 86 W Clipper. Two-story frame Sunday school and flat.
Owner.....29th Street Methodist Church, Premises.
Architect...None.
Contractor..Geo. F. McCausland, 4173 23rd, San Francisco.
COST, \$5000

(1827) W DELANÒ 175 S San Isabel. One and one-half-story and basement frame residence.
Owner.....H. J. Dorgeloh.
Architect...None.
Contractor..E. F. Tomimtz, 22 Calne Ave., San Francisco.
COST, \$3000

(1828) W GRANT AVE 84 S Union. Three-story and basement frame (2) flats.
Owner.....Mrs. G. Ravani, 34 Auburn San Francisco.
Architect...Paul F. De Martini, 451 Columbus Ave., S. F.
Contractor..G. Maricóni, 1731A Greenwich, San Francisco.
COST, \$5100

(1829) S MINNA 75 W First. Concrete foundation and floor.
Owner.....Andrew Downey, 2717 College Ave., Berkeley.
Architect...None.
Contractor..H. L. Peterson, 62 Post, San Francisco.
COST, \$1665

(1830) TREAT AVE AND HARRISON, bet. 18th and 19th. Two-story frame foundry.
Owner.....Pacific Foundry Co., Harrison and 18th, S. F.
Architect...None.
Contractor..A. H. Wilhelm, 180 Jessie, San Francisco.
COST, \$5000

(1831) SW GEARY AND MASON. One story and basement brick stores.
Owner.....Columbia Bldg. & Invst. Co., 215 Sutter, S. F.
Architect...C. Withers, 125 Sutter, San Francisco.
Contractor..R. S. Browne, 125 Sutter, San Francisco.
COST, \$7500

(1832) E BEALE 228 S Mission. Remove corrugated iron sheathing and reconstruct brick walls.
Owner.....Western Iron Works, 141 Beale, San Francisco.
Architect...None.
Contractor..George C. Terrill, 180 Jessie, San Francisco.
COST, \$3000

(1833) S CASELLI AVE 29-2 E Clover Lane E 125x100; Lots 6 to 10, Clover Heights. Brick work, chimneys, carpenter, mill, stair, hardware, plaster, roofing, sheet metal, tile work, glazing, electric wiring, plumbing, painting, etc., for five two-story and basement frame residences.
Owner.....Anglo-American Land Co.
Architect...E. P. Antonovich, 322 Kearny, San Francisco.
Contractor..Taylor & Co., 2001 Grand, Alameda.
Filed May 13, '13. Dated May 9, '13.
Bills for labor and materials to

be paid on 1st and 15th of each month.
After all said above bills paid, the balance remaining unpaid shall be paid as follows:.....
On completion 50%
Usual 35 days..... 50%

TOTAL COST, \$12,840

Bond, \$6420. Surety, The Aetna Accident & Liability Co. Limit, 75 days. Forfeit, \$5. Plans and specifications filed.

(1834) SE HYDE AND BEACH'S 35XE 137-6. Excavating, concrete, carpenter, tinning, galvanized iron, glass, glazing, lath and plaster, etc., for one-story frame rooming house.
Owner.....Milton S. Eisner, Russ Bldg San Francisco.

Architect...W. H. Crim Jr., 425 Kearny San Francisco.
Contractor...L. A. Rose, 631 29th, S. F.
Filed May 13, '13. Dated May 12, '13.

Excavating and concrete foundations completed\$1475.00
Brown coated 1475.00
Completed and accepted..... 1475.00
Usual 35 days..... 1475.18
TOTAL COST, \$5900.18

Bond, \$2951. Surety, U. S. Fidelity & Guaranty Co. Limit, 75 days from recording. Forfeit, \$10. Plans and specifications filed.
NOTE:—Plans read, owners M. S. Eisner and Colbert Coldwell.

(1835) N WEST CLAY 47 E 24th Ave. Two-story and basement and attic frame residence.
Owner...S. A. Born Bldg., Co., 660 Market, San Francisco.

Architect...E. G. Bolles, 660 Market, San Francisco.
Day's work. COST, \$3000

(1836) W COLE 100 S Oak. Alter and repair dwelling and add 2 rooms.
Owner.....Jas. Smith, 439 Cole, S. F.
Architect...Rhodes & Marisch, 3372 16th, San Francisco.

Day's work. COST, \$500

(1837) W BANK 175 N Eugenia. One-story and basement frame dwelling.
Owner.....B. Burns, 906 Cortland Ave San Francisco.

Architect...None.
Day's work. COST, \$1000

(1838) NO. 156 EDDY. Erect wire lath and plaster partitions.
Owner.....Gustave Sutor, 41 Montgomery, San Francisco.

Architect...None.
Contractor...Stockholm & Allyn, Monadnock Bldg., S. F.
COST, \$500

(1839) NO. 1527 PINE. Repair to furniture shop.
Owner.....Mrs. Paul J. Guedet, 647 Central Ave., S. F.
Architect...Jules Godart, 635 Montgomery, San Francisco.
Contractor...A Arley, 1517 Hyde, S. F.
COST, \$1000

(1840) S JUDSON AVE 150 W Detroit. One-story and basement frame residence.
Owner.....Homeland Bldg. Co., 1312 Merchants' Exchange Bldg. San Francisco.

Architect...None.
Day's work. COST, \$2500

(1841) NO. 231 PRENTISS. Alter and add to dwelling.

Owner.....G. Garigliani, Premises.
Architect...None.
Day's work. COST, \$500

(1842) E THIRTEENTH AVE 125 N Kirkham. Two-story and basement frame residence.

Owner.....J. Bjorkman and O. Swanson, 4066 17th, S. F.
Architect...None.
Contractor...Oscar Swanson, 4066 17th, San Francisco.
COST, \$2250

(1843) W ANDERSON 125 S Eugenia. Two-story and basement frame dwlg.
Owner.....Patrick F. McHugh, 127 Albion Ave., San Francisco
Architect...None.
Day's work. COST, \$1700

(1844) E NAPLES 50 S Avalon. One-story and basement frame dwlg.
Owner.....L. Pineo, 507 Avalon Ave., San Francisco.
Architect...Paul F. De Martini, 451 Columbus Ave., S. F.
Contractor...G. Piccolotto, 451 Columbus Ave., San Francisco.
COST, \$800

(1845) NO. 1409 PIERCE. Raise and add store under present building.
Owner.....G. Glaretti, Premises.
Architect...None.
Day's work. COST, \$450

(1846) NE CURTIS AND MORSE. One-story and basement frame dwlg.
Owner.....Mrs. Gussie Meyer, 53 Walter, San Francisco.
Architect...None.
Contractor...Henry Meyer, 53 Walter, San Francisco.
COST, \$1500

(1847) NO. 973 HAIGHT. Add foundation, new roof, plumbing, electricity and install water heater in flats.
Owner.....F. C. Cook, 983 14th, S. F.
Architect...None.
Day's work. COST, \$5000

(1848) NO. 655 FILLMORE. Alter restaurant.
Owner.....Mrs. Lewis & Co.
Architect...None.
Contractor...Vanderford & Alleigh, 142A Franklin, San Francisco.
COST, \$400

(1849) NOS. 1195-97-99 MARKET. Alter part of present building.
Owner.....Frank P. McCann, 1199 Market, San Francisco.
Architect...None.
Day's work. COST, \$3000

(1850) NW EIGHTEENTH AND ALABAMA. Raise, alter and repair residence.
Owner.....Martin Judrich, 580 San Bruno, San Francisco.
Architect...None.
Day's work. COST, \$400

(1851) SE TWENTY-FOURTH AVE & West Clay. Three-story and basement frame residence.
Owner...S. A. Born Bldg., Co., 660 Market, San Francisco.
Architect...E. G. Bolles, 660 Market, San Francisco.
Day's work. COST, \$10,000

(1852) W DELANO 200 S San Juan. One-story and basement frame residence.

Owner.....Hanson & Koenigsthal, 155 Delano Ave., S. F.
Architect...None.
Contractor...R. Hanson, 155 Delano Ave. San Francisco.
COST, \$2750

(1853) SE CALIFORNIA & LEIDESDORFF, fronting N on California and at rear end 107-6 and extending on E and W sides 137-6. Furnish and install lighting fixtures for building.
Owner.....The Insurance Exchange.
Architect...Willis Polk & Co., Merchants' Exchange Bldg., San Francisco.
Contractor...Thomas Day Co., 725 Mission, San Francisco.
Filed May 14, '13. Dated May 10, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$9116

Bond, \$4600. Surety, The Title Guaranty & Surety Co. Limit, Aug. 15. Forfeit, \$15. Specifications only filed.

(1854) SOUTH OF SOUTH WHARF OF Fulton Basin, bet. Devisadero and Broderick. All work for a pile roadway.
Owner.....Panama-Pacific International Exposition Co, Service Bldg., S. F.
Architect...None.
Contractor...Healy-Thibbitts Constr. Co., 9 Main, San Francisco.

Filed May 14, '13. Dated May 7, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$6920
Bond, \$4000. Surety, Globe Indemnity Co. Limit, 30 days. Forfeit, \$15. Plans and specifications filed.

(1855) S BUSH 137-6 W Powell S 137-6XW 46. Metal lath, plaster, Keen's cement, wainscoting, ornamental plaster, cementing fire walls, etc., for five-story and basement Class "C" apartments.
Owner.....Walter J. O'Brien, Clunle Bldg., San Francisco.
Architect...O'Brien Bros., Inc., Clunle Bldg., San Francisco.
Contractor...M. J. Terranova, 68 Post, San Francisco.

Filed May 14, '13. Dated May 10, '13.
Building lathed\$1375
Brown coated 1375
Completed and accepted..... 1375
Usual 35 days..... 1375
TOTAL COST, \$5500

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(1856) PLUMBING, GAS FITTING, sewerage, stand pipe, tank on roof, and hose casings on above.
Contractor...Jos. L. Herger.
Filed May 14, '13. Dated May 13, '13.
All plumbing roughed in.....\$2062.50
Completed and accepted..... 2062.50
Usual 35 days..... 1375.00
TOTAL COST, \$5500.00

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(1857) CARPENTRY, JOINERY, HARDWARE, glazing, roofing marble and mill work on above.
Contractor...Robert Dewar & Son, 180 Jessie, San Francisco.
Filed May 14, '13. Dated May 10, '13.
Rough floored and ready for lath\$550
Standing finish on..... 550
Completed and accepted..... 550
Usual 35 days..... 550
TOTAL COST, \$22,200



NEW MUNICIPAL AUDITORIUM
Oakland, Cal.

Palmer & Hornbostel associated with J. J. Donovan, Architects
New York Oakland

Building and Industrial News
May 20, 1913

PLATE A



NEW SOUTHERN PACIFIC STATION THIRD & TOWNSEND
San Francisco

Engineering Dept., Southern Pacific Co., Architects
San Francisco

Bond, limit, forfeit, none. Plans and specifications filed.

(1858) N JACKSON 97-6 E Locust N 127-8 1/4 x E 40. Heating system, etc., for residence.

Owner.....Alexander D. and Kate Keyes, Humboldt Bank Bldg., San Francisco.

Architect...Smith O'Brien, Humboldt Bank Bldg., S. F.

Contractor...Rector System Gas Heating Co. of S. F., 331 Sutter, San Francisco.

Filed May 14, '13. Dated Feb. 3, '13
On 1st and 15th of each month 75%
Usual 35 days..... 25%

TOTAL COST, \$1000

Bond, none. Limit, as fast as required
Forfeit, \$10. Specifications only filed.

(1859) SW GRANT AVE & HARLAN Place. Carpenter and joinery, etc., for two-story Class "A" addition to present Class "A" building.

Owner.....O. D. Baldwin, 1000 Green, San Francisco.

Architect...Oscar Haupt, Phelan Bldg., San Francisco.

Contractor...Holm & Son, 62 Post, S. F.

Filed May 14, '13. Dated May 10, '13.
Window in place, door bucks set and flooring in.....\$650

Completed and accepted..... 650
Usual 35 days..... 650

TOTAL COST, \$1950

Bond, none. Limit, without delay.
Forfeit, none. Plans and specifications filed.

(1860) N FRANCISCO 105-2 1/4 W Grant Ave. W 25xN 68-9. All work except shades, gas and electric fixtures and finish hardware for three-story frame flats.

Owner.....Giovanni Guinasso.

Architect...None.

Contractor...David A. De Martini, 637 Greenwich, San Francisco.

Filed May 14, '13. Dated May 5, '13.
Frame up and rough roof on... 25%

Brown coated 25%

Completed and accepted..... 25%

Usual 35 days..... 25%

TOTAL COST, \$6250

Bond, \$2875. Sureties, A. Pessano and Jno. P. Demartini. Limit, 90 days.

Forfeit, none. Plans and specifications filed.

(1861) W BRODERICK 75 S Ellis S 25 xW 100. All work except plumbing, gas and electric fixtures, finish hardware and shades for two-story frame flats.

Owner.....Harry A. Thomsen Jr., 305 Sharon Bldg., S. F.

Architect...None.

Contractor...L. C. Wooldridge, 315 28th Ave., San Francisco.

Filed May 14, '13. Dated May 13, '13.
Roof on\$1173

Brown coated 1173

Completed and accepted..... 1173

Usual 35 days..... 1173

TOTAL COST, \$4692

Bond, \$2346. Surety, Maryland Casualty Co. Limit, 75 days. Forfeit, none.

Plans and specifications filed.

(1862) W SANCHEZ 86 S Clipper S 28 xW 80. All work to complete lower floor for two-story frame building, no work to be done on 2nd floor except rough flooring, bearing and cross partitions (Sunday school and parsonage).

Owner.....The Twenty-Ninth St. M. E. Church, Premises.

Architect...None.

Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.

Filed May 15, '13. Dated May 8, '13.
Frame up and rafters in place...\$1030

Rough plumbing in..... 1030

Completed and accepted..... 1030

Usual 35 days..... 1030

TOTAL COST, \$4120

Bond, \$2060. Surety, E. A. Hoadley and F. A. McCausland. Limit, 80 days.

Forfeit, none. Plans and specifications filed

NOTE:—1st report May 14th No. 1826.

(1863) S SEVENTEENTH 145 W Mission, No. 3327 17th at south end of lot. All work for two-story and basement frame flats.

Owner.....President & Board of Trustees of The 1st Norwegian and Danish M. E. Church, Care C. F. Hammer, 4056 23rd, San Francisco.

Draughtsman...B. A. Roed.

Contractor...Thos. Ekoks, 915 Hampshire, San Francisco.

Filed May 15, '13. Dated April 25, '13.
Frame up\$635

Enclosed and roof on..... 630

Completed and accepted..... 630

Usual 35 days..... 600

TOTAL COST, \$2495

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—1st report May 14th, No. 1825

(1864) W JONES 43 N O'Farrell N 27-6 W 80 S 5-6 E S 22 E 75. Grading, concrete, plaster, carpenter, galvanized iron, tinning, roofing, electrical and glazing for three-story concrete building.

Owner.....S. A. Haas, 420 Sacramento San Francisco.

Architect...Jos. Cahen, 45 Kearny, San Francisco.

Contractor...J. Steur and W. L. Bury, 1407 O'Farrell, S. F.

Filed May 15, '13. Dated May 13, '13.
2nd floor joists set.....\$1000

Roof on 1225

Brown coated 2225

Completed and accepted..... 2225

Usual 35 days..... 2225

TOTAL COST, \$8900

Bond, \$4450. Surety, United States Fidelity & Guaranty Co. Limit, 100 days.

Forfeit, none. Plans and specifications filed.

(1865) NW PACIFIC & TAYLOR N 48 xW 68-6. All work except foundations, cement floors, side walks, gas and electric fixtures, shades, mantels and grates for three-story frame store and flats.

Owner.....Edw. McKeever, 77 Bernard San Francisco.

Architect...Paul F. De Martini, 451 Columbus Ave., S. F.

Contractor...A. Sarraille, 2115 Powell, San Francisco.

Filed May 15, '13. Dated May 6, '13.
Roof finished\$2150

Brown coated 2150

Completed 2150

Usual 35 days..... 2150

TOTAL COST, \$6600

Bond, \$4500. Sureties, N. Capurro and B. Cuneo. Limit, 90 days after May 11.

Forfeit, \$10. Plans and specifications filed.

(1866) SE MARKET & ECKER E 100 xS 155. Erection of steel columns and complete roof supports, expanded metal roof, etc., for six-story and basement Class "A" building.

Owner.....Crocker Estate Co.

Architect...Lewis P. Hobart, Crocker Bldg., San Francisco.

Contractor...California Construction Co

Filed May 15, '13. Dated May 1, '13.
On 15th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1690

Bond, none. Limit, May 15. Forfeit, none. Plans and specifications filed

(1867) NW FORTY-THIRD AVE AND Balboa W 60xN 100. All work for 2-story and basement frame residence.

Owner.....Oscar Heyman & Bro., Bankers' Investment Bldg., San Francisco.

Architect...Jos. Cahen, 45 Kearny, San Francisco.

Contractor...W. H. Upham, 478 35th Ave San Francisco.

Filed May 16, '13. Dated May 15, '13.
Frame up\$875

Brown coated 875

Completed and accepted..... 875

Usual 35 days..... 875

TOTAL COST, \$3500

Bond, \$1750. Surety, The Title Guaranty & Surety Co. Limit, 90 days.

Forfeit, none. Plans and specifications filed

(1868) S TURK 151-2 E Arguello E 25 xS 137-60. All work except plumbing, electric wiring, fixtures and rat proofing for one-story and basement dwg.

Owner.....Wm. P. and Annie White, 2641 McAllister, S. F.

Architect...Chas. A. Sutter, San Francisco.

Contractor...Chas. A. Sutter, 49 Guerrero San Francisco.

Filed May 16, '13. Dated May 12, '13.
Frame up\$400

Brown coated 400

Completed and accepted..... 400

Usual 35 days..... 400

TOTAL COST, \$1600

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1869) W DRUMM 59-1 W Washington W 75xS 32-6. Carpenter, joinery, hardware, glazing, tinning, galvanized iron, roofing, electric work, plumbing, lath and plaster, painting, etc., for three-story and basement Class "C" loft building.

Owner.....Malcolm, Jacobs & Burt, SW Drumm & Washington San Francisco.

Architect...O'Brien Bros., Inc., Clunie Bldg., San Francisco.

Contractor...A. M. Wallen, 1253 Waller, San Francisco.

Filed May 16, '13. Dated May 15, '13.
1st and 2nd story joists set.....\$1075

Roofed & plumbing roughed in 1075

Completed and accepted..... 1075

Usual 35 days..... 1075

TOTAL COST, \$4300

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

(1870) BRICK WORK, FLUES, WALL, cementing, wrought iron, cast iron, steel, anchors, bond iron and fire escapes on above.

Contractor...Brandon & Dawson, 180 Jessie, San Francisco.

Filed May 16, '13. Dated May 15, '13.
Brick work up to 2nd floor level\$19.25

Brick work up to 3rd floor level 819.25

Completed and accepted..... 819.25

Usual 35 days..... 819.25

TOTAL COST, \$3277.00

Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(1871) S ROSE AVE 137-6 E Gough S 65-3½ E 111-8½ W 90-7½. All work except plumbing for one-story and basement brick building.

Owner.....Stanley & Cleveland Forbes, Merchants' Exchange Bldg., S. F.

Architect...Ross & Burgren, 310 California, San Francisco.

Contractor...Theo. S. Holm, 1568 Clay, San Francisco.

Filed May 16, '13. Dated May 15, '13. 1st story joists on.....\$1500

Roof on.....1797

Completed and accepted.....2000

Usual 35 days.....1900

TOTAL COST, \$1197

Bond, \$3600. Surety, Maryland Casualty Co. Limit, 45 days. Forfeit, \$10.

Plans and specifications filed.

(1872) SW POLK AND HEMLOCK.

Construction of auto entrance.

Owner.....Emile H. Condere, Care New Poodle Dog Restaurant, San Francisco.

Architect...Fabre & Bearwald, Merchants' National Bank Bldg., San Francisco.

Day's work.....COST, \$750

(1873) NO. 680 CLAY. Repair baths.

Owner.....C. I. Mehedintean, Prem.

Architect...None.

Contractor...Sass & Son, 648 California, San Francisco.

COST, \$800

(1874) W EIGHTH AVE 275 S Balboa.

One-story frame hall.

Owner.....Park Richmond Improvement Club, 674 5th Ave., San Francisco.

Architect...None.

Day's work.....Cost, \$2500

(1875) E DE HARO 25 S 22nd. Repair and add one-story to dwelling.

Owner.....Mr. Abrahams and wife, 1007 De Haro, S. F.

Architect...None.

Contractor...John T. Grace, 1013 Rhode Island, San Francisco.

COST, \$750

(1876) E ALABAMA 295 N 16th. Erect asphalt plant.

Owner.....Federal Constr Co., Sharon Bldg., San Francisco.

Architect...None.

Day's work.....COST, \$800

(1877) W CAPISTRANO 175 N Santa

Ysabel. One-story and basement frame dwelling.

Owner.....A. A. Wesendunk, 1747 Dolores, San Francisco.

Architect...None.

Day's work.....COST, \$1500

(1878) NO. 1548 TWELFTH AVE.

Alter residence.

Owner.....C. O. Jackson, Premises.

Architect...None.

Day's work.....COST, \$1000

(1879) NO. 753 BROADWAY. Extend room.

Owner.....Parisian Baking Co., 753 Broadway, San Francisco.

Architect...None.

Contractor...J. Salanave, 931 Pacific, San Francisco.

COST, \$1000

(1880) E ELLSWORTH 25 N Powhat-

tan. One-story and basement frame dwelling.

Owner.....John O. Schmidt, 15 Ellis-worth, San Francisco.

Architect...None.

Day's work.....COST, \$1000

(1881) N GREEN 137-6 W Larkin.

Three-story and basement frame (6) flats.

Owner.....Thomas F. Barry, 3641 20th, San Francisco.

Architect...None.

Day's work.....COST, \$9000

(1882) W SIXTEENTH AVE 100 S

Clement. Two-story and basement frame residence.

Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.

Architect...None.

Day's work.....COST, \$2500

(1883) COR BALBOA AND GREAT

Highway. Painting of Ocean Beach Pavilion.

Owner.....Maurice Rosenthal.

Architect...None.

Contractor...Henry Vowinkel, 324 Hayes, San Francisco.

Filed May 17, '13. Dated April 28, '13.

May 3rd, 1913.....\$100

Usual 35 days.....500

TOTAL COST, \$600

Bond, none. Limit, May 15. Forfeit, none. Plans and specifications, none.

(1884) N GEARY 137-6 E Larkin E

47-6XN 137-6. Structural steel and cast iron fabrication and erected, etc. for five-story Class "C" apartments.

Owner.....A. F. Schleicher, 1124 O'Farrell, San Francisco.

Architect...Dunn & Kearns, Monadnock Bldg., S. F.

Contractor...Pacific Rolling Mill Co., Sharon Bldg., S. F.

Filed May 17, '13. Dated May 2, '13.

4th floor beams erected.....\$4280

Completed and accepted.....2140

Usual 35 days.....2130

TOTAL COST, \$8550

Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.

(1885) CONCRETE WALLS AND piers, grading, cement floors in basement for store rooms, etc., on above.

Contractor...P. Hurler.

Filed May 17, '13. Dated April 22, '13.

Walls and piers completed.....\$1016.25

Usual 35 days.....338.75

TOTAL COST, \$1355.00

Bond, \$678. Surety, Philip O'Donnell.

Limit, 15 days after May 16. Forfeit, \$20. Plans and specifications filed.

(1886) N VALLEJO 167-6 E Steiner E

38-9XN 137-6 W A 346. All work for alterations and additions to residence.

Owner.....D. W. Montgomery, 2350 Vallejo, San Francisco.

Architect...Albert Farr, 68 Post, S. F.

Contractor...J. R. Catherwood, Chronicle Bldg., S. F.

Filed May 17, '13. Dated May 17, '13.

Rough concrete work completed, steel girders set and building ready for plaster.....\$693

Plastering and garage floor completed.....693

Completed and accepted.....694

36 days after.....

TOTAL COST, \$2771

Bond, \$1387. Surety, Massachusetts Bonding & Insurance Co. Limit, 70 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

San Francisco.

May 10, 1913—N GEARY 137-6 W Mason N 137-6XW 68-9. Eva and George Metcalfe to Mutual Construction Co.....May 1, 1913

May 10, 1913—NW MONTGOMERY & Clay N 68-9XW 75, Lot 6 Blk 69. Behlow Estate Co to The Mutual Construction Co.....May 10, 1913

May 10, 1913—N LOMBARD, bet Polk and Larkin; No. 1246-1248 Lombard F A Nutter to Marvin G Lemons.....May 6, 1913

May 10, 1913—S TEHAMA 73 W 5th W 27 S 80 E 25 N 25 E 2 feet N 55. G De Paoli to Segursion Bros.....April 19, 1913

May 10, 1913—NW PACIFIC & JONES W 38-6XN 60. Jas F W McEvoy to whom it may concern.....May 1, 1913

May 10, 1913—SE MARKET & ECKER Crocker Estate Co to George MacGruer.....May 9, 1913

May 10, 1913—N SIXTEENTH, bet Rhode Island and De Haro. The West Coast Iron Co to Dyer Bros, May 7, '13; The Iron & Steel Construction Co.....May 7, 1913

May 12, 1913—NE LAGUNA & FELL N 120X E 27-6; Katharina Seipel to Ruegg Bros.....May 12, 1913

May 12, 1913—NE SEVENTEENTH & Hampshire E 200XN 133-4. Lux School of Industrial Training or the Lux School of Industrial Training to Continental Fireproofing Co.....May 10, 1913

May 12, 1913—NE WASHINGTON & Octavia E 137-6XN 127-8½. A B Spreckels to Munich Art Glass Co.....May 8, 1913

May 12, 1913—E NINETEENTH AVE 114-9 S Ulloa S 25X E 120. Bernard Wurthman to whom it may concern.....May 10, 1913

May 12, 1913—E LOCUST 100 S Clay S 27-8½X E 100. Rebecca Weinberg to Chas J U Koenig.....May 5, 1913

May 13, 1913—N SUTER 122-9 W Sansone W 122-3XN 137-6. Charles Holbrook to Rulofson Metal Window Works.....May 10, 1913

May 13, 1913—E VAN NESS AVE 31 S Bush S 40 E 84 S 49 E 25 N 120 W 25 S 31 W 84. Susan C Palmer to J W Carr.....May 8, 1913

May 13, 1913—McALLISTER NO. 378. B Langendorf to Wm Martin.....May 12, 1913

May 13, 1913—E FRANT 68-9 S Sacramento E 97-6X 22-11. Catherine C Dunn by agent P J Walker Co to Healy-Tibbitts Constr Co.....May 12, '13

May 13, 1913—N BUSH 147-6 E Gough E 60XN 120. Mary Heinman and Alice Marx to Frank F and Fred G Kronnick.....May 13, 1913

May 13, 1913—LOT 26 BLK "H" Mission Terrace. Wm and Francis Smith, William C and Catherine Mary Gilmore to whom it may concern.....May 8, 1913

May 14, 1913—E SEVENTEENTH AVE 75 N Anza (A) N 25X E 90. Thomas M Jones to Thomas M Jones.....May 14, 1913

May 14, 1913—N NINETEENTH 50 E San Bruno Ave 25X75. Giuseppe Cavaglieri to whom it may concern.....May 13, 1913

May 14, 1913—W OTSEGO AVE 50 S Santa Ysabel Ave th 25 W 125 N 25 E 125. A A Weendunk to whom it may concern.....May 12, 1913

May 14, 1913—N NINETEENTH 25 E San Bruno Ave 25X75. Giuseppe

Cavaglieri to whom it may concern
May 14, 1913—N NINETEENTH 75 E
San Bruno Ave 25x75. Guisepe
Cavaglieri to whom it may concern
May 13, 1913

May 14, 1913—N SACRAMENTO 225
E Drummond 119-6x6 50. Union
Pacific Salt Co to A M Wallen....
Completed

May 15, 1913—NE STEUART 45-10
SE Mission SE 45-10xNE 137-6. Jas
R Duggan and W J Yore to whom
it may concern.....May 15, 1913

May 15, 1913—N GREEN 100-6 W
Scott W 37-5 1/2 N 137-6 E 30-5 1/2 S
37-6 E 7 S 100. John W Van
Bergen to J Harold Johnson.....

May 15, 1913—W WORTH 192 N 22nd
N 48xW 125 Lot 5 Bldg 5 Noe Gar-
den Hd Un. Andrew V and Sophie
Anderson to whom it may concern
.....May 12, 1913

May 15, 1913—S DUNCAN 185 W
Guerrero W 25xS 114. M F Muller
to whom it may concern.....May 15, 1913

May 15, 1913—N NINETEENTH AVE
127-6 S Lake S 27-6xW 120. Fred-
erick D Boese to whom it may concern
.....May 14, 1913

May 15, 1913—N TWENTY-THIRD
105 W Castro W 150xN 114. Wm
F Altwater and Thomas Tibbett to
whom it may concern.....May 14, 1913

May 15, 1913—S RIVERA 100 E 18th
Ave E 35x120-2. Catherine V C
Scott to whom it may concern.....

May 16, 1913—SW LEAVENWORTH
and Francisco S 82-6xW 68-9.
Amadeo G Langenberger to Percy
M Lanford.....

May 16, 1913—SE POST & JONES S
60x E 70-6. Niels Larsen to Central
Iron Works.....May 15, 1913

May 15, 1913—N FLEBERT 122-6 E
Jones 20x60. Catherine Casassa to
A Sarraille.....May 14, 1913

May 16, 1913—E DIAMOND 172-6
(173-6) N 21st N 25x E 100. Bay
Cities Home Bldg Co to whom it
may concern.....May 10, 1913

May 16, 1913—E DIAMOND 122-6 N
21st N 25x E 100. Bay Cities Home
Bldg Co to whom it may concern.....

May 16, 1913—NW LAKE AND 16th
Ave N 100xW 57-6. Adelaide
Brown to R L Turner.....May 9, 1913

May 16, 1913—S VALLEJO 137-6 E
Scott S 32-6x75. Mary H Cunn-
ham to Harry C Warwick.....

May 16, 1913—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to Flinn & Treacy.....

May 17, 1913—SW SIXTH 50 SE Stev-
enson SE 25x75. Elizabeth R Lillis
to Continental Foreproofing Co.....

May 17, 1913—N TWENTY-SIXTH 135
E Noe 25x114. Ralph J Button to
whom it may concern.....May 17, 1913

May 17, 1913—N KEARNY 72-6 N
Post N 65xW 107-11. Ella F Young
Tr Est Wm W Young, dec'd to
Robert Trost.....May 14, 1913

May 17, 1913—W SIXTEENTH AVE
278-11 N Clement N 25xW 120.
Alfred Johnson & Jacob Weisbein
to whom it may concern.....May 15, 1913

May 17, 1913—NW MISSION 81.4 SW
Geneva Ave NW 100 SW 25 SE 100

m or 1 NE 25 m or 1 ptn Blk 4
West End Map No. 1. Carlo Varni
to Joseph Perasso & Gaetano
Moreton.....May 7, 1913
May 17, 1913—N LIBERTY 80 E
Church E 25xN 114. Caspar Hex-
berg to whom it may concern.....

LIENS FILED.

San Francisco.

May 6, 1913—NW GOLDEN GATE &
Jones N 137-6xW 137-6. W F Porter
Inc vs W H Taylor & Co, J S Con-
nell and Elwin L La Rue, co-
partners as Connell-La Rue Co and
J S Connell and Elwin L La Rue.....\$60

May 10, 1913—S COMMERCIAL 68-5
W Kearny W 39-6xS 120; Nos. 719
and 725 Commercial. L A Hinson vs
Cath. D Larroche, Bernard A J J
Castella, Marguerite L Porte, Jas
Harrison and Eva McCarthy.....\$1529

May 13, 1913—E KEARNY 137-6 S
Jackson E 110 S 27-6 W 32-9 1/2 S 10
W 77-2 1/2 N 37-6. Frank Schaad vs
Charles W and Magdalena Baird,
Amand and Mollie Decourteux,
Chas and Elizabeth Wollpert, John
G and Kate Iis and Magdalena
Baird, Trustee John Iis, dec'd.....\$3000

May 13, 1913—NW LISBON 425 NE
Excelsior Ave NE 25xNW 100. J
H Kruse vs Guisepe Musante, As-
sunte Musante & C J Musante.....\$672.62

May 15, 1913—N UNION 45 E Hyde E
47-6xN 67-6. Steiger Terra Cotta
& Pottery Works vs Venetian Co-
Operative Marble & Mosaic Co.....\$60.27

OAKLAND AND ALAMEDA COUNTY.

BANK—2 story and base, concrete
and frame, \$50,000. San Leandro, Al-
ameda Co., Cal. Architect, W. H.
Weeks, 75 Post St., S. F. Owners,
Bank of San Leandro. The building
will be erected at the corner of Hay-
wards and Estudillo streets and will
cover a considerable ground area.
Design is in the classic style with ex-
terior faced with cut stone. The en-
tire first floor will be arranged for
the banking rooms, public space and
private offices. Upper floor will contain
a number of modern offices. Interior
finish will be of hardwoods, marble
and tile. Ornamental plaster and or-
namental iron and bronze will also be
used. Special vaults are specified.
Plans are complete and figures are
now being taken.

AUDITORIUM STEEL—Cost not
stated. Oakland, Cal. Architects,
Palmer & Hornbostel, New York, as-
sociated with J. J. Donovan, Security
Bank Bldg., Oakland. Owners, City
of Oakland. Bldg opened on Thursday
last for the structural steel for the
\$500,000 auditorium building show
Dyer Bros. of San Francisco low at
\$177,000. A complete list of the fig-
ures submitted both for all work and
unit prices appears under the head-
ing of Oakland and Alameda County in
this issue.

RESIDENCE—2 story and base
frame, \$5,000. Oakland, Cal. Archi-
tect, C. H. Miller, Foxcroft Bldg., S. F.
Owner, Dr. R. T. Southerland. The
dwelling has been designed for an
eight-room house with bath and sleep-
ing porch. Interior will be finished in
pine and hardwood with hardwood
floors in the principal rooms. Bath

room will be finished in cement plas-
ter. Tile will be used in the kitchen.
There will be furnace heat and open
fire places. Mantels will be of tile or
brick. Exterior of the house will be
covered with cement plaster on metal
lath. Plans are complete and figures
are being taken.

RESIDENCE—2 story and base,
frame, \$15,000. Piedmont, Alameda Co.,
Cal. Architect, William Knowles,
Central Bank, Oakland, and Hearst
Bldg., S. F. Owner, F. Hall, Key Route
Inn, Oakland. This dwelling has been
mentioned here before when plans
were being prepared. Working draw-
ings are now completed and work has
been started by Day Labor. The dwell-
ing will contain fifteen living rooms,
several baths and sleeping porches.
Interior finish will be of pine, hard-
wood and white enamel. Bath rooms
will be finished in tile. Plans provide
for furnace heat, open fire places, a
vacuum cleaning system and auto-
matic water heaters. Hardwood floors
will be used in all principal rooms.
The exterior of the house will be cov-
ered with cement plaster on metal
lath.

RESIDENCE—2 story and base,
frame, \$2,000. Oakland, Cal. Archi-
tects, United Home Builders, 1762
Broadway, Oakland. Owner, George
D. Slater. The house will be designed
for a six-room dwelling with bath.
Interior will be finished in pine and
redwood with hardwood floors in the
living room, dining room and recep-
tion hall. There will be furnace heat
and open fire places. Mantels will be
of brick or tile. Tile will be used in
the bath room and kitchen. Exterior
of the house will be covered with ce-
ment plaster on metal lath. Plans are
complete and work will be done by
Day Labor.

RESIDENCE—2 story and base,
frame, \$4,500. Berkeley, Alameda Co.,
Cal. Architect, Harris Allen, 2514
Hillegass Ave., Berkeley. Owner, W.
G. White. The dwelling will contain
seven or eight rooms with bath and
sleeping porch. All interior finish will
be of pine or white enamel. Hard-
wood floors will be used in the prin-
cipal rooms. Plans include furnace
heat and open fire places. Mantels
will be of brick. Bath room will be
finished in cement plaster with some
tile floors. Tile will also be used in
the kitchen. An automatic water
heater will be installed. Exterior of
the house will be covered with cement
plaster on metal lath. Plans for this
work are now being prepared.

BUNGALOWS—30, 1 and 1 1/2 story
and base, frame dwellings, \$2,000 to
\$2,500. Oakland, Cal. Architect, none.
Owner, G. B. Hollenbeck, 5210 Fairfax,
Oakland. These houses will be erect-
ed in the Wadean Tract and each
house will be arranged for either five
or six rooms and bath. Interiors will
be finished in pine with hardwood
floors in the living room and dining
room. There will be open fire places
and tile or brick mantels. Tile will
be used in the bath rooms and kitch-
ens. Exteriors will be covered with
cement plaster, rustic and shingles.
Plans are complete and the work will
be done by Day Labor.

RESIDENCE—2 story and base,
frame, \$3,500. Oakland, Cal. Architect,
none. Owner, E. Massberg, 5301 Dover
St., Oakland. The dwelling has been
designed for an eight-room house
with bath and sleeping porch. Inte-

floor finish will be of pine with some elm panels. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are complete and the work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$3,250. Berkeley, Alameda Co. Cal. Architect, none. Owners, Patrick-Nelson Co., 2025 Addison St., Berkeley. The house will be erected in the Northbrae Tract and has been designed for a seven-room dwelling with bath and sleeping porch. Interior finish will be of pine with hardwood floors in the principal rooms. There will be a large open fire place with brick or tile mantel in the living room. Tile will also be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—2 story and base, frame, \$17,000. Oakland, Cal. Architect, M. I. Diggs, 9444 Bowditch St., Berkeley. Owner, W. J. Schmidt. The building will be erected at the corner of 55th and Telegraph avenue, and will be arranged for stores on the first floor and a number of two and three room suites in the upper floor. Interior finish will be of pine throughout. All apartments will have connecting bath rooms and wall beds. The exterior of the building will be covered with cement plaster. Some marble wainscot will be used. Plans are complete and figures are being taken.

STORES—1 story and base, brick. Cost not stated. Oakland, Cal. Architect, none. Owner, P. J. Walker, Monadnock Bldg., S. E. The building will be erected on Franklin street between 12th and 13th streets. There will be two stores with patent store fronts and plate glass windows. Interior finish will be of pine. The exterior of the building will be faced with pressed brick. It is stated that the owner contemplates constructing an eight-story class A building on this site at a later date. Construction will be done by Day Labor. Mr. Walker is now purchasing all materials.

STORES AND OFFICES—1½ story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, Benj. G. McDougall, Sheldon Bldg., S. E. Owners, Carlson and Snyder. This building, which is to be erected at the corner of 15th and Broadway, has been mentioned here a number of times before. The steel work has been let and figures are now being taken for all other parts of the building. Segregated bids are being taken.

BANK AND OFFICES—11 story and base. Class A construction. Cost not stated. Oakland, Cal. Architects, L. B. Dutton & Co., Chronicle Bldg., S. E. Owners, First Trust and Savings Bank. The architect is taking figures from three or four low men on certain alternative propositions in connection with the construction of this building. The building is to be erected at the corner of 16th and San Pablo avenue. Bids on the alternate propositions were opened last Friday and an award of contract will be made this week.

Auditorium Steel Bids At Oakland.

**Dyer Bros. Low for Work Which Has
Here Figured Three Times. Bids
Referred to City Attorney.**

Bids were opened Thursday for the third time for the structural steel on the Oakland Auditorium. Three firms submitted bids. Bids were received as follows for the entire work:

Pacific Constr. Co.	\$134,990
Dyer Bros.	177,000
Pacific Rolling Mills.	203,959

Unit Prices.

Straight beams, with or without connections, Pacific Constr. Co., .038; Dyer Bros., .035; Pacific Rolling Mills, .041. Plate girders, Pacific Constr. Co., .046; Dyer Bros., .04; Pacific Rolling Mills, .0475.

Trusses or built up lumber, Pacific Constr. Co., .047; Dyer Bros., .045; Pacific Rolling Mills, .056.

Rods, Pacific Constr. Co., .068; Dyer Bros., .04; Pacific Rolling Mills, .0505. Bent work, Pacific Constr. Co., .074; Dyer Bros., .045; Pacific Rolling Mills, .078.

All bids were referred to the City Attorney.

Open Bids For The Durant School Job.

**Oakland Board of Education Receive
Six Sets of Figures at Meeting Last
Monday.**

Bids were opened Monday between 5:30 and 6 o'clock by the Oakland Board of Education for the construction of the Durant School, which is to be erected on West street at the corner of 29th street. Plans for the building were prepared by Architect J. J. Donovan. Amweg & Co., 244 Kearny street, San Francisco, presented the lowest bid at \$99,500 with an alternate of \$101,000. No award of contract has been made. Besides the bids on the general construction four alternative propositions were asked for as follows: (A) making all construction Class "C" and adding wing on west side. (B) deduct for interior finish. (C) substituting terra cotta for sheet metal window trim and (D) substituting Mission tile for tar and gravel roof.

Construction Durant School

O. B. Ackerman & Son, \$110,337; (a) \$120,600; (b) \$4,647; (c) \$1,760; (d) \$3,100.

Thurston & Co., \$114,965; (a) \$110,499; (b) \$5,000; (c) \$15,000; (d) \$3,500.

Van Sant-Houghton Co., \$101,593; (a) \$99,998; (b) \$3,500; (c) \$11,366; (d) \$3,018.

Amweg & Co., \$99,500; (a) \$101,000; (b) \$3,800; (c) \$3,063; (d) \$2,403.

Christensen Bros., \$104,566; (a) \$120,277; (b) \$4,489; (c) \$5,973; (d) \$2,200.

Matthews & Griffith, \$105,337; (a) \$104,777; (b) \$3,000; (c) \$10,000; (d) \$3,500.

BUILDING CONTRACT RESCINDED.

May 16, 1913—Owner, L. Gotthelm with Felix Marcuse, contractor. Contract filed, September 5, 1912.

Bidding Contracts Awarded. Oakland.

1489	Lanza	.....	Campomponosi	1450
1490	Rix	.....	Kerrigan	2350
1491	Rossini	.....	Perona	425
1492	Pfrang	.....	Pfrang	2500
1493	Pfrang	.....	Pfrang	2500
1494	Grube	.....	Grube	2500
1495	Root	.....	Lydicksen	500
1497	Abrott	.....	Elvin	1000
1498	Hall	.....	Knowles	15000
1499	Drake	.....	Bradford	2400
1500	Stephens	.....	Sheridan	5194
1502	Cardinet	.....	Price	400
1504	Cal Cotton	.....	Owner	500
1505	Security Inv	.....	Owner	50000
1510	Merz	.....	Merz	2500
1511	O'Neill	.....	Gilman	600
1512	Larson	.....	Johnson	1800
1513	Jones	.....	Jones	2300
1514	S. P.	.....	Moller	2350
1516	Thomson	.....	Walker	155000
1517	Carlston	.....	Lindgren	6975
1521	Liljenberg	.....	Hart	5500
1522	Nelsen	.....	Nelsen	1800
1523	Hodgekiss	.....	Chase	3000
1524	Tolka	.....	Porter	1350
1525	Edwards	.....	Edwards	2500
1526	Brown	.....	Brown	2200
1527	Massberg	.....	Massberg	2500
1528	Pleintner	.....	Pleintner	2000
1529	Marquis	.....	Marquis	1200
1534	Clare	.....	Graff	2500
1540	Edwards	.....	Scott	400
1541	Mierkle	.....	Kennedy	400
1542	Crellin	.....	Kennedy	500
1543	Phillips	.....	Dieke	400
1544	Benning	.....	Sprague	500
1545	White	.....	Johnson	500
1546	Ashman	.....	Ollis	500
1547	Tripplett	.....	Hurlbut	450
1548	Dawson	.....	Foreer	1125
1549	Holden	.....	Holden	2000
1551	W'n Pac	.....	Pac Co Dredg	500
1552	Moore	.....	Peterson	5238
1554	Beane	.....	Keith	1250
1555	Dadas	.....	Dadas	150
1556	Beynon	.....	Reom	2000
1557	Graves	.....	Graves	1500
1558	Slater	.....	United Bldrs	4000
1559	Oakland	.....	Kimball	2030
1560	Same	.....	Victor	5618
1561	Same	.....	Cotton	2924
1563	Hayward	.....	Anderson	4225
1564	Rich	.....	MacGregor	3500
1566	Hirsch	.....	Emmel	2254
1567	Wishart	.....	Schnebl	2250
1568	Thomson	.....	Denison	1575
1569	Grave	.....	Grave	2000
1570	Fackoury	.....	Moore	1930
1571	Anglin	.....	Johnston	2000

(Correction in Contractor)

(1487) SW TWENTY-SIXTH AND Broadway 122 ft. 4 in. on Broadway and 119 ft. 9 in. on 26th, Oakland. Brick work and excavation for piers and footings, etc., for one-story and basement brick stores.

Owner.....Hugo Abrahamson, 13th & Washington, Oakland.

Architect.....F. D. Voorhes, Central Bank Bldg., Oakland.

Contractor.....J. W. Eber, 1011 Franklin, Oakland.

Filed May 10, '13. Dated May 8, '13.

1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2398

Bond, \$1199. Surety, Fidelity & Deposit Co. Limit, 60 days. Forfeit, none

Plans and specifications filed.

(1489) W BOLD AVE 100 N Cavour, Oakland. One-story 4-room dwlg.

Owner.....P. Lanza, 454 Avon, Okd.

Architect.....None.

Contractor.....E. Campomponosi, 5186 Miles Ave., Oakland.

COST, \$1450

(1496) SW MANILA AND NAVY AVES Oakland. One-story 5-room dwlg.

Owner.....G. Rix, Claremont Country Club, Oakland.

Architect.....None.

Contractor.....Wm. H. Kerrigan, 5153 Shafter Ave., Oakland.

COST, \$2350

(1491) NO. 915 FIFTH, Oakland. Two story stable.
Owner.....A. Rosshni, Premises.
Architect...None.
Contractor..John Perona, 590 3rd, Okd.
COST, \$425

(1492) N MIRANDA 90 W Claremont, Oakland. Two-story 5-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work.....COST, \$2500

(1493) N MIRANDA 120 W Claremont, Oakland. Two-story 5-room dwlg.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work.....COST, \$2500

(1494) E CARRINGTON AVE 100 N Hastings, Oakland. Two-story 6-room dwelling.
Owner.....O. Grube, 1171 14th, Okd.
Architect...None.
Day's work.....COST, \$2500

(1495) N E-FOURTEENTH 196 E 23rd Ave., Oakland. Addition.
Owner.....H. Root, S. F.
Architect...None.
Contractor..Geo. H. Lydixsen, 1616 25th Ave., Oakland.
COST, \$500

(1397) R NINETY-FIFTH AVE 45 N 1st, Oakland. One-story 4-room dwlg.
Owner.....Wm. Abbott, Elmhurst.
Architect...None.
Contractor..Fre1 Elvin, 1415 6th, Ala.
COST, \$1000

(1498) LOT 120 Crocker Tract, Piedmont. Fifteen-room frame residence.
Owner.....F. Hall, Key Route Inn, Oakland.
Architect...Wm. Knowles, 425 Central Bank Bldg., Oakland.
Day's work.....COST, \$15,000

(1499) SW LAVERNE AVE 387.05 NW 55th Ave W 35xSW 100, Okd. All work for one-story 5-room dwlg.
Owner.....May H. and T. M. Drake, 830 Center, Oakland.
Architect...None.
Contractor..C. O. Bradhoff, 5502 Market, Oakland.
Filed May 12, '13. Dated April 22, '13.
Frame up, rafters and sheathing on\$600
1st coat plaster on 600
Completed and accepted 600
Usual 35 days 600
TOTAL COST, \$2400
Bond, none. Limit, 90 days after April 25. Forfeit, \$5. Plans and specifications filed.

(1500) LOT 20 Map Lake Shore Park Heights, Oakland. All work for two-story and barement frame dwelling.
Owner.....A. B. & Mattie V. Stephens, Oakland.
Architect...Milwain Bros., Delger Bldg., Oakland.
Contractor..Phil Sheridan, 1510 Harmon, Berkeley.
Filed May 12, '13. Dated May 9, '13.
Frame up & chimneys built.....\$1298.50
Exterior wall completed and rough coat mortar on 1298.50
Completed and accepted and notice filed 1298.50
Usual 35 days 1298.50
TOTAL COST, \$5149.00

Bond, \$2600. Surety, U. S. Fidelity & Guaranty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

(1503) NO. 1131 KIRKHAM, Oakland. Galvanized iron garage.
Owner.....Cardinet Bros., Premises.
Architect...None.
Contractor..J. O. Price, Blake Block, Oakland.
COST, \$400

(1504) E VALDEZ & RAILROAD AVE Oakland. Repairs.
Owner.....California Cotton Mills Co. Premises.
Architect...None.
Day's work.....COST, \$500

(1505) E ALICIA 470 S 19th, Oakland. Three-story 57-room apartments.
Owner.....Security Investors Realty Co., 614-616 Metropolis Bank, San Francisco.
Architect...O. E. Evans, 2367 Mission, San Francisco.
Day's work.....COST, \$50,000

(1510) NE LENWOOD & EVERS AVE. Oakland. One-story 6-room dwlg.
Owner.....Mrs. A. Merz, Oakland.
Architect...None.
Contractor..Harris & Hudson, 1957 E-35th, Oakland.
COST, \$2500

(1511) NO. 2137 MYRTLE, Oakland. Alterations.
Owner.....Mrs. M. O'Neil, Premises.
Architect...None.
Contractor..Gilman & Wiant, 2207 San Pablo Ave., Oakland.
COST, \$600

(1512) W FIFTIETH AVE 80 N Ygnacio Oakland. One-story 5-room dwlg.
Owner.....Antone Larson, 3037 E-22nd, Oakland.
Architect...None.
Contractor..Olson & Johnson, 2185 50th Ave., Oakland.
COST, \$1800

(1513) E EIGHTY-SEVENTH AVE 125 S Holly, Oakland. One-story 7-room dwelling.
Owner.....J. W. Jones, 1418 Broadway, Oakland.
Architect...None.
Day's work.....COST, \$2300

(1514) SIXTEENTH ST. DEPOT, Oakland. Three-story reinforced concrete signal tower.
Owner.....Southern Pacific Co., Okd.
Architect...None.
Contractor..R. W. Moller, 180 Jessie, San Francisco.
COST, \$3850

(1516) NE COR. SEVENTEENTH AND Broadway. Ten-story Class "A" office building.
Owner.....Miss Lucy Fay Thomson, 1955 Webster, Oakland.
Architect...Walter D. Reed, Oakland Bank Savings Bldg., Okd.
Contractor..P. J. Walker Co., Oakland Bank of Svgs Bldg., Okd.
COST, \$155,000

(1517) 33.27 FROM INTERSECTION E Telegraph and W Broadway SW 108.33 NW 36.56 NE 104 SE 3.70, Oakland. Excavating and foundations for 12-story, attic and basement steel cage Class "A" office building.

Owner.....J. F. Cariston and A. J. Synder, 1st National Bank Bldg., Oakland.
Architect...B. G. McDougall, Sheldon Bldg., San Francisco.
Contractor..The Lindgren Co., Mo-nadnock Bldg., S. F.
Filed May 13, '13. Dated May 5, '13.
Once a month 75%
Usual 35 days 25%
TOTAL COST, \$6975

Bond, none. Limit, 80 days after May 15. Forfeit, \$50. Plans and specifications filed.

(1521) NOS. 1561-63 SEVENTH being Lots 19 and 29 Blk 309 Map City of Oakland, Oakland. Raising, remodeling and constructing the present frame building and placing foundations thereunder and erecting and fully completing frame building on land connected with such raised building.
Owner.....Frank Liljenberg, 544 Linden, Oakland.
Architect...None.
Contractor..D. R. Hart, 704 14th, Okd.
Filed May 14, '13. Dated May 6, '13.
Raised and foundations in\$1500
Plastering completed 1500
Completed and accepted 1500
Usual 35 days 1650
TOTAL COST, \$6150

Bond, none. Limit, 60 days after June 2. Forfeit, none. Plans and specifications, none.

(1522) E PARK 115 S Oregon, Oakland. One-story 5-room dwelling.
Owner.....Edw. Nelsen, 746 58th, Okd.
Architect...None.
Day's work.....COST, \$1800

(1523) E WENTWORTH 206 W Vicksburg, Oakland. One-story 5-room dwelling.
Owner.....A. Hodgekiss, — Franklin, Oakland.
Architect...None.
Contractor..A. B. Chase, 5310 Dover, Oakland.
COST, \$3000

(1524) W THIRTY-FOURTH AVE 125 S E-14th, Oakland. One-story store.
Owner.....Maurice Tolka, 1818 Brush Oakland.
Architect...None.
Contractor..J. N. Porter, 2029 Rutherford, Oakland.
COST, \$1350

(1525) SW FORTIETH AND HOWE, Oakland. One-story 5-room dwlg.
Owner.....Dr. C. O. Edwards, Prem.
Architect...Erwin Schaefer, Bacon Block, Oakland.
Day's work.....COST, \$2500

(1526) W THIRTY-FIFTH AVE 40 E Alexander Court, Oakland. One-story 5-room dwelling.
Owner.....W. C. Brown, 3909 Boulevard, Oakland.
Architect...None.
Day's work.....COST, \$2200

(1527) E REGENT 100 N Alcatraz Ave, Oakland. Two-story 8-room dwelling.
Owner.....E. Massberg, 5301 Dover, Oakland.
Architect...None.
Day's work.....COST, \$3500

(1528) E EIGHTY-SIXTH, bet Birch and Olive, Oakland. One-story five-room dwelling.

BUILDING AND INDUSTRIAL NEWS

Owner.....JL. A. Ploetner, 954 Fruitvale Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$2000

(1529) W MILES AVE 450 N Hudson, Oakland. One-story 4-room dwlg.
 Owner.....E. M. Marquis, 2827 Russell, Berkeley.
 Architect...None.
 Day's work..... COST, \$1200

(1531) LOT 11 BLK 12 Map Broadmoor Subdivision, San Leandro. All work for one-story 5-room dwelling.
 Owner.....H. J. and Clara T. Clare, 754 Wood, Oakland.
 Architect...None.
 Contractors...Edwin C. Graff, San Leandro.

Filed May 14, '13. Dated May 14, '13.
 Frame up 1/4
 Brown coated 1/4
 Completed 1/4
 Usual 35 days..... 1/4
 TOTAL COST, \$2500
 Bond, none. Limit, 90 days after May 20. Forfeit, \$5. Plans and specifications filed.

(1540) NO. 1923 HARRISON, Oakland. Garage.
 Owner.....A. F. Edwards, Premises.
 Architect...None.
 Contractor...G. A. Scott, 635 23rd, Okd. COST, \$400

(1541) NO. 867 THIRTY-SIXTH, Oakland. Addition.
 Owner.....Mierkle, Premises.
 Architect...None.
 Contractor...F. T. Kennedy, 954 Rose Ave., Piedmont. COST, \$400

(1542) NO. 1005 WASHINGTON, Oakland. Alterations.
 Owner.....Crellin Estate, 836 Alice, Oakland.
 Architect...None.
 Contractor...F. T. Kennedy, 954 Rose Ave., Piedmont COST, \$500

(1543) NO. 1675 ATLANTIC, Oakland. Alterations.
 Owner.....B. D. Phillips, Foot of Perkins St., Oakland.
 Architect...None.
 Contractor...G. Deike, 1802 15th Ave., Oakland. COST, \$400

(1544) NE SIXTH AND ALICE, Oakland. Alterations.
 Owner.....F. K. Hennings, Premises.
 Architect...P. Schwerdt, Phelan Bldg., San Francisco.
 Contractor...J. B. Sprague, 1632 46th Ave., Oakland. COST, \$500

(1545) NO. 5621 OAK GROVE AVE., Oakland. Addition.
 Owner.....D. W. White, Premises.
 Architect...None.
 Contractor...G. Johnson, 1811 Rose, Berkeley. COST, \$500

(1546) NO. 837 FIFTY-NINTH, Oakland. Alterations and repairs.
 Owner.....Ashman, Premises.
 Architect...None.
 Contractor...Chas. B. Ollis, 2906 King, Berkeley. COST, \$500

(1547) NO. 1718 EIGHTY-EIGHTH Ave., Oakland. Addition.
 Owner.....Mrs. Triplett.
 Architect...None.

Contractor...Huribut & Holland, 541 E-16th, Oakland. COST, \$450

(1548) NO. 1621 FRUITVALE AVE., Oakland. Alterations.
 Owner.....E. R. Dawson, 3206 E-14th, Oakland.
 Architect...None.
 Contractor...J. N. Porter, 2029 Rutherford, Oakland. COST, \$1125

(1549) N SYLVAN AVE 340 W Maple Ave., Oakland. Two-story six-room dwelling.
 Owner.....Chas. F. Holden, 3616 Bonar Oakland.
 Architect...None.
 Day's work..... COST, \$2000

(1551) E SIDE BAY OF SAN FRANCISCO N of U. S. Government Training wall along N side Oakland estuary. Dredging.
 Owner.....Western Pacific Railway Co., Third & Washington, Oakland.
 Architect...None.
 Contractor...Pacific Coast Dredging & Reclamation Co.

Filed May 15, '13. Dated May 14, '13.
 Completed 75%
 36 days after 25%
 TOTAL COST, 15 1/2 cents per cu. yard
 Bond, \$1650. Surety, Aetna Accident & Liability Co. Limit, none. Forfeit, none. Plans only filed.

(1552) E CARMEL AVE 92.46 S Blair Ave S 50xE 152, Piedmont. All work except water heater, furnace, ducts and registers, wall paper, finish hardware and lighting fixtures for two-story frame dwelling.
 Owner.....George P. Moore, Oakland.
 Architect...Frederick Soderberg, Union Savings Bank Bldg., Okd.
 Contractor...Alfred Peterson, Okd.
 Filed May 15, '13. Dated May 15, '13.
 Frame sheathed and chimneys built \$1309
 Ready for plaster..... 1309
 Completed and accepted..... 1309
 Usual 35 days..... 1312
 TOTAL COST, \$5239
 Bond, none. Limit, 75 days. Forfeit, \$2. Plans and specifications filed.

(1554) W EIGHTY-FIRST AVE 59 S Olive, Oakland. One-story four-room dwelling.
 Owner.....Frank L. Beas, — Opal, Oakland.
 Architect...None.
 Contractor...Chas. E. Keith, 2207 82nd Ave., Oakland. COST, \$1250

(1555) N CHASE 300 W Wood, Oakland. One-story 4-room dwelling.
 Owner.....John Dadas, 725 Willow, Oakland.
 Architect...None.
 Day's work..... COST, \$1350

(1556) S FORTY-FIRST 160 W Telegraph Ave., Oakland. One and one-half-story 5-room dwelling.
 Owner.....Benj. P. Beynon, 564 47th, Oakland.
 Architect...None.
 Contractor...N. Z. Reom & Sons, 1135 Grand Ave., Oakland. COST, \$2000

(1557) E WOODRUFF AVE 140 S Hampel, Oakland. One-story 5-room dwelling.

Owner.....J. Graves, 307 Elwood Ave., Oakland.

Architect...None. COST, \$1500

(1558) SW BROOKLYN AVE AND Mont Clair Ave., Oakland. Two-story 7-room dwelling and garage.
 Owner.....George D. Slater, Okd.
 Architect...None.
 Contractor...United Home Bldrs., 1762 Broadway, Oakland. COST, \$4000

(1559) W MARKET, bet 53rd and 54th Oakland. Electric work for school building.
 Owner.....City of Oakland.
 Architect...John J. Donovan, Security Bank Bldg., Oakland.
 Contractor...Boyd, Kerr & McLain, 110 Jessie, San Francisco.
 Sub-Contractor...Kimball Eled. Co., 1314 Webster, Oakland.

Filed May 16, '13. Dated April 1, '13.
 On 25th of each month..... 75%
 Within 3 days after final payment made on original contract 25%
 TOTAL COST, \$2030
 Bond, \$1015. Surety, Title Guaranty & Surety Co. Limit, forfeit, none. Plans and specifications, none.

(1560) HEATING AND VENTILATING on above.
 Sub-Contractor...Victor Eng. Co., 21 Spear, San Francisco.
 Filed May 16, '13. Dated Mar. 14, '13.
 Payments same as above.....

TOTAL COST, \$5518
 Bond, \$2759. Surety, New England Casualty Co. Limit, forfeit, none. Plans and specifications, none.

(1561) PLUMBING ON ABOVE.
 Contractor...Thos. R. Catton, 1011 Franklin, Oakland.
 Filed May 16, '13. Dated Mar. 5, '13.
 End of each month when same payment is collected on original contract 75%
 30 days after completed and accepted 25%
 TOTAL COST, \$2924
 Bond, limit, forfeit, none. Plans and specifications, none.

(1563) SW CURTIS AND SE TRACT land conveyed by Executors of Est. Paxton D. Atherton to John Kanner SW 295.33 SE 295 NE 295.33 NW 295, Hayward. All work for one-story and basement frame school.
 Owner.....Hayward School District, Hayward.
 Architect...William Wilde, Albany Block, Oakland.
 Contractor...E. Anderson.

Filed May 16, '13. Dated May 1, '13.
 1st Monday of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$1323
 Bond, \$2200. Sureties, Joe S. Betten-court and Fred Schmidt. Limit, 100 days. Forfeit, none. Plans and specifications filed

(1564) LOT 12 BLK 2-S64 East Piedmont Heights, Oakland. All work for two-story dwelling.
 Owner.....A. M. Rich, 843 60th, Okd.
 Architect...None.
 Contractor...C. M. MacGregor, 470 13th, Oakland

Filed May 15, '13. Dated May 6, '13.
 Frame up \$75
 Rough coat plaster on interior and exterior \$75
 Completed and accepted..... \$75

Usual 35 days..... \$75

TOTAL COST, \$3500

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1566) FACING ON BROADWAY, SAN Pablo Ave. and 16th, Oakland. Store fixture work for Class "A" store in Kahn Realty Co. Building.

Lessee.....B. Hirsch Co., 89 Battery, San Francisco.

Architect...C. W. Dickey, Central Bk. Bldg., Oakland.

Contractor...L. & E. Emanuel Inc., 141 12th, San Francisco.

Filed May 16, '13. Dated May 15, '13. On 1st and 15th of each month..... 75%

Usual 35 days after completion and acceptance..... 25%

TOTAL COST, \$2224

Bond, none. Limit, July 1. Forfeit, none. Plans and specifications filed.

(1567) FACING ON BROADWAY, San Pablo Ave. and 16th, Oakland. Store fixture work for Class "A" store in Kahn Realty Co. Building.

Lessee.....W. A. Wishart, 1001 Washington, Oakland.

Architect...C. W. Dickey, Central Bk. Bldg., Oakland.

Contractor...Schuchly, Hostrowser & Pedgrift, 1943 Broadway, Oakland.

Filed May 16, '13. Dated May 13, '13. On 1st and 15th of each month..... 75%

Usual 35 days after completion and acceptance..... 25%

TOTAL COST, \$2250

Bond, none. Limit, July 5. Forfeit, none. Plans and specifications filed.

(1568) NE SEVENTEENTH & BROADWAY, Oakland. Excavating, bulkheading, shoring, pumping, etc., for ten-story Class "A" office building.

Owner.....Lucy F. Thomson, 1955 Webster, Oakland; agent P. J. Walker Co., Oakland Bk. of Svcs., Oakland.

Architect...W. D. Reed, Oakland Bank of Svcs., Bldg., Oakland.

Contractor...Denison & Pilkington.

Filed May 17, '13. Dated May 17, '13. Each Saturday..... 75%

Usual 35 days after completion and acceptance..... 25%

TOTAL COST, \$1570

Bond, \$785. Surety, U. S. Fidelity & Guaranty Co. Limit, 35 days. Forfeit, \$50. Plans and specifications filed.

(1569) SW FORTY-FIRST AVE AND Santa Rita, Oakland. One-story five-room dwelling.

Owner.....Alice Grave, 1342 53rd Ave., Oakland.

Architect...None.

Day's work. COST, \$2000

(1570) N SEVENTH 111 W Campbell, Oakland. One-story stores.

Owner.....Mike Packoury, 1620 7th, Oakland.

Architect...None.

Contractor...R. E. Moore, Hotel Rex, Oakland.

COST, \$1339

(1571) W EIGHTY-FIFTH AVE 120 S Birch, Oakland. One-story five-room dwelling.

Owner.....Mrs. W. E. Anglin, Frem.

Architect...None.

Contractor...J. C. Johnston, 2606 Union, Oakland.

Building Contracts Awarded Berkeley.

1488	Holm	Holm	2500
1496	Dauza	Anderson	2184
1502	Jackson	Engler	4000
1515	Riggs	Riggs	2400
1518	Sherman	Koch	14063
1519	Long	Sullivan	2300
1520	Gedsden	Geary	1500
1521	Ericsson	Ericsson	1000
1532	Runde	Sullivan	2250
1532	Sanborn	Phillips	2577
1538	Sheep	Allen	509
1538	Jackson	Jones	400
1550	Wood	Riddell	2900
1553	20th Home	Pearson	16998
1562	Gerbs	Abnehfeld	5334
1565	Edwards	Montgomery	1590

(1488) S Carlton 132 E Baker, Berkeley. One and one-half-story eight-room dwelling.

Owner.....A. Holm, 1405 Carlton, Bkly

Architect...George L. Streshly, 1333 Parker, Berkeley.

Day's work. COST, \$2500

(1496) N HEARTST AVE 100 W Grant, Berkeley. One-story 5-room dwlg.

Owner.....Antone Dauza, Bonita Ave., Berkeley.

Architect...None.

Contractor...Edw. Anderson, 3915 17th, San Francisco.

COST, \$2184

(1502) E REGENT 50 S Derby, Berkeley. All work for two-story dwlg.

Owner.....F. A. Jackson, 2239 Ellsworth, Berkeley.

Architect...None.

Contractor...Louis Engler, 2728 Benvenue Ave., Berkeley.

Filed May 12, '13. Dated May 10, '13. Plastering completed.....\$2000

Completed and accepted..... 1000

Usual 35 days..... 1000

TOTAL COST, \$4000

Bond, none. Limit, 65 days. Forfeit, none. Plans and specifications filed.

(1515) S DERBY 277½ E Ellsworth, Berkeley. One-story 5-room dwlg.

Owner.....A. T. Riggs, 2310 Durant Ave., Berkeley.

Architect...None.

Day's work. COST, \$2400

(1518) COR. DWIGHT. WAY AND Piedmont Ave., Berkeley. All work except interior painting, plumbing and heating for two-story basement and attic frame-dwelling.

Owner.....T. M. Shearman, 2799 Benvenue Ave., Berkeley.

Architect...W. H. Ratcliff Jr., 1st National Bank Bldg., Berkeley.

Contractor...H. D. Koch, 1816 Parker, Berkeley.

Filed May 13, '13. Dated May 9, '13. Frame up and boarding on..... ½

Rough coat plaster on interior and exterior..... ½

Completed and accepted..... ½

Usual 35 days..... ½

TOTAL COST, \$14,068

Bond, \$7034. Surety, National Surety Co. Limit, 120 days. Forfeit, none.

Plans and specifications filed.

(1519) E 34 FEET OF LOT 5 RANGE 7 Map of Sdhvn 687 Hardy Tract, Berkeley. All work for one and one-half-story 5-room dwelling.

Owner.....Ida A. Long, 2419 McGee, Berkeley.

Architect...None.

Contractor...H. E. Sullivan, 6441 Harmon Court, Oakland.

Filed May 13, '13. Dated May 9, '13. Frame up..... ½

Brown coated..... ¾

Completed..... ¾

Usual 35 days..... ¾

TOTAL COST, \$2300

Bond, \$1159. Surety, American Surety Co. Limit, Sept. 9. Forfeit, none.

Plans and specifications filed.

(1520) E ACTON 358 N Channing Way, Berkeley. One-story 4-room dwlg.

Owner.....Charles Gedsden, 832 32nd, Oakland.

Architect...None.

Contractor...L. G. Geary, 3352 Lockley Ave., Oakland.

COST, \$1500

(1531) S CEDAR 70 W Tenth, Berkeley. One-story 4-room dwelling.

Owner.....Carl Ericsson, 1346 Nielson, Berkeley.

Architect...None.

Day's work. COST, \$1000

(1532) W BONITA AVE 442 12 N Berryman N 40xW 125, Berkeley. All work for one-story 5-room dwelling.

Owner.....C. H. G. Runde, 2004 Yolo Ave., Berkeley.

Architect...None.

Contractor...Sullivan Bros., 6452 Harmon Court, Berkeley.

Filed May 14, '13. Dated May 14, '13. Frame up.....\$562.50

Brown coated..... 562.50

Completed and accepted..... 562.50

Usual 35 days..... 562.50

TOTAL COST, \$2250.00

Bond, none. Limit, 60 days after May 15. Forfeit, none. Plans and specifications filed.

(1533) LOT "R" BLK 8 Northbrae Tract No. 1, Berkeley. All work for one-story dwelling.

Owner.....Besse R. Smith and J. Adelaide Smith Sanborn, Bkly.

Architect...None.

Contractor...J. H. Phillips, 228 23rd Ave, San Francisco.

Filed May 14, '13. Dated May 13, '13. Frame up and accepted.....\$570

Brown coated and accepted..... 570

Completed and accepted..... 570

Usual 35 days after notice filed..... 567

TOTAL COST, \$2277

Bond, \$1000. Surety, V. L. Bauer. Limit, 60 days. Forfeit, \$16. Plans and specifications, none.

(1538) W BENVENUE 150 N Webster, Berkeley. Alterations.

Owner.....Wm. Sheep, 2905 Benvenue, Berkeley.

Architect...None.

Contractor...F. E. Allen, 468 34th, Okd.

COST, \$500

(1539) NO. 2711 CLAREMONT BLVD., Berkeley. Alterations.

Owner.....Mr. Jackson, Premises.

Architect...None.

Contractor...Jones & McGovern, 2218 Los Angeles Ave., Bkly.

COST, \$400

(1550) E DANA 60 S Webster, Berkeley. Two-story five-room dwelling

Owner.....G. S. Wood, 1524 Arch, Berkeley.

Architect...None.

Contractor...Junk-Riddell Co., 2247 Telegraph Ave., Berkeley.

COST, \$2900

(1553) DERBY E College Ave., Berkeley. All work for two-story and basement frame club house.

owner.....Twentieth Century Home Association.
Architect.....Parker & Kenyon, 244 Kearny, San Francisco.
Contractor.....Ben Pearson, 2403 Grant, Berkeley.

Filed May 14, '13. Dated May 12, '13.
Foundation in and 1st floor joists set\$2549.70
Frame up and all wall and roof sheathing on2519.70
Enclosed and 1st coat plaster on2549.70
Plastering completed and windows and sashes placed.....2549.70
Completed and accepted.....2549.70
Usual 35 days.....4249.50

TOTAL COST, \$16,998.00

Bond, \$8500. Surety, National Surety Co. Limit, Sept. 1, forfeit, none. Plans and specifications filed.

(1563) LOTS 28 AND 29 BLK 1 Hopkins Terrace No. 4, Berkeley. All work for two-story dwelling.
Owner.....Emil Gerbs, Berkeley.
Architect.....None.
Contractor.....Henry Ahnefeld, 3005 King, Berkeley.

Filed May 16, '13. Dated May 15, '13.
Frame up\$1314.50
1st coat plaster on1314.85
Completed and accepted.....1314.85
Usual 35 days (by giving equity in lot)1390.00

TOTAL COST, \$5334.50

Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

(1565) PLOT 73 BDED ON N BY S Town of Berkeley E and S land of Rosa C. Saunders on W by lands of Davis and Grannau lying 2 43-100 of Peralta Reserve, Oakland. All work for one-story and basement dwlg.
Owner.....B. F. Edwards, Oakland.
Architect.....A. W. Smith, 1010 Broadway, Oakland.
Contractor.....W. S. Montgomery, 2321 Ward, Berkeley.

Filed May 16, '13. Dated May 16, '13.
Frame up\$500
Completed and accepted.....690
Usual 35 days.....400

TOTAL COST, \$1590

Bond, none. Limit, July 1, forfeit, \$1. Plans and specifications filed.

Building Contracts Awarded

Alameda.

1501	Adams	Junk	4360
1506	Motion Picture	Owner	500
1507	MacFerron	Dexter	1750
1508	Morris	Gates	400
1509	Bausch	Andersen	4500
1529	Chittenden	Spence	2000
1535	Co-Op Bldg	Owner	2000
1536	Burgner	Burgner	1900
1537	Bolts	Bolts	2500

(1501) LOT 23 BLK 1 Arlington Heights, Alameda Co. All work for two-story frame dwelling.
Owner.....George F. Adams, Bkly.
Architect.....W. H. Ratcliff Jr., 1st National Bank Bldg, Bkly.
Contractor.....Junk-Kiddell Invs. Co., 2247 Telegraph Ave., Bkly.

Filed May 12, '13. Dated April 28, '13.
Frame up and boarding on.....\$1090
Rough coat plaster on.....1090
Completed and accepted.....1090
Usual 35 days.....1090

TOTAL COST, \$4360

Bond, \$2180. Surety, American Bonding Co. Limit, 60 days from date of filing. Forfeit, \$5. Plans and specifications filed.

(1506) NOS. 1925-1931 WEBSTER, Alameda. Alterations.
Owner.....Vim Motion Picture Co., 508 Syndicate Bldg., Okd.
Architect.....None.
Day's work.....COST, \$500

(1507) N FAIR OAKS AVE 300 W Carolina, Alameda. One-story dwlg.
Owner.....O. P. MacFerron, 639 14th, Oakland.
Architect.....Plans by Contractor.
Contractor.....B. R. Dexter, 2212 Grove, Oakland.
COST, \$1750

(1508) NO. 2157 SAN JOSE AVE., Alameda. Alterations.
Owner.....T. G. Morris, 2245 San Jose Ave., Alameda.
Architect.....None.
Contractor.....H. H. Gates, 2407 Santa Clara Ave., Alameda.
COST, \$400

(1509) NOS. 2044-2046 CENTRAL AVE Alameda. Two-story flats.
Owner.....Charles Bausch, 2044 1/2 Central Ave., Alameda.
Architect.....Plans by Contractor.
Contractor.....H. C. Andersen, 1229 Pearl, Alameda.
COST, \$4800

(1520) NEAR NILES, Alameda Co. Repair and new work on Hotel Belvoir.
Owner.....Mrs. E. L. Chittenden.
Architect.....Andrew P. Hill Jr.
Contractor.....A. T. Spence.
Filed May 13, '13. Dated May 8, '13.
After 30 days two-thirds expenses incurred to date
After 60 days two-thirds expenses incurred to date
After 90 days two-thirds expenses incurred to date
Usual 35 days.....Final payment
CONTRACTOR to receive 1% of contract price.
Bond, \$3000. Sureties, W. H. Owens and H. Browing. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(1535) NO. 3261 CENTRAL AVE., Alameda. One-story dwelling.
Owner.....Co-Operative Bldg. Co., 3014 Central Ave., Ala.
Architect.....None.
Day's work.....COST, \$2000

(1536) NO. 1526 HIGH, Alameda. One story 6-room dwelling.
Owner.....A. J. Burgner, 1601 High, Alameda.
Architect.....None.
Day's work.....COST, \$1900

(1537) NO. 818 HAIGHT AVE., Alameda. One-story dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect.....None.
Day's work.....COST, \$2500

Completion Notices.

ALAMEDA COUNTY.

May 12, 1913—S GLENDALE AVE 150 E Manila Ave, 40x100, Okd. Mrs H I Tisdale to C F Legris.. May 10, 1913
May 12, 1913—REAR GLEN GARRY Apartments on Cor. Le Roy and Ridge Road, Bkly. P George Gow to A Olson.....May 9, 1913
May 12, 1913—LOT 21 Map "A" Re-

sbdivn Ptn Blk "V" Vernon Park, Oakland Tp. Blanche Hadley Strong to Otto Mallanen.....May 1, '13
May 13, 1913—LOT 6 BLK 3 Northbrae, Bkly. James Waidle to R Waidle & Co.....May 9, 1913
May 13, 1913—W 40 FT. OF S 100 LOT 6 Blk 1 Map University Homestead Ass'n No. 5, Bkly. C T Jones to Bevel & Jones.....May 10, 1913
May 15, 1913—PTN LOT 7 BLK "L" Map Vernon Park, Okd. James F Peck to whom it may concern.....May 1, 1913
May 15, 1913—E LUSK 144.6 N Appar E 123xN 36, Okd. J L Rick to whom it may concern.....May 14, 1913
May 16, 1913—S CLIFTON 100 NV Manila Ave 32.5x120, Okd. George Herbert Pitt to Geary & Ross.....May 13, 1913
May 16, 1913—LOT 184 Sbdvn 24 Map Resbdivn of Peralta Park, Okd. Standard Home Bldrs to Jacob KollmerMay 14, 1913
May 16, 1913—LOT 27 BLK "M" Map 4th Ave Terrace; No. 3836 Linwood Ave, Okd. Frank C Howe to Wallace & Berry.....May 15, 1913
May 16, 1913—LOTS 20 & 21 Foot Hill Park (one dwelling on each lot), Okd H L Wood to T E StanleyMay 15, 1913

LIENS FILED.

ALAMEDA COUNTY.

Dalzell, \$558.73 vs Laura C Hall.. May 9, 1913—S FORTY-SEVENTH 362.96 E Market E 50xS 100, Okd. Sunset Lumber Co vs Carlo Dossa and Giovanna Dossa and A Brisa & Co\$134.20
May 10, 1913—E LENOX AVE 260 S Van Buren Ave E 40xE 150, Okd. E K Wood Lumber Co, \$95.44; J W Realty, \$73.61; Strable Mfg Co, \$65.39 vs Laura C Hall and Geo A Jenks\$72.33
May 12, 1913—LOT 6 BLK 16 Highland Sbdvn of Adams Point Ppty, Okd. De Fremery-Cadman Materials Co vs Laura C Hall and Gus Peterson\$54.85
May 9, 1913—S LENOX AVE 260 S Van Buren Ave S 40xE 150, Okd. W P Fuller & Co vs Laura C Hall\$72.33
May 12, 1913—E LENOX AVE 260 S Van Buren Ave S 40xE 150, Okd. W W Hitchcock, \$20.91; J H Reynolds, \$52.60 vs Laura C Hall and G A Jenks\$72.33
May 12, 1913—LOT 6 BLK 16 Map Highland Sbdvn Adams Point Ppty, Okd. Pierce Hardware Co vs Laura C Hall & G A Jenks..\$83.20
May 15, 1913—S FORTY-FIRST 150 E Grove 32xS 100, Okd. Frederick D Black\$1000
May 15, 1913—LOTS 20 AND 21 BLK "H" Map Knowles Potter Sbdvn of Kennedy Tract, Okd. Peter Basilvino\$3000
May 16, 1913—N CENTRAL AVE 120 Ft. 1 in. W High W 40xN 174, Ala. Lucy May Kalas (wf Antony Thomas)\$5000

ABANDONMENT OF HOMESTEAD.

May 12, 1913—SE SHAFTER AVE & SW Clifton SW along Shafter Ave 31 S 50, Okd. James F and Hazel S Miley (sometimes known as Ellis) May 12, 1913—S WILDER 465 E San Publ Ave E 60x120, Bkly. Helen E and Erastus R Williams.....

SAN JOSE AND THE SANTA CLARA VALLEY.

LODGE HALL—2 story and base, frame, \$15,000. Redwood City, San Mateo Co., Cal. Architects, Warren Skilling and Le Baron R. Olive, associated, Garden City Bank Bldg., San Jose. Owners, Forcesters of America. The building will be designed for the exclusive use of the order and will contain a large dance hall, banquet room, meeting rooms and offices of the organization. Interior will be finished in pine and hardwood. A central heating system will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and figures are being taken. Bids will be opened on May 21st.

RESIDENCE — 2 story and base, frame, \$50,000. Fair Oaks, San Mateo Co., Cal. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, Willia Kumpf. The dwelling will be designed for a large country home, containing fourteen living rooms, five baths and sleeping porches. A two-story frame garage with accommodations for three machines and living room above will also be erected on the site. The grounds also will be laid out in beautiful garden plots, lily ponds, pergolas and road ways. The exterior of the building will be in modern classic style. The house will contain a large living room, 20x30; dining room, 15x15; kitchen, 15x14; butler's pantry, servants' dining rooms, 12x14; breakfast room, 12x12; billiard room, 18x20; main bed room, 24x24 with boudoir adjoining, children's bed room, 15x15; three guests' rooms about 12x 15; five bath rooms and three servants' rooms. The rooms will all be artistically finished in hardwoods and will be richly wall papered. Floors will be of oak. Gas and electricity will be installed also steam heat, hot water circulating system and vacuum cleaner. The exterior of the building will be faced with cement plaster. Plans for the work are now being prepared.

RESIDENCES—Frame construction. Cost not stated. San Jose, Santa Clara Co., Cal. Architects, none. The following Day Labor jobs are reported as about to be started in San Jose: P. E. Peterson, 432 San Fernando St., 1½ story and base, frame, \$2,500; S. G. Pelton, 445 South 3rd St., 6 room frame cottage, \$2,000.

Building Contracts.

SANTA CLARA COUNTY.

E FIFTH, 5th Lot S of Margaret, San Jose. One and one-half-story residence. Owner.....P. E. Peterson, 452 W-San Fernando, San Jose. Architect...F. D. Wolfe, 1st National Bank Bldg., San Jose Contractor....Selfe, 452 W-San Fernando, San Jose. **COST, \$2500**

NO. 161 GRANT, San Jose. One-story tool house. Owner.....Kiley Bros., 162 Grant, San Jose. Architect...None. Day's work. **COST, \$500**

SW COR. SANTA CLARA AND 14TH, San Jose. Six-room cottage.

Owner.....S. G. Pelton, 445 S-Thrd, San Jose. Architect...None. Day's work. **COST, \$2000**

NW COR. JACKSON AND FOURTH, San Jose. One-story addition. Owner.....P. Russo, Premises. Architect...None. Day's work. **COST, \$450**

W FIFTH, 2nd Lot S San Salvadore, San Jose. Six-room cottage. Owner.....J. F. Cambiano, 858 S-7th, San Jose. Architect...None. Day's work. **COST, \$2000**

W SIDE OF N THIRTY-THIRD, San Jose. Four-room cottage. Owner.....G. W. Congahle, Premises. Architect...None. Day's work. **COST, \$800**

W FIFTEENTH, 3rd Lot S of San Carlos, San Jose. Six-room cottage. Owner.....F. O. Nelson, Room 88, Imperial Hotel, San Jose. Architect...None. Day's work. **COST, \$2500**

NO. 447 N-NINETEENTH, San Jose. Three-room cottage. Owner.....W. E. Woodhams, 19 N-2nd, San Jose. Architect...None. Day's work. **COST, \$500**
SV ROSA AND 21ST, San Jose. Five-room cottage. Owner.....V. Pleracco, Premises. Architect...None. Day's work. **COST, \$1500**

S POST, 3rd Lot W Vine, San Jose. One-story warehouse. Owner.....Owen D. Richardson, Knox Block, San Jose. Architect...None. Contractor...R. O. Summers, 17 N-First, San Jose. **COST, \$1242**

NO. 103 N-TWENTY-SEVENTH, San Jose. Four-room shack. Owner.....G. A. Slebert, Premises. Architect...None. Day's work. **COST, \$450**

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

RESIDENCE — 2 story and base, frame, \$3,000. Lafayette, Contra Costa Co., Cal. Architect, Harris Allen, 2514 Hillergrass Ave., Berkeley. Owner, Miss M. S. Dyer. The dwelling will contain eight-rooms, bath and sleeping porch. Interior will be finished in pine throughout. Hardwood floors will be used in the living room, dining room, and reception hall. There will be furnace heat and open fire places. Mantels will be of brick or tile. Tile will be used in the bath room and kitchen. An automatic water-heater will be installed. Exterior of the dwelling will be covered with clapboards. Plans are complete and figures are being taken.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

RECORDED **ACCEPTED**
May 12, 1913—LOTS 11 AND 12 BLK 15, City of Richmond. Richmond Knights of Pythias Hall Ass'n to Pluth & Morton.....May 2, 1913

May 9, 1913—LOTS 4, 5, 6 Blk 24, City of Richmond. G L Messerle to C E Doty.....May 7, 1913

Release of Liens.

CONTRA COSTA COUNTY.

RECORDED	AMOUNT
May 9, 1913—LOTS 11 AND 12 BLK 15, Antloch. Hutchinson Co to F G Rother.....	\$149.67
May 15, 1913—LOT 3, BLK 18, Bay Point. John P Maxwell to A Engel.....	\$237.92
May 16, 1913—LOTS 3 AND 4 BLK 18, Bay Point. W P Fuller & Co to Adolph Engel.....	\$269

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

THEATRE—2 story and base, brick and steel, \$45,000. Turlock, Stanislaus Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Turlock capital. This building has been mentioned here before when plans were first started. The building will contain stores and the theatre on the first floor and offices and lodge rooms on the upper floors. The main auditorium of the theatre will have a seating capacity of 750 people. Interior will be hand-somely finished. A complete stage equipment will be installed. Exterior of the building will be faced with pressed brick. Plans are complete and the architect is now taking figures for the work.

COURT HOUSE ALTERATIONS—Brick construction, \$15,000. Modesto, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows' Bldg., Stockton. Owners, Stanislaus County. Plans for extensive alterations to the old court house building have been completed and bids are now being taken. The work will include considerable exterior alteration as well as interior rearrange of offices; new plastering, plumbing and electric work and painting. Steam heat will be installed. The exterior of the building will be faced with pressed brick and cement plaster. Bids will be opened on July 20th. Plans can be secured from the architect.

STORES AND OFFICES—2 story and base, brick, \$20,000. Bakersfield, Kern Co., Cal. Architect's name not given. Owner, H. H. Fish, Bakersfield. The building will occupy a corner site and will cover an area of 65x115 feet. There will be several stores on the first floor with plate glass display windows in patent fronts. Upper floors will be arranged for offices. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Bids will be called for at once.

Contracts Awarded.

SCHOOL—1 story and base, brick and frame, \$20,000. Porterville, Tulare Co., Cal. Architect, F. W. Griffin, First National Bank Bldg., Porterville. Owners, Porterville School District. Contractor, C. Griffin, Fresno. Contract price, \$15,500. Other bidders on the work were: G. A. Noble, Visalia, \$15,850; Trewbitt & Shields, Hanford, \$16,000; S. H. MacKeen, Terra Bella, \$16,626; Graham, Lapp & Kirkpatrick, Exeter, \$17,210; C. R. Greenough, Porterville, \$17,887; Marlow & Sons, Lindsay, \$21,158.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

HOTEL ALTERATIONS—Brick construction, \$10,000. Stockton, San Joaquin Co., Cal. Architect, A. L. Phillips, Hotel Stockton. Owner, Mrs. Carrie Bishop. This work will include considerable structural iron, plastering, plumbing and painting. Wall beds will be installed. Interior finish will be of pine. Some marble work is also specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

Building Contracts.

SACRAMENTO COUNTY.

THIRD ST., bet N line of "I" and S line of "M" (Oakland, Antioch & Eastern Railway is owner of and in possession of a franchise granted by City of Sacramento for a double track interurban railway, over, along and upon said Third St., bet N line of "I" and intersection of said Third street with "M". Paving for reconstruction of a double track street railway over and along and upon.
Owner.....Pacific Gas & Elec. Co.
Architect.....None.
Contractor.....Clark & Henry Constr. Co.
Ochner Bldg., Sacramento.
Filed May 14, '13. Dated May 1, '13.
COST, \$5000

GALT. Pacific Plenum system of heating and ventilating for school bldg.
Owner.....Trustees of the Galt Joint Union High School District
Architect.....C. H. Russell, Humboldt Bank Bldg., S. F.
Contractor.....Pacific Blower & Heating Co., Monadnock Bldg., S. F.
Filed May 13, '13. Dated April 22, '13.
COST, \$3500

W ½ OF 5, 1, 3, 7TH AND 8TH STS., Sacramento. Alterations to building
Owner.....Dora G. Logue, Chas. Gebert, Irma and Earl Wingard, 2430 O St., Sacramento.
Architect.....None.
Contractor.....C. J. Guth, 1516 27th St., Sacramento.
Filed April 26, '13. Dated April 18, '13.
COST, \$15,188

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED	ACCEPTED
May 12, 1913—LOT 1, K, L, 13TH & 14th Sts., Sacramento. P L and M T Lykins to Murcell & Haley..	.....May 9, 1913

Liens Filed.

SACRAMENTO COUNTY.

RECORDED	AMOUNT
May 16, 1913—LOT 4 L. M. 5TH AND 6th Sts., Sacramento. W E Stevens vs R E Thompson (building owned by John T Stull)	.....\$49.20
May 10, 1913—NEAR FOLSOM, labor on a certain dredge mining apparatus situated on mining claim of Union Dredging Co. Root, Niel-	

son & Co vs Union Dredging Co..
.....\$74.90

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 2 AND 4 BLK 5 E, Stockton. All work for remodeling rooming house.
Owner.....Mrs. Carrie Bishop, Stockton.
Architect.....A. L. Phillips, Physicians' Bldg., Stockton.
Contractor.....W. C. Finnell, 421 E-Jefferson, Stockton.
Filed May 13, '13. Dated May 12, '13.
New floor laid.....\$2000
Interior plastering done.....2000
Building finished.....2000
Building accepted.....2200
TOTAL COST, \$3200
Bond, limit, forfeit, none. Plans and specifications filed.

NO. 628 N-EDISON, Stockton. Remodel residence. New front, porch, sleeping porches, etc.
Owner.....F. Gottini, Premises.
Architect.....Ralph P. Morrell, Rooms 12 to 15 I. O. O. F. Bldg., Stockton.
Contractor.....J. V. Grey, Stockton.
Filed May 12, '13. Dated May 10, '13.
All wood work finished.....\$652.50
All work completed.....652.50
TOTAL COST, \$1305.00
Bond, none. Surety, W. J. Scott, Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

SCHOOL GROUP—9 buildings, brick and concrete construction. Cost not stated. Los Angeles, Cal. Architect, State Architect Woollett, Sacramento. Owners, State of California. Plans for the State Norman School which is to be erected at Los Angeles have been completed and are now in the hands of the contractors for figures. Bids will be opened in the offices of the State Board of Control on June 5th at 12 o'clock. Plans and specifications can be secured from the State Engineer at Sacramento. The official proposal appears in another column of this issue.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Western Building Co., Lankershim Bldg., L. A. Owner, G. A. Thiele, 1129 Trenton St., L. A. The building will have a street frontage of 40 feet and a depth of 130 feet. Interior will be arranged for 65 rooms divided into two and three room suites. All apartments will have private bath rooms and will be equipped with wall beds. Plans include steam heat, an automatic elevator and vacuum cleaning system. Interior finish will be of pine and hardwoods. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken by the owner.

APARTMENT HOUSE—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, Arthur G. Lindley, 1. W. Hellman Bldg., L. A. Owners, Los Angeles Securities Co. The building will be erected on a corner site and will cover an area of 73x128 feet. Plans provide for a total of 140 rooms, which will be arranged in two and three room suites with baths

and wall beds. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service, a vacuum cleaning system and hot water plant. Exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are being prepared.

APARTMENT HOUSE—3 and 4 story brick and steel. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, 1. W. Hellman Bldg., L. A. Owner, Richard Webb. The building will cover an area of 50x95 feet. Interior will contain 65 rooms arranged in suites of two and three rooms each with baths and wall beds. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. Plans provide for elevator service, steam heat and a vacuum cleaning system. Entrance will be finished in tile and marble. The exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

BANK AND OFFICES—2 story and base. Class A construction. Cost not stated. Redondo Beach, Los Angeles Co., Cal. Architect, L. B. Pemberton, Auditorium Bldg., L. A. Owners, Farmers' and Merchants' National Bank of Redondo. The building will be erected at one of the important corners. The entire first floor is to be occupied by the bank. Second floor will be arranged for a number of offices. Interior finish of the first floor will be of hardwood, marble, tile and ornamental plaster and bronze. Upper floor will be finished in pine and hardwood. Construction will be of the reinforced concrete type and fireproof throughout. Special bank fixtures, bank vaults and safe deposit vaults will be installed. Exterior of the building will be faced with matt glazed terra cotta. Plans are being prepared.

LODGE HALL—4 story and base. Class B construction, \$75,000. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Knights of Columbus. The building will cover an area of 62½x160 feet. The first and second floors will be devoted to the auditorium with completely equipped stage, gallery and lounging rooms. The third floor will contain lodge rooms, smoking rooms, parlors, dining room and kitchen. The fourth floor will be subdivided into apartments for the members. Interior finish will be of pine and hardwood. There will be steam heat, elevator service and a vacuum cleaning system. A large and well equipped gymnasium will occupy the basement. Exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and bids are being taken for the work.

SCHOOL GYMNASIUMS—2, 1 story and basement, brick. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica High School District. This work has been mentioned here before. Plans provide for two separate buildings, one for the boys and one for the girls. A brick wall which is to be erected around the athletic field will also be included in this contract. Plans may be secured from the architects. Bids are now being taken and will be opened on May 28th.

RESIDENCE—2 story and base, brick. Cost not stated. Hollywood, Los Angeles Co., Cal. Architects, Krucker & Deckbar, Ferguson Bldg., L. A. Owner, Mrs. R. Thomas. The dwelling has been designed for a fourteen room house with sleeping porches and several baths. A brick garage will be erected on the same lot. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Plans provide for a central heating system and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile with cement floors. An automatic water heater will be installed. Exterior of the dwelling and garage will be faced with pressed brick and cement plaster. A clay tile roof will be used. Plans are complete and figures are being taken.

STORES AND LOFTS—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin. Higgins Bldg., L. A. Owners, Dunn-Albright-Ames Co. The building will cover an area of 33x75 feet and will be arranged for stores on the first floor and lofts above. Interior finish will be of pine throughout. Entrance and vestibule will be wainscoted in tile and marble. There will be metal lath partitions, metal window sash and frames and fireproof doors. Patent store fronts are specified. The exterior of the building will be faced with pressed brick. Plans are complete and ready for figures.

LOFTS—5 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Krempel & Erkes, Henne Bldg., L. A. Owner, Carl Kurtz. The building will be erected on Los Angeles street between 7th and 8th streets, and will cover an area of 50x136 feet. Construction will be of reinforced concrete, including walls, floors and roof slabs. There will be metal lath partitions, fireproof doors and metal window sash and frames. Interior finish will be of pine. Plans provide for elevator service, spiral chutes and sidewalk doors, lifts and lights. Plans are being prepared.

OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Myron Hunt. Hibernian Bldg., L. A. Owner, H. E. Huntington. This work has been mentioned here before when plans were first started. The structure will be erected at the northwest corner of 12th and Main streets and will cover an area of 120x172 feet. Construction will be fireproof throughout with a complete steel frame, concrete floors, roof and metal interior finish. The basement and sub-basement and foundation will be constructed at once, and will be used as a substation by the Pacific Light and Power Co. Work on the superstructure will be started the first of next year. Bids will be called for shortly on the foundation work.

OFFICES—14 story and base. Class A construction, \$500,000. Los Angeles, Cal. Architect, A. Martyn Haenke. Story Bldg., L. A. Owners, Los Angeles Home Builders. This building will be erected at the corner of 8th and Spring streets and will contain 400 modern offices. The work has been described in these columns before. Specifications include reinforced concrete floors and roof slabs, brick filler walls and glazed terra cotta facing. Interior partitions will be of metal lath

and plaster and hollow tile. Lobby and corridors will be finished in marble and tile. Interior trim will be of metal and mahogany. Metal window sash and frames will be used.

BANK—1 story and base, brick. Cost not stated. Burbank, Los Angeles Co., Cal. Architects Krempel & Erkes, Henne Bldg., L. A. Owners, Farmers' and Merchants' National Bank. The building will be designed in the classic style and will cover an area of 26x60 feet. The entire structure will be devoted to the use of the bank. Interior will be finished in hardwoods and marble. Reinforced concrete vaults will be constructed. The exterior of the building will be faced with glazed terra cotta. Plans are being prepared.

LODGE HALL—2 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Westlake Masonic Lodge Association. This work has been mentioned here before when plans were first started. Working drawings are nearly complete and bids will be called for shortly. The building will cover an area of 40x95 feet. The first floor will contain a banquet room, ball room, basement, several large cub rooms, and the lodge rooms will occupy the second floor. Interior finish will be of pine and hardwood. A central heating system will be installed. Exterior of the building will be faced with pressed brick.

LIBRARY—1 story and part base, brick, \$10,000. Watts, Los Angeles Co., Cal. Architect, Elmore R. Jeffery. Citizens' National Bank Bldg., L. A. Owners, Town of Watts. The building will cover an area of 70x30 feet and will be designed in the classic style. There will be two main reading rooms and a stack room. Interior finish will be of pine and hardwood. The exterior of the building will be faced with pressed brick trimmed with artificial stone. A central heating system will be installed. Plans are being prepared.

LODGE HALL—3 story and base, brick and steel, \$30,000. Riverside, Riverside Co., Cal. Architects, S. L. Gilhar and Welmer P. Lamar, Crescent Bldg., Riverside, L. A. Owners, Riverside Elks' Hall Association. The building will be erected at the corner of Market and Whittier Place, and will cover a large area. The first floor will contain the entrance and lobby, finished in marble and tile, besides a large library, billiard room, parlors and offices, which will be finished in oak. A large auditorium with a gallery seating 500 people will occupy the second floor. Third floor will be arranged for lodge rooms, eight single rooms and ten apartments. Plans also provide for a roof garden. The basement of the building will contain a banquet hall, cafe and gymnasium. There will be steam heat, elevator service, a vacuum cleaning plant and hot water system. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

Contracts Awarded.

LOFTS—6 story and base, reinforced concrete, \$75,000. Los Angeles, Cal. Architects, California Real Estate and Building Co., 631 South Spring St., L. A. Owners, California Real Estate and Building Co. Contractors, Somers & Lund, Security Bank Bldg., L. A. Contract price, \$75,000.

LOFTS—3 story and base, brick, \$30,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, S. W. Newmark Contractors, Alta Planning Mill Co., 820 McGarry St., L. A. Contract price, \$30,000.

APARTMENT HOUSE—7 story and base, reinforced concrete, \$125,000. Long Beach, Los Angeles Co., Cal. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, Edward Tinsert. Contractors, Dutro-Wren Construction Co., 10 American Ave., Long Beach. Contract price, \$125,000.

PORTLAND AND OREGON.

APARTMENT HOUSE—4 story and base, brick and steel, \$55,000. Portland, Ore. Architects, Bennes & Hendricks, Henry Bldg., Portland. Owner, A. C. Callan. The building is to be erected in Portland Heights and will cover an area of 60x90 feet. Each of the four floors will be subdivided into three modern apartments with wall beds and private baths. Interiors will be finished in pine and hardwood. Plans provide for steam heat, automatic elevators, dumb waiters and a vacuum cleaning system. Main entrance and lobby will be finished in marble, ornamental plaster and hardwoods. Baths will have tile wainscot and tile floors. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

APARTMENT HOUSE—4 story and base, reinforced concrete, \$50,000. Portland, Ore. Architect, J. S. Atkins, Henry Bldg., Portland. Owner, M. J. Buell. The building will cover an area of 48x140 feet. There will be a number of two and three room suites with wall beds and private bath rooms. Plans include steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine and hardwood with some ornamental plaster used in the amusement room. Exterior of the building will be faced with cement plaster. Bath rooms will be finished in tile with cement floors. Plans are complete and figures are being taken for the work.

WATER SYSTEM—Cost not stated. Salem, Ore. Engineers not selected. Owners, Santiam Water Co., Salem. For the purpose of supplying water from the Little North Fork of the Santiam River to Salem and other valley towns, the Santiam Water Company has been organized and articles of incorporation will be filed immediately. The company is capitalized at \$300,000. The incorporators are W. E. Pierce, a capitalist of Boise, Idaho; Charles Theis, of Spokane, and John D. Turner, a Salem lawyer. The principal office of the company will be at Salem. It is announced that the company will lay a pipe line from the Little North Fork of the Santiam to Salem and the State institutions and also supply water to Stayton, Turner, Aumsville and Sublimity.

STORES AND OFFICES—8 story and base. Class A construction. Cost not stated. Portland, Ore. Architects, Doyle & Patterson, Portland. Owner, H. L. Pittock. The building will cover the entire city block bounded by Washington, Stark, West Park and Tenth streets, and while designed for an eight-story structure, only the first three floors will be erected at the present time.

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ent time. Construction will be fireproof throughout. The basement and sub-basement will be occupied as a substation by the Northwestern Electric Co. Preliminary sketches were originally prepared by a San Francisco architect, and at that time the building, which was to have been of the reinforced concrete type of construction, contained a large theatre to be used by the Hielg Theatre. Present plans include no theatre. Construction will be undertaken as soon as plans can be completed.

Contracts Awarded.

LODGE HALL—2 story and base, brick and steel, \$31,000. Roseburg, Ore. Architect, Earl A. Roberts, Selling Bldg., Portland. Owners, Roseburg Elks' Hall Association. Contractors, W. C. Arthur & Sons, Lumber Exchange Bldg., Portland. Contract price, \$31,000.

STORES AND OFFICES—2 story and base, reinforced concrete, \$50,000. Portland, Ore. Architects, Whitehouse & Foulhoux, Wilcox Bldg., Portland. Owners, Balfour-Guthrie Co. Contractors, Boysjohn-Arnold Co., Wilcox Bldg., Portland. Contract price, \$50,000.

SEATTLE AND WASHINGTON.

HOTEL—4 story and base, brick and steel, \$70,000. Seattle, Wash. Architect, A. Wickham, Lyon Bldg., Seattle. Owners, Yesler Estate. This building will be erected at the corner of Yesler Way and Post street and will cover a large area. The building has been designed for a commercial hotel with stores on the first floor besides a barber shop, cafe and hotel offices and lobby. Upper floors will contain in the neighborhood of 150 guest rooms about one-half of which will have private baths. There will be steam heat, elevator service, a hot water plant and vacuum cleaning system. Interior finish will be of pine and hardwood with ornamental plaster used in the lobby and offices. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

APARTMENT HOUSE—6 story and base, reinforced concrete, \$325,000. Seattle, Wash. Architect, James H. Schaak, T. S. Lippy Bldg., Seattle. Owner, Eugene Brown. The building will be erected on 6th avenue between Pike and Pine streets and will have a frontage on the avenue of 120 feet and will extend back 150 feet. Construction will be fireproof throughout with reinforced concrete floors, walls and roof. Interior partitions will be of hollow tile and metal lath and plaster. The first floor will be arranged for

stores and the entrance and lobby of the apartment house. Each of the upper five floors will be divided into 25 suites of two rooms each and five suites of three rooms. Mechanical equipment will embrace steam heat, elevator service, vacuum cleaning system and a water cooling plant. Interior finish will be of pine and hardwoods. Marble and tile will be used extensively. All suites will have wall beds and private baths. Exterior of the building will be faced with cement plaster. Plans are to be completed at once and construction will be started this summer.

BANK—3 story and base, brick and stone. Cost not stated. Seattle, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Broadway State Bank. The building will be erected at the corner of Broadway and East Pike streets, and will cover an area of 34x52 feet. Interior of the first floor will be divided into public space, work space, private offices and vault rooms. Upper floors will be arranged for president's office and directors' rooms. Interior finish will be of hardwood, marble, tile and ornamental plaster and bronze. There will be steam heat and a vacuum cleaning system. Special vaults will be constructed. The exterior of the building will be faced with pressed brick. Bids will be called for about the first of June.

BANK—2 story and base, brick and concrete, \$35,000. Castle Rock, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Castle Rock Bank. The building will be erected on a corner lot and is of the classic design. The first floor will be fitted up for the banking rooms and will be handsomely finished in tile, marble and hardwoods. Concrete vaults will be constructed. Upper floor will be arranged for offices. There will be a central heating system. The exterior of the building will be faced with pressed brick and cement plaster. Plans are complete and figures are being taken.

MASONRY DAM—\$1,500,000. Cedar River, Wash. Engineer, City Engineer Dimock, Seattle. Owners, City of Seattle. Plans and specifications have been approved and bids will be opened on June 13th for the construction of the Cedar River Gravity Dam. Plans and specifications may be secured from the Board of Public Works. The structure on which about \$400,000 has already been expended by force account under the supervision of City Engineer Dimock, will cost about \$1,500,000, the part to be constructed under this call for bids costing \$1,000,000. The specifications call for the

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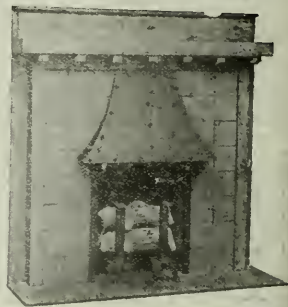
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construction of a masonry dam 200 feet high, 800 feet long, 200 feet wide at the bottom and 15 feet wide at the top and containing about 150,000 cubic yards of stone. The work also includes the construction of an outlet tunnel about 1600 feet long, and 11 feet in diameter, inside dimension, also of concrete construction. The elevation under this contract will be 1,550 feet to be developed later to an elevation of 1600 feet at an additional cost of about \$300,000.

HOTEL—16 story and base. Class A construction, \$600,000. Tacoma, Wash. Architects, Heath & Gove, National Realty Bldg., Tacoma. Owners, National Realty Co., L. D. Pratt, President. This building will be erected at the corner of 12th avenue and Pacific street and will contain a total of 250 rooms, all of which will have connecting baths. Construction will be fireproof throughout. Working drawings have just been started and it will be sometime before bids are called. Further mention of the work will be made in these columns.

DEPOT—2 story and base. Class A construction. Cost not stated. Spokane, Wash. Engineer, J. R. Holman, care of O.-W. Ry. and N. Co., Seattle. Owners, Oregon-Washington Railroad and Navigation Co. and the C. M. and P. S. Ry. Co. A union depot is to be erected by the two above named railroads in Spokane, and it is stated that plans are complete and have been approved. Engineer Holman of Seattle will soon issue a call for bids.

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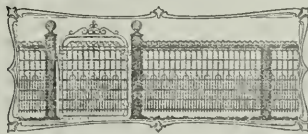
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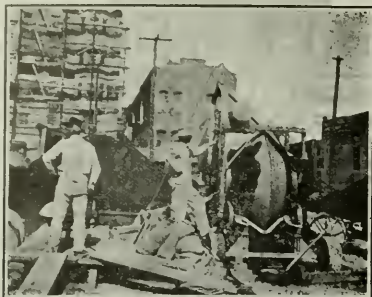


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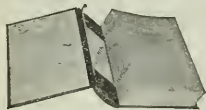
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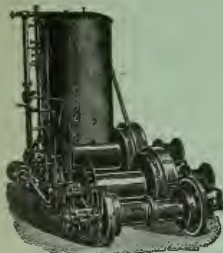


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Editorial Comment.

Governor Johnson has waited a reasonable time for protesters after which he has signed the Anti-Alien land bill just as he said he would do. Which reminds one of the able magistrate who announced "I will now take this case under advisement until next Monday, at which time I shall render my decision in favor of the plaintiff."

And which in the case of Johnson was the perfectly proper thing to do. He definitely stated his position in the matter, clearly outlined the policy and duty of his state and waited to see if there was any urgent reason why he should not sign the bill. Hearing nothing new he has signed it just as he said he would and the Eastern papers can say what they please.

The attitude of many of the Eastern papers is absolutely unintelligible to a person living here. For instance many of them say it is because the Californians are lazy and shiftless farmers that they object to a more thrifty and industrious race. If such is the case and a living is easy here why not import farmers from New England and the middle states. Surely we are glad to welcome all good citizens and are seeking, and have sought that kind of immigration.

It now remains to be seen what is to be done by the political shysters and agitators in the matter of the referendum. The Governor well states that to invoke the referendum means a delay of all such legislation and nullifies the effect of the law till the general election in 1914. If those who profess to be sincere in the leasing clause are sincere in their contention they will invoke the Initiative and leave the law as it stands.

The Chronicle publishes a financial statement to show that the Geary street road is running behind and cautions the public against voting any more bonds for building municipal railroads. As an item of this debt contracted by the city it cites \$251,804 as expense incurred by bond elections and delays before the city got started on the road or before it earned a dollar. It might be stated that a lot of the delay was caused by the enemies of the municipal railroad, such as the Chronicle and that needless expense was incurred by the activity of such patriots. If the United Railroads can pay a dividend on a capitalization that is three-fourths water, why in heaven's name can not the city pay a dividend on a road legitimately built, even if it has to be built at additional expense because of the pernicious activity of some of the enemies of the people.

President Ripley, of the Santa Fe Railroad, is quoted as saying that the Wilson administration is a failure and that California is the worst governed state in the union. That is a natural opinion of a man who does not believe in direct legislation or popular government, but in representative government as he terms it. And by representative government is meant the old order of things when political bosses appointed the representatives and they in turn were the creatures of big business.

One thing that the president of the Santa Fe praises and that is the Public Utilities Commission. This commission is certainly the creation of the present administration and certainly it would have been a hundred years before we would have gotten such a commission under the old order of things. If Mr. Ripley would sum up the things that have been accomplished by the present state government and weigh them against the things that have been done which are of doubtful merit he would find this to be one of the best governed states instead of one of the worst. Of course, from his viewpoint of government by a governing class it is the worst, but not when viewed by the only logical way to view a government, and that is the greatest good to the greatest number.

The Chronicle says that it with nineteenth of the people of the State is opposed to Japanese ownership of land in this State. And it further goes on to say that it is very inadvisable to pass the alien land bill at this time. And gives as a reason that "California should not take the time when we are inviting all nations to visit us to do any act that any nation may consider unfriendly." And it further states that "Almost the entire eastern part of the country is solidly and energetically against California in this question and there are influences far more potent than any in California ready to urge Congress to confer at once the right of naturalization on the Japanese."

Why does not the Chronicle state just what those "Influences" are? Surely they are not the Christian missionaries. And it cannot be an inherent desire of the white race to mingle with the mongolian. If there is any influence at work it must be purely mercenary. On this ground only can all this active interest in the situation be explained; on this ground only can the interest of the mercenary press be attributed.

If the land law is of sufficient importance to be passed at all, there is no excuse for putting it off till after the Exposition. If this is to be a white man's country keep it a white man's country. The slave owners of the south had a hundred times better argument on the slave question than do these proponents for an admixture of races have for their side of the question.

Necessity Of Technical Education.

T. B. Kldder, Director of Technical Education, Calgary, at the C. N. A. B. Convention, Calgary.

The very fact that your committee in arranging its program for this convention invited a worker in the field of technical education to address you is a remarkable testimony to the large place which my subject occupies in the minds of thoughtful men today. An association of keen business men, meeting to consider the manifold problems of such a highly complex and difficult profession as that represented here today, thus formally recognizes that technical education is within such an association's purview and worthy of some attention amongst the many subjects which are considered at such gatherings. Technical education is today a feature of all similar conventions, and I venture to prophesy that in the future it will occupy an increasing amount of attention and will become one of the most vital things to be considered wherever employers and manufacturers may assemble to discuss their affairs.

What are the reasons which may be assigned for the necessity of technical education nowadays? There are many, but one of the chief, that "The old order changeth and giveth place to new," is of particular application in this present day and generation. The introduction of machinery, the decay of handwork, the practical abandonment of the old system of apprenticeship with its close relation between the learner and the master of the craft, the specialization which has followed the development of factory work—all of these have had their effect, and there are many other causes which could be cited. But side by side with this, the very complexity of modern industrial life is demanding a higher degree of efficiency on the part of the workers every day. The need for trained intelligence, a knowledge of machinery and processes, or art and science increases with every advance and specialization of industry. Efficiency today has come to mean a very complex thing, and we cannot get efficiency without training, and that training must be of the broadest and, at the same time, most intensive in many respects. Training and efficiency go hand in hand. Listen to what an investigator from this side says of a recent visit he paid to Europe.

"Abroad we seen training and efficiency go hand in hand. In the countries where technical education is most highly developed, efficiency strikes you at every turn; the cleanliness of the streets; the even quiet movement of the street cars; the perfection of machines; the artistic lines and durable construction of the houses; the beauty of the stained glass, the quality and design of the linoleum you walk on, the planning of city extensions, of garden cities; the wealth of industrial countries like England, France, Belgium, Germany, the revival of Italian commerce. In Italy, the movement of technical education is now turning the convents and palace and fortresses of the Middle Ages into art-industrial schools and museums. In Prato you pass from the work of Donatello and Dell Robbia

to the vital life of today's under new conditions of industry, of the professional school of dyeing and weaving. In the Castello di Milan, once the stronghold of the Sforzas, now reign the school director and the curator. You get the conviction driven home and pressed in, that behind all that you see and experience, behind the whole improvement for the betterment of the nations wherever you go in Europe, the new directing force is technical education.

"Everywhere in Europe technical education is regarded as an essential factor in industrial efficiency. To develop a new industry or revive one that is languishing they institute schools for the industry. We raise the tariff; they raise the schools. The Swiss make the most perfect watches; the oldest technical trade school is said to be the school for watchmaking of Geneva. German chemical industries lead the world; the des of the tries lead the world; the dyes of the artist, the inks for fine printing (especially color printing), are German. Germany has over six thousand school-trained chemists in her chemical industries. The industrial rehabilitation of Italy is accompanied by the parallel establishment of technical schools, for the soap industry, for the paper industry in Milan, for the textile industry at Prato, for the art industries at Rome, Florence, Venice, Milan, for the mechanic arts in every important town."

In Great Britain enormous developments have taken place in recent years in technical education, and even greater things are foreshadowed in the far-reaching program now being considered by the government.

In Canada, too, a beginning has been made, and we are daily expecting with high hopes the report of the Royal Commission on Industrial and Technical Education as the forerunner of great and valuable schemes of preparation and training for industrial efficiency in this dominion. In fact, a number of cities have not even waited for the report of the commission, but have already entered upon the work of technical education for themselves. The field is ready and waiting throughout the land, for the need of technical education is everywhere recognized, although the methods of supplying the need are not always clearly discernible. It may, therefore, be of advantage to consider some of the ways and means whereby this, as Shakespeare might call it, "A consummation devoutly to be wished" may be brought about.

First, let me lay down as an axiom that technical education should be the affair of the state. In saying this I am not unmindful of the great things that have been done in this field by private individuals, by great firms and corporations, by associations of employers and others. But we already recognize education as the business of the state, though perhaps there are some who would not go as far as Stein, the great German educator, who said

It was the chief business of the state. It is therefore only a change in the kind of education which need be considered, and in the last analysis it merely means that our complex modern civilization has changed the degree of the demands made upon the four great educational agencies of a generation or so ago, the home, the school, the church and the workshop. I need scarcely elaborate this, for it is patent to the most casual observer that more and more is being asked from the school and less is being obtained from the other agencies today than was the case a generation or two ago. The school has been called upon in turn for moral education, for physical training, and, having met these, the school is now called upon by society for industrial and vocational education, and the obligation to train for industrial efficiency is thrust upon the schools.

I am equally sure, however, that if the schools are to succeed in this matter, a great broadening of the administration of education must take place and the fullest co-operation be assured between educators, employers and manufacturers. That this co-operation will be forthcoming there is a possible doubt, for it is already in existence in hundreds of places in ways on which I shall touch briefly later on and is susceptible of enormous development everywhere.

The question of the best and most adequate forms in which the ideals of industrial and vocational education shall be developed is occupying a tremendous amount of study all over this continent today, and out of the welter of ideas and theories which have presented themselves, some few basic principles are emerging.

First and foremost it is being generally recognized that the basis of any satisfactory system of training for industry must be laid in the common schools of the land. For the large majority of children never reach the secondary or higher schools, and, indeed all too many in our cities do not even complete the elementary school course.

The beginning or elements of industrial education are already in many elementary schools, although the matter is often misunderstood. We teach our older girls sewing and cookery; our older boys get woodwork and metalwork; and in the best systems handwork and drawing are taught to children throughout the schools. These are essentially industrial in their bearing, though not introduced for that purpose. These things are taught to the pupils in our schools because the average natural aptitude of a child is towards things and not ideas. All children love to do and handle things, and the newer methods in elementary education aim to make living, active thinkers by means of concrete work with the hands which calls into action a wide range of the child's powers and activities.

The Pre-Vocational School.

But though in many elementary school systems much good has been

achieved by the introduction of manual training methods such as I have briefly outlined, it is now recognized that these do not go far enough to influence the larger matter of industrial education. In the more advanced centers of education a new type of school is being evolved, termed the pre-vocational school.

In such schools, boys and girls from the ages of eleven or twelve up to fourteen years, take a two years' course in which about half the time is devoted to practical training in the broad, basic elements of industrial vocations, and the other half to instruction in the ordinary academic subjects of the school course.

The aim is not to teach a trade, but to provide a basis for specialized training later on whether in the school or in the workshop, better still in a combination of both. Chiefly, however, the aim is to give the pupils a bias and a liking for industrial pursuits, so that on leaving school they may enter on some proper trade or calling, instead of entering the ranks of nondescript employments which may mean the immediate dollar but all too soon lead into the "blind alley" of unskilled labor and casual employment in which hundreds of young men entering into manhood find themselves.

Vocational or Elementary Trade Schools.

The next type of a school which is being evolved is the vocational or elementary trade school which takes care of the pupils during the years from fourteen to sixteen, the most critical period of youth today. The best schools of this type unite a minimum of general education with a maximum of vocational training. A typical school of this kind which I visited recently offered courses in commercial subjects, carpentry, cabinet-making, machine shopwork, pattern-making, mechanical drawing, dressmaking, millinery and cookery. The subjects of general education, such as English, history, civics, mathematics, science, hygiene, etc., are taught in such schools by selected teachers of academic training, but are consciously organized in methods and material to meet the vocational needs of the pupils. The shop and office subjects are taught by trade experts in conditions as like as possible to actual commercial workshops and business establishments. The graduates of such schools are readily accepted by employers as special apprentices and invariably earn good wages from the beginning.

Part Time and Evening Schools.

There are, however, many limitations to the development of such schools, such as the need of self-support of the wage-earning class, the cost of equipment, and the high specialization in many trades today which renders actual experience in a commercial shop a prime necessity. Other means must therefore be found, and chief among these is the part-time industrial and continuation school. It is to such schools especially I referred earlier in my paper when I spoke of the great necessity of co-operation on the part of the employers. For this form of training must of necessity meet the needs of the workers without detaching them from the occupations to which they look for their support. This type of school is chiefly represented on this continent at present by the night school, but already exam-

ples are not wanting to show that as we develop our facilities for industrial training we shall offer more and more of this in the hours of the day through the co-operation of the employers.

Many of the great industrial corporations already provide facilities for instruction and require their apprentices to attend during certain working hours each week; notably the great railway companies and many of the metal industries. You may say, perhaps, that it would be difficult to do this in the building trades and there is something to be said for the objection; it is likely that these trades will have to depend more largely than some others on evening schools. But as facilities for technical education in the shape of buildings and equipment, such as the polytechnic and trade schools, increase, I am sure that the employers will be found in your trades who will be only too ready to grant their learners the opportunity of attending such institutions for a few hours at least in the day time. Why, also, could we not have short courses during the winter when the building trades are idle, just as every college of agriculture now provides courses for farmers' sons at the period of the year when work on the farm is at its minimum. In the depth of winter, hundreds of men would, I feel confident, be glad to take short courses in special subjects related to their trade occupation, with resulting benefit all round.

The part-time or evening continuation school need not be confined to large towns or cities, though in smaller centers of population it may be limited in its scope to the teaching of drawing, mathematics and elementary science. But I am firmly of the opinion that the co-operative part-time school, both day and evening, will go a very long way towards a solution of the problem of technical education, especially in the trades represented here today. For we must regard it that the lad working at his job is being educated by it, and if we supplement this by a special kind of school training, to be carried on during a part of the time, we have a double schooling. The English industrial education leaders believe in the theory that while a trade cannot be taught in a school, neither can it be taught without a school, and this is resulting in the evolution and development of a satisfactory form of general and vocational education for industrial workers.

Germany, too, has done a great deal with part-time technical schools. The report of the national association of manufacturers of the United States in industrial education recently issued says of Germany in this connection:

"After forty years of this kind of double schooling in Germany, the high places in her industries, engineering and commerce, are filled by the sons of toil, the product of the day's work plus the continuation school. Germany has plenty of graduates of the old-time engineering and industrial schools and colleges. Great numbers of these graduates are out of work or are employed in subordinate positions, the leading positions there being generally occupied by the boys who quit the all-day school at about fourteen years of age."

I am not considering in this paper the matter of the higher training of

the leaders of industry, for which fine institutions of technology exist; such as the applied science divisions of the universities of McGill and Toronto, the Massachusetts Institute of Technology and numerous kindred institutions in other parts of the United States. The training of highly specialized leaders of industry is being well provided for and the problem everywhere is how best to train the rank and file.

I believe the solution will, while varying in detail in different localities and trades, be found ultimately in the fullest co-operation between the workshop and the school, in all grades of technical training. Co-operative schemes of education are already in operation in several parts of the United States and are proving very successful. In Wisconsin the new law provides that any contracts of the nature of apprenticeship shall state the number of hours to be spent in instruction weekly, and also limits the total number of hours to fifty-five in any one week. This law further stipulates that not less than five hours weekly shall be given to instruction, and that the subjects must be approved by the State Board of Industrial Education. The instruction may be given in a public school or in such other manner as may be approved by the board. Recent enquiries show that these requirements meet the favor of many of the largest employers in Wisconsin, and "there is reason to believe that the apprenticeship system as now provided will develop materially in ways advantageous to employer and employee." It is possible that this law might be improved if, as in Germany, an examination was made at the end of the course to see that the apprentice has received his due. As the right to take apprentices in Germany depends upon this, it is needless to say that German employers keep tab, so to speak, on the local school, and see that it is doing its duty by the apprentice. A recent visitor to Germany says of this dual training of shop and school: "There is no more potent element in the success of the German system."

One or two practical suggestions and I have done. As practical business men, start something, however small, in the way of industrial education in your community, or, better still, do all possible to help your local education authorities to undertake it with your co-operation and advice. If technical education already exists in your town or city, more than ever is your co-operation and help necessary if it is to become a real and vital thing in the business of the nation. Here in Calgary we have made a beginning and have instituted evening technical classes which have attracted numerous students. But the point I wish to emphasize is that while these are carried on by the public school board at public expense, they are largely under the management and direction of such bodies as yours. The Calgary Builders' Exchange has each year nominated one of its members to serve on the advisory board, and at least three other members of the exchange are on the advisory board representing special branches of the construction trades, such as the sanitary and heating engineers, the electrical engineers and others.

We have also representatives of labor on our committee and thus have,

I believe, an ideal body to direct industrial and technical education. For in it we have the three great social interests working together, employers, workers and school men, all devoted to one common cause.

May I also ask that you preserve a sympathetic attitude towards the many attempts at broadening our elementary school course. It is so easy to raise the cry of "Fads" when an earnest and thoughtful superintendent of a school system wants to introduce art teaching, manual training, cooking, sewing and other modern methods of developing the latent powers within the children. All of these will help us to create an industrial intelligence, while at the same time broadening and enriching the life of the pupils in many ways.

Another agency for the education of the worker that is worthy your heartiest support is the public library. Here in Calgary, the technical education committee is in very close touch with our public library, and the latest works of technical reference are constantly being obtained. The library records show that the students make

full use of these books, and thus it is a very real and practical part of the work of technical education in this city.

But technical education is a many-sided problem which will call for all our efforts to solve. Experiments must be made and several kinds of schools will probably be evolved before finality is reached, and an open mind and clear thinking on the part of all concerned are prime necessities. Of one thing we may be certain, however, and it is that our present schools, both elementary and high, will be modified in many ways to meet the demands of industry. For we are learning today that wonderful natural resources alone do not avail a nation, but that industrial efficiency is the prime factor in a nation's commercial supremacy. Efficiency involves training, and the nations that will be in the forefront in the years to come will be those that have done most to provide this training for their people. For efficiency in work means happiness for the individual and efficient individuals will mean a contented and prosperous nation in the widest sense.

ranged for a total of 102 rooms. These will be arranged in two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood. Bath rooms will be finished in cement. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures are to be called for shortly.

LOS ANGELES, CAL. — Apartment house, 4 story and base, brick. Cost not stated. Architect, Milwaukee Building Co., Wright and Callender Bldg., L. A. Owner, G. A. Melsing. The building will be erected on a corner site and will cover an area of 117x150 feet. Interior will contain a total of 125 rooms, arranged in two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood. Tile wainscot and cement floors will be used in the bath rooms. Plans provide for steam heat, elevator service and vacuum cleaning system. Exterior of the building will be faced with pressed brick and artificial stone. Plans are being prepared.

SAN PEDRO, LOS ANGELES CO., CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architect, Thomas Preston, Higgins Bldg., L. A. Owner, J. J. Connor. The building has been designed to contain 21 suites of two and three rooms each with bath and will cover a lot 50x90 feet. Interior finish will be of pine and hardwood. Plans provide for steam heat and a vacuum cleaning system. Bath rooms will be finished in tile and cement plaster. Wall beds will be used in all suites. The exterior of the building will be faced with blue pressed brick. Plans are now being prepared.

LOS ANGELES, CAL. — Apartment house, 3 story and base, brick. Cost not stated. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, Mrs. A. G. Thompkins. The building will cover an area of 50x135 feet and will contain 55 rooms arranged in two and three room suites with private bath and wall beds. Interior finish will be largely of pine with some hardwood trim in the living rooms and hardwood floors. Bath rooms will have tile wainscot and cement floors. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 7 story and base, reinforced concrete, \$215,000. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, E. Tinsner. Contractors, Dittro-Wren Construction Co., 10 American Ave., Long Beach, general construction. Contract price, \$125,000.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,500. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Mr. Solari. Contractor, Patrick Fahy, 518 Noe St., S. F., general construction, \$10,545. Plumbing to H. Kunst and plumbing to E. Crutic.

PORTLAND, ORE.—Apartment house, 4 story and base, reinforced concrete. Cost not stated. Architect J. S. Atkins, Henry Bldg., Portland. Owner, W. A. Buell. Contractors, Griffith & Roslar, Hamilton Bldg., Portland. Contract price not stated.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, W. K. Bush. The building will cover an area of 24x55 feet and will be arranged for one store on the first floor and five apartment flats on the upper floors. Interior finish will be of pine with some elm veneer. Hardwood floors will be used in the principal rooms. There will be open fire places of gas grates in the in the suites. All apartments will be equipped with wall beds and will be supplied with hot and cold running water. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, Sylvia Perazza. The building will be erected on Pacific street near Hyde street, and has been arranged to contain six suites of two and three rooms each and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room and reception hall. There will be open fire places or gas grates. Mantels will be of tile. Tile will be used in the bath rooms. Wall beds will be installed in all suites. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building will be erected at the northeast corner of 18th and Guerrero streets, and will contain a number of two and three room suites on the second and third floors. Several modern stores will occupy the

first floor. Interior finish will be of pine with some hardwood veneer. Oak floors will be used in the reception halls and living rooms. There will be a central heating system. Bath rooms will be finished in cement plaster. The exterior of the building will be covered with rustic and klinker brick veneer. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$10,000. Architect, none. Owner, A. G. McNeill, 1424 9th Ave., Oakland. The building will be erected at the southeast corner of 9th avenue and East 14th street, and will be arranged for a store on the first floor and 24 rooms above. These rooms will be arranged in two and three room suites with bath and wall beds. Interior will be finished in pine and all living rooms will have hardwood floors. Baths will be finished with cement plaster. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

RICHMOND, CONTRA COSTA CO., CAL.—Apartment house, 2 story and base, brick. Cost not stated. Architect, J. B. Oghorn, 611 Macdonald Ave., Richmond. Owner, C. G. Blake. The building will be arranged for stores on the first floor and the entrance to apartments above. Upper floor will be subdivided into two and three room suites with baths. Interior finish will be of pine throughout. There will be wall beds in all apartments. Cement plaster will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

LONG BEACH, LOS ANGELES CO., CAL.—Apartment house, 4 story and base. Class C. Cost not stated. Architect, Leonard L. Jones, 1 W. Hellman Bldg., L. A. Owner, Fred Dennie. The building will cover an area of 50x144 feet, and the interior has been ar-

BANKS.

KALAMA, WASH.—Bank, 1 story and base, reinforced concrete. Cost not stated. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Kalama Bank. The building will be designed in the classic style and will cover an area of 25x65 feet. There will be a large public space, private offices and work rooms. Interior partitions will be of hollow tile. Interior finish will be of pine and hardwood with ornamental plaster. Considerable ornamental iron will also be used. There will be a central heating system and coin and safe deposit vaults. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

REDLANDS, SAN BERNARDINO CO., CAL.—Bank and offices, 2 story and base, reinforced concrete and steel, \$75,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. The building will cover an area of 40x118 feet. The entire first floor will be occupied by the bank. Upper floor will be subdivided into modern offices. Interior of the banking rooms will be handsomely finished in pine and hardwoods. Tile floor will be used in the public room. There will be steam heat. Special coin and safe deposit vaults will be installed. The exterior of the building will be faced with artificial stone. Plans are being prepared.

Contracts Awarded.

FOWLER, FRESNO CO., CAL.—Bank and offices, 2 story and base, brick, \$5,000. Architect's name not given. Owners, Fowler National Bank. Contractors, Trewhitt & Shields, Hanford. Contract price, \$14,800. Note: This contract does not include bank fixtures or vaults.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse, 1 story and base, reinforced concrete. Cost not stated. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Gonzales. The building will be erected on Washington street in the heart of the commission district. The floor will be of concrete. Building will be carried on a pile foundation. Entire structure will cover an area of 40x60 with an L 20x60. Interior finish will be of pine. Patent store fronts and metal window sash and frames will be used. The exterior of the building will probably be faced with cement plaster. Plans are being prepared and bids will be called for shortly.

SAN FRANCISCO—Shop, 1 story, frame and corrugated iron, \$2,500. Architect, none. Owners, Fliegner & Hoffman, Howard street east of 12th, S. F. The building when completed will be used for an ornamental iron works. No interior finish will be installed. The exterior of the building will be covered with corrugated iron. Plans are in the hands of the owners and the work is now being done by Day Labor.

SACRAMENTO, CAL.—Flour mill, 5 story and base, reinforced concrete. Cost not stated. Architect, P. J. Herold, Forum Bldg., Sacramento. Owner's name withheld. The architect has just completed working drawings for the largest flour mill to be erected in the interior. The structure will be fireproof throughout and will be equipped with the most modern machinery. Considerable steel will be used. Metal

window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by Mr. Herold.

SACRAMENTO, CAL.—Grain elevator, reinforced concrete construction. Cost not stated. Architect, P. J. Herold, Forum Bldg., Sacramento. Owner's name withheld. Bids are now being taken for a reinforced concrete grain elevator which is to be erected in connection with the flour mill described above. This elevator will have a capacity of 75,000 bushels and will be fireproof throughout. Exterior will be faced with cement plaster. Bids are now being taken.

SAN FRANCISCO—Laundry, 1 and 2 story and base, brick. Cost not stated. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Edward E. Rolkin. This building has been mentioned here before. The structure will cover an area of 86½x275 feet. The greater portion of the building will be occupied by the laundry and stables. The two-story part will be arranged for flats. A contract for the grading and brick work has been let. Mr. Rolkin is now taking figures for the other parts of the work.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Police station, 2 story and base, brick and steel. Cost not stated. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building will be erected at the corner of Commercial and Drumm streets and will contain the general office, guard room and cell block. Upper floor will be arranged for a rest room. There will be a central heating system. Interior finish will be of pine and hardwoods. A cement floor will be used. Exterior of the building will probably be faced with pressed brick. Plans are being prepared. Bids will be called for shortly through the office of the Board of Public Works.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$2,500. Architect, J. C. Plugger, Crocker Bldg., S. F. Owner, H. Borge, 165 Noe St., S. F. These flats will be erected on 18th avenue north of Clement and each flat will contain five or six rooms. Interiors will be finished in pine with some hardwood veneer. Hardwood floors will be used in the living rooms. There will be open fire places and tile or brick mantels. Baths will have cement wainscot. The exterior of the building will be covered with rustic and klinker brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$7,000. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner's name withheld. The building will be erected on Parassus avenue, and will contain two large flats and a garage in the basement. Interior finish will be of pine with hardwood veneer and panels. Oak floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exterior of the building will

be covered with shiplap and cement plaster on metal lath. Plans are nearly complete and bids will be called for shortly.

SAN FRANCISCO—Flats, 3 story and base, frame, \$9,000. Architect, none. Owner, Thomas E. Barry, 3641 20th St., S. F. The building will be erected on Green street west of Larkin, and has been designed to contain six apartment flats of three and four rooms each with bath. Interior will be finished in pine and elm. Hardwood floors will be used in the living rooms. A central heating system will be installed. Each flat will be equipped with a wall bed. Tile and cement plaster will be used in the bath rooms. The exterior of the building will be covered with rustic. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

SAN FRANCISCO—Flats, 4 story and base, reinforced concrete, \$15,000. Architect, none. Owner, Kincannon Construction Co., 3676 Fulton St., S. F. The building will be erected on Bush street east of Larkin and will have a frontage of 27 feet and a depth of 37 feet. Interior has been arranged for eight small flats with baths. There will be pine interior finish. A central heating system will be installed. Bath rooms will have cement floors and tile wainscot. Some hardwood floors will be used. Exterior of the building will be faced with cement plaster. Plans are complete and the owners will do the work by Day Labor. All materials are now being purchased.

SAN FRANCISCO—Flats, 3 story and base, frame, \$5,000. Architect, none. Owner, Gustave Spitz, 232A Langton St., S. F. The building will be erected on Langton street near Folsom, and will contain three modern flats of five and six rooms each and bath. Interior finish will be of pine throughout. There will be some oak floors. Bath rooms will be finished in Keene's cement. Entrance vestibules will have terrazzo steps and tile wainscot. The exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

GOVERNMENT WORK AND SUPPLIES.**Pearl Harbor Dry Dock.**

Civil Engineer H. R. Stanford, U. S. Navy, chief of the bureau of yards and docks, is in San Francisco and will proceed to Washington at once, unless he takes advantage of his presence on the west coast to pay a visit in inspection to the Puget Sound naval station. He is returning from Honolulu, where he went with Civil Engineer F. R. Harris, who is attached to the New York navy yard as public works officer, to examine the damaged dry dock at Pearl Harbor. The latter officer remains at Pearl Harbor to serve on a board of officers which has been convened to ascertain the extent of the damage to the dock, the cause of the disaster, the responsibility for it, and to recommend a method of continuing the work. No official advice has reached Washington concerning the observations made and the conclusions reached by Civil Engineers Stanford and Harris. It is intimated, however, that the damage is greater than the experts had been led to believe; at all events, it is appreciated that the sit-

uation is a serious one, and it may be necessary to make some radical changes in the system of construction. Probably the Navy Department will not be in possession of much information upon which to base action until it receives the report of the board of officers.

General Specifications.

The representatives of the bureaus of the Navy Department who have been engaged in the revision of specifications for supplies have completed a set of general specifications for the guidance of manufacturers. These will probably be published in pamphlet form. These specifications are of a character which apply to all supplies as far as possible, and by this arrangement it is expected to modify the special specifications.

Drainage Work, Pioneer Project.

The Secretary of the Interior has approved the form of contract and authorized the Reclamation Service to execute same with the Pioneer Irrigation District and the Payette-Boise Water Users' Association for the construction of certain drainage works within the district in connection with the Boise irrigation project, Idaho. In constructing the drainage works provided for by the contract it is proposed to use drainage excavators. To secure power for the operation of the same the power line of the Idaho-Oregon Light & Power Co. will be tapped in the vicinity of the work and an equivalent amount of power will be returned to the company generated by the Reclamation Service at Arrowrock dam. A payment of \$25 per month will be made to the company for the use of its line in connection with the operation of the excavators. The contract provides in case it becomes desirable to install another drag line excavator that there will be an increase in the amount of power taken from the company and a corresponding increase in the power delivered to the company and in payments made to it. The electric current will be furnished to the Pioneer Irrigation District under the contract of February 27, 1913, at 1 cent per kilowatt hour without any service charge.

Spokane, Wash., Painting.

The Grohne contracting Co., Joliet, Ill., has received the contract for certain interior and exterior painting of the U. S. post office, Spokane, Wash., at \$7,765.

Power Development, Arrowrock Dam.

The Secretary of the Interior has allotted \$38,000 from the funds now available for the construction of Arrowrock dam, Boise irrigation project, Idaho, for power development. Three of the outlets provided through the dam will be slightly modified in form and so placed that they can be conveniently used as penstocks for future power development. The power house, to be constructed later, will be located a few feet from the down-stream toe of the dam in an excavation in the lava bench nearly in line with the discharge of these outlets, so as to conveniently receive these penstocks and bordering on the margin of the diversion tunnel so as to utilize this conduit as a tail race. In case future conditions should justify the development of a large amount of power in excess of that afforded by

these outlets this could be economically accomplished by running a tunnel through the basalt over the site of the present divers' tunnel, in which one or more penstocks could be placed delivering water to an extension of the powerhouse.

Gunnery Quarters, Pearl Harbor.

Bids are to be opened at the bureau of yards and docks, Navy Department, for the construction of two gunnery quarters at the naval magazine, Kua-hua, Pearl Harbor, Hawaii. The quarters shall be frame buildings, with concrete piers, board and batten sides, asbestos shingle roof, composition board interior walls and partitions, and complete plumbing and electric lighting system. The building shall be fully screened and of the following dimensions, including porches: 45 feet 10 inches by 51 feet 10 inches, with a kitchen extension 21 feet 7 inches by 28 feet 8 inches.

Salem Indian School.

The contract for the construction of a brick industrial building at the Salem (Ore.) Indian School, bids for which were opened May 7, has been awarded to F. A. Erixon, Salem, Ore., at \$4,645.

Canal Zone, Radio Station.

The bureau of yards and docks will invite supplementary proposals under specifications No. 1948 for three 600-foot self-supporting steel towers for the high-power radio station at the naval reservation, San Pablo site, Caimito, Canal Zone, no satisfactory bids having been received at the opening of May 10, 1913. The supplementary proposals will be opened at the bureau of yards and docks at 11 o'clock a. m. on Saturday, June 7 next. Plans and specifications can be obtained upon application to the bureau.

Roads and Walks, Fort Stevens.

The contract for the construction of roads and walks at Fort Stevens, Ore., has been awarded to Olaf Boren, of Astoria, Ore., at \$8,229.60.

Canal Requisitions.

The Isthmian Canal Commission has received requisitions for the purchase of the following material and supplies for use on the Panama Canal:

A sufficient number of cross-roted wood blocks for paving 14,600 square yards of floor space.

One oil burning furnace for annealing various sizes and kinds of steel castings. The furnace must also be suitable for handling forged steel.

One oil-burning core oven for drying large cores of steel, iron and brass castings.

Three oil-burning core ovens for drying small cores of steel, iron, and brass castings: 300 brass cylinder cocks, 3,000 pounds sash cord, 75,000 pounds sea-coal facing, 2,600 railway signal flags, 300 machinists' hammers, 900 galvanized cable clips, 216 timber carrier handles, 1,308 hasps, 300 feet steam rubber hose, 6,000 pounds galvanized wire nails, 50 bed room mats, 240 hand rollers, 2,450 pounds square flax braided packing, 2,175 pounds square spiral packing, in graphite, 900 pounds sheet rubber packing, no insertion; 252 zigzag rules, 408 long-handled, long-pointed shovels; 600 scoop coal shovels, 2,200 pounds copper tacks, 94 machinists' taps, 500 pounds flax twine, 300 pounds candle wicking.

Radio Station, Caimito, C. Z.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., on May 3 for steel towers for high-power radio station to be erected at Caimito, Canal Zone:

Item 1, net price for towers and foundations covered by section A of specifications, complete, in accordance with plans and specifications; 2, net price for radio power equipment covered by section B in accordance with plans and specifications; 3, net price for the work covered by items 1 and 2 if awarded to the same bidder.

Des Moines Bridge and Iron Co., 4th and Ross streets, Pittsburgh, Pa., item 1, \$123,941.

August Dietz, 128 Mott street, New York city, oil engines only, item 1, \$7,350; 2, \$7,966; 3, \$8,340.

Atlantic Communication Co., 47 Vest street, New York city, item 1, if awarded entire contract, \$293,200; 2, alternate No. 1, \$178,950; alternate 2, \$478,900; alternate 3, \$345,450; alternate 4, \$610,700.

National Electrical Signaling Co., Farmers' Bank Building, Pittsburgh, Pa., item 1, see bid of Brown Hoisting Machinery Co.; 2, \$146,950; 3, \$275,000.

Marconi Wireless Telegraph Co. of America, Woolworth Building, New York city, item 1, \$77,000; 2, alternate, \$74,091; alternate, \$108,225; alternate, \$83,668; alternate \$109,816; proposition No. 2, delivery Colon, \$66,198; erected \$113,698; item 2, proposal No. 1, \$62,000; proposal No. 2, \$120,000.

Federal Telegraph Co., Merchant Exchange Building, San Francisco, Cal., item 1, \$73,778.81; 2, \$52,691.33; 3, \$124,970.14.

Brown Hoisting Machinery Co., 4403 St. Clair avenue, Cleveland, Ohio, item 1, \$107,800.

Officers' Quarters, Pearl Harbor.

On June 28 the bureau of yards and docks, Navy Department, will open bids for the construction of two officers' quarters at the naval station, Pearl Harbor, Hawaii. The buildings shall be constructed of wood on rock and concrete foundation. The walls shall be of board and batten and wood shingle finish, and the roofs shall be covered with wood shingles. Interior walls and beams shall be covered in general with painted compo board. Exterior woodwork shall be stained. The quarters shall be fully screened.

A Crematory Near Ancon Hospital.

It is the intention of the Canal Commission, in circular 776, bids opened June 5, to purchase burners and all necessary mechanical apparatus, fronts, doors, and all fixtures to equip two retorts for a crematory to be built for use at the Ancon cemetery. The contract includes complete plans for constructing the retorts and installing the equipment, with the rights to build and operate the same. It also includes the services of an expert to supervise the construction and, after completion, to instruct the employees of the commission in the operation of the crematory. The retorts are to be specially designed for incinerating human remains. The specifications provide that the time required for the complete incineration of an adult human body and preparation of the retort for the reception of another body shall not exceed two hours. No design of a retort will be considered that has not been thoroughly

tested and found satisfactory in actual service. Bidders are to furnish a complete list of all recent installations of erecories built by them. The commission will provide, at its own expense, all common building material, such as concrete, reinforcing rods, building and fire bricks, fire clay, and all labor required to build the erecories. The burners and oil heater and oil pump shall be designed for handling California crude oil, with asphaltum base, of gravity of about 17½ degrees Baume at 60 degrees Fahrenheit. The oil pump and air blower are to be driven by an electric motor. The motor is to be wound for alternating current, 220 volts, 25 cycle, 3 phase, and equipped with rheostat and switches mounted on a suitable panel board. The burners are to be of improved type, designed so that the mixture of air and oil can be properly regulated. The oil line is to be fitted with two duplex strainers, one placed on the suction line between storage tank and pump and the other under the discharge line between pump and heater.

Bids will also be asked for 200 copper cans, two quarts each, 4½ inches diameter and 6½ inches high, suited for the ashes of an adult; also 100 copper cans, one quart each, 4 inches diameter and 4½ inches high, suited for the ashes of a child. All the cans are to be made of polished copper.

HALLS AND SOCIETY BUILDINGS.

LOS GATOS, SANTA CLARA CO., CAL.—Town hall, 2 story and base, frame, \$10,000. Architect, William H. Crim, Jr., 425 Kearn St., S. F. Owners, Town of Los Gatos. Architect Crim has just been commissioned to prepare plans for this building, which has been designed in the Spanish Renaissance style. There will be offices for the City Clerk, Marshall, Fire Chief and Tax Collector. An auditorium seating 150 people is also provided. Interior of the building will be covered with cement plaster on metal lath. Plans are nearly complete and figures will be called for shortly.

HOSPITALS.

SAN FRANCISCO—Hospital additions, 2, 2 story and base, reinforced concrete, \$20,000 each. Architect, Constructing Quartermaster Department, Fort Mason. Owners, United States Government. Plans for a hydrotherapeutic ward and for a nurses' dormitory, both of which are to be erected at the Letterman General Hospital in the Presidio of San Francisco, have been completed and bids will be opened on June 10th. The hydrotherapeutic ward will be 79x26 feet and the dormitory 80x31 feet with an L 21x18 feet. Construction will be of the reinforced concrete type throughout. Roof will be of clay tile. Interior will be finished in marble and pine. Exterior of both buildings will be faced with cement plaster. Plans can be secured from the Constructing Quartermaster, Capt. E. S. Walton, Fort Mason.

SAN FRANCISCO—Hospital painting, 2 story. Class A construction. Cost not stated. Architect, City Dept. of Architecture, Temporary City Hall Bldg., 3 E. Owners, City and County of San Francisco. Plans for the painting on

the San Francisco Hospital group have been completed and bids will be opened for this work on June 11th. Plans can be secured from the Department of Architecture. Bids will be taken by the Board of Public Works.

SEATTLE, WASH.—Hospital, 2 story and base, brick and concrete. Cost not stated. Architects, Daniel Huntington, Colman Bldg., Seattle. Owners, City of Seattle. The building is to be erected in Richmond Heights and will cover a ground area of 160x190 feet. The institution will be one of the most modern and completely equipped municipal institutions in the west. Plans and specifications are complete and bids will be called for in the near future. Nine alternate propositions are to be submitted to the bidders as follows: Interlocking tile walls, brick walls or concrete walls, slate, terra cotta, shingle or asbestos shingle roof. Plans can be secured from the architect.

PEARL HARBOR, HAWAII—Hospital group, concrete construction. Cost not stated. Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids for the construction of this work as opened in Washington on May 10th show Spalding Construction Co., Commerce Bldg., Portland, Ore., low on the entire work at \$237,939, and W. N. Concanon, Monalnock Bldg., S. F., second low at \$241,975. No award of contract has been made. A complete list of the segregated bids appears under the heading of San Francisco in this issue.

PASADENA, LOS ANGELES CO., CAL.—Sanatorium, 5 story and base, reinforced concrete, \$130,000. Architect, Louis Du P. Millar, St. Louis Bldg., L. A. Owner, Dr. Franklin Balzer, 11 South Euclid Ave., L. A. The building is to be erected near Pasadena, the main building being 240x140 feet with two wings each 40x70 feet. The ground floor will contain the administration department, tile and marble entrance lobby, library and parlors. The upper floors will contain physicians' quarters, laboratories, special treatment rooms, and seventy rooms with forty baths. The top story will contain a dining room, kitchen, service rooms and roof garden, and the two wings will contain baths and massage rooms, one for the use of men and the other for women. A heating plant and laundry will be provided in a separate building. Working drawings are being prepared.

Contracts Awarded.

FULLERTON ORANGE CO., CAL.—Hospital, 1 story and base, reinforced concrete, \$35,000. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owners, Fullerton Hospital Association. Contractors, Kling Company, Union League Bldg., L. A., general construction, \$24,000. W. F. McArthur, 731 West 3rd St., L. A., steam heat, \$7,000.

HOTELS.

SAN FRANCISCO—Hotel, 2 story and base, brick and steel, \$35,000. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owner's name withheld. The building is to be erected in Chinatown, and will be arranged for two stores besides the hotel entrance on the first floor. Upper floor will be arranged for a total of 75 guest rooms and several baths. Interior finish will be of pine. There will be a hot and cold water supply. Patent store fronts

and plate glass windows will be specified. The exterior of the building will be faced with pressed brick and cement plaster. Plans are now being prepared.

SAN FRANCISCO—Hotel, 8 story and base, Class A construction. Cost not stated. Architects, A. F. and O. M. Rousseau, Monalnock Bldg., S. F. Owner's name withheld. The building will be erected on Geary street and has been designed to contain a total of 136 guest rooms, all of which will be designed with a private bath. Interior will be finished in pine and hardwood. Ornamental plaster and hardwood and tile will be used in the hotel lobby. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior partitions will be of metal lath and plaster or hollow tile. A complete steel frame will be erected. Metal window sash and frames will be used. The exterior of the building will probably be faced with pressed brick and terra cotta. Plans are being prepared.

SAN FRANCISCO—Hotel and stores, 7 story and base, brick and steel, \$120,000. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected in the district south of Market street and close to Mission. The structure will cover a large area and when complete will be one of the best appointed hotels in the district. Plans provide for three stores besides the hotel entrance and lobby on the ground floor. Upper six floors will be arranged for a total of 125 guest rooms and a large number of baths. Interior finish will be of pine and hardwood. Tile and cement will be used in the bath rooms. There will be steam heat, elevator service and hot water system. Metal window sash and frames will be used. Exterior of the building will probably be faced with cement plaster. Plans are being prepared.

SAN FRANCISCO—Hotel and store, 3 story and base, reinforced concrete, \$14,000. Architect, William H. Crin, 425 Kearny St., S. F. Owner, J. A. McKenzie. Bids for this work have been taken by the architect and a contract will be awarded this week. The building is to be erected on Powell street, between Jackson and Pacific streets, and will be arranged for two stores on the first floor and 26 rooms above. Exterior will be faced with cement plaster. Hot and cold running water will be supplied to all rooms.

SAN FRANCISCO—Hotel, 5 story and base, reinforced concrete, \$35,000. Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on 6th street near Mission and has been designed to contain a store and the hotel lobby on the first floor. Upper floors will be arranged for a total of seventy rooms and a number of baths. There will be steam heat, elevator service and hot water supply. Interior will be finished in pine with some hardwood veneer. Patent store fronts and sidewalk doors and lights will be used. Exterior of the building will probably be faced with cement plaster. Plans are being prepared.

OAKLAND, CAL.—Hotel, 6 story and base, reinforced concrete and steel, \$60,000. Architect, William Wilde, Albany Bldg., Oakland. Owner, Charles Street. The building will be erected at the northeast corner of 11th and

Franklin streets. Plans for the building are complete and bids are now being taken for the excavating, concrete work and steel. There will be stores on the first floor besides the lobby and offices. Upper floors will be arranged for a number of single rooms, many of which will have connecting baths. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Bids are being taken.

RICHMOND, CONTRA COSTA CO., CAL.—Hotel and stores, 3 story and base, brick. Cost not stated. Architect, J. B. Ogborn, 611 MacDonald Ave., Richmond. Owner, E. B. Anderson. The first floor of the building will be arranged for stores and the hotel lobby. Upper floors will be divided into 40 guest rooms and one housekeeper's suite. Interior finish will be of pine. Plans provide for a steam heating system and hot water supply. The exterior of the building will be faced with pressed brick. A contract for the brick and steel work has been awarded to James Cruickshank for \$1,120. Bids are now being taken for other parts of the work.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, California Real Estate and Building Co., 631 So. Spring St., L. A. Owner, Edwin W. Pascol. The building will be erected on Wall street near 9th, and will be arranged with stores on the first floor and rooms above. A number of baths will be located on each of the upper floors. Interior finish will be of pine throughout. Plans provide for elevator service, metal lath and plaster partitions and steam heat. A hot water system will also be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

VANCOUVER, B. C.—Hotel, 10 story and base, reinforced concrete, \$200,000. Architect, Emil Guenther, Northwest Trust Bldg., Vancouver. Owner's name withheld. This building is to be erected on Hastings street and will be absolutely fireproof throughout. Upper floors will contain in the neighborhood of 300 guest rooms, nearly all of which will have connecting baths. There will be steam heat, elevator service, a vacuum cleaning system and all other modern conveniences. Interior trim will be of metal, hardwoods and marble. Entrance, lobby, offices and parlors will be elaborately finished. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

VANCOUVER, B. C.—Hotel, 6 story and base, reinforced concrete, \$100,000. Architect, Emil Guenther, Northwest Trust Bldg., Vancouver. Owner's name withheld. The building has been designed for a commercial hotel and will cover a large ground area. There will be a total of some 160 guest rooms, besides the main lobby, offices and parlors. Plans include steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior will be finished in pine and hardwood. The exterior of the building will be faced with tile and pressed brick. Plans are complete and figures will be called for shortly.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, J. B. Nicholson, Wright and Callender Bldg., L. A. Owner, Henry Laub. The building will

cover an area of 32x100 feet. There will be a total of 120 guest rooms, nearly all of which will have connecting baths. Plans provide for steam heat, elevator service and a vacuum cleaning system. Hot water supply will also be installed. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are being prepared.

LIBRARIES.

Contracts Awarded.

LOS ANGELES, CAL.—Library, 1 story and base. Class A construction, \$30,000. Architects Train & Williams, associated with F. M. Ashley, Exchange Bldg., L. A. Owners, City of Los Angeles. Contractor, C. Karseboom, 1445 Dana St., L. A. Contract price, \$29,417.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Varied Industries Building, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the Varied Industries Building have been completed and are now out for figures. The building will be erected in the Exhibit Section of the Harbor View site. Separate bids are being taken for the general construction and for the installation of plumbing, sewer and water pipes. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

SAN FRANCISCO—Pile foundations and rock and gravel bunkers. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Thursday for constructing crushed rock and gravel bunkers on the Exposition site and also for pile foundations for two of the exhibit buildings, the Mines Building and Varied Industries Building. A contract for the construction of the bunkers was awarded to Pringle-Dunn & Co. at \$2,341, and foundation work on both buildings above mentioned was awarded to Healy-Tibbitts Construction Co. at 233-10 cents per lineal foot. A complete list of the bids appears in this issue under the head of San Francisco.

POST OFFICES.

GRASS VALLEY, NEVADA CO., CAL. Postoffice, 1 story, mezzanine and base, fireproof construction. Cost not stated. Architect, Supervising Architect Oscar Wenderoth, Washington, D. C. Owners, United States Government. Plans are complete and bids will be opened on June 30th for the construction of this building. The building will cover a ground area of approximately 4,900 square feet. Construction will be fireproof throughout with the exception of the roof. Interior finish will be of pine and hardwood. A central heating system will be installed. Exterior of the building will be faced with stone and stucco. A general contract will be let. Plans may be secured from

the Supervising Architect at Washington or from the custodian of the site at Grass Valley. An official proposal appears in another column of this issue.

RESIDENCES.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, Leigh and Schultz, 330 8th Ave., S. F. The dwelling will be erected on 18th avenue near Clement and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be an open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work is to be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residences, 3, 2 story and base, frame, \$4,000 each. Architects, Cook-La Motte Co., Rialto Bldg., S. F. Owner, Georgiana McCuskey. These houses will be erected on Spruce street and each has been designed to contain nine rooms and bath. Basement will be arranged for billiard room and servants' room. Interior finish will be of pine and elm panels. Hardwood floors will be used in the principal rooms. There will be furnace heat and an open fire place. Mantels will be of brick. Bath room will be finished in cement plaster and tile wainscot. Exteriors will be covered with cement plaster on metal lath. Plans are complete and the work is being done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$2,000. Architect, none. Owners, Western Union Home Builders, 1617 Telegraph Ave., Oakland. This house will contain six rooms and bath. Interior will be finished in pine and elm with hardwood floors throughout. There will be a large open fire place in the living room with a brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owners who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owners, Bel- & Jones, 2142½ Shattuck Ave., Berkeley. The dwelling will be erected on Shattuck avenue near Los Angeles street and will contain seven rooms, sleeping porch and bath. Interior finish will be of pine and hardwoods with oak floors in the living room, dining room and reception hall. Plans pro-

vide for furnace heat, open fire places and an automatic water heater. Bath room will have tile wainscot. Tile will also be used in the kitchen. Mantels will be of brick. The exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work is to be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$3,000. Architect, none. Owner, Mary A. Connell. The house has been designed for a seven room dwelling with bath and sleeping porch. Interior finish will be of pine and hardwood. Oak floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1 story and base, frame, \$4,000. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, F. W. Diehl. The dwelling is to be erected at the corner of 34th and West streets and has been designed for an eight-room house with bath. Interior finish will be of pine and hardwood. Oak floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, J. C. Kincade, 6604 Dana St., Oakland. Owner, Mrs. Alberta Fountain. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, J. C. Kincade, 6604 Dana St., Oakland. Owner, Mrs. Lulu Case. The house will be erected on Posen avenue and has been designed for a six room dwelling with bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$4,500. Architect, none. Owner, S. G. Dunn, 829 Phelan Bldg., S. F. The dwelling will be erected in Claremont Park and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used

in the kitchen and bath room. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the owner.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Olin S. Grove, 2911 Telegraph Ave., Berkeley. Owner, Mr. Plsh. The dwelling will be erected at the corner of Ashby and Elmwood street, and will contain in the neighborhood of eight rooms and bath. Interior finish will be of pine with some hardwood veneer. Plans provide for furnace heat and open fire places. An automatic water heater will be installed. Hardwood floors will be used in the principal rooms. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owner, H. L. Wood, 2300 Seminary Ave., Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Plans provide for an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, Edward Olsen, 29 West-all Ave., Oakland. The house will be erected on Bay View avenue and has been designed for an eight-room dwelling with bath and sleeping porch. All interior finish will be of pine or elm veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Bungalows and residences, 1 and 2 story, frame. Cost not stated. The following Day Labor jobs are reported as about to be started in Stockton: H. M. Harkness, Stockton, 2 story frame dwelling, \$3,000; E. C. Cullums, 822 So. Ophir, Stockton, 1 story frame cottage, \$1,800; L. Freitas, 505 West Vine St., Stockton, addition to frame dwelling, \$2,700; Carl Hokholt, 215 East Fremont, Stockton, 1 story frame cottage, \$1,600; William E. Eddy, Stockton, 1 story frame cottage, \$1,850, and A. Gadsill, 516 West Park, Stockton, 1 story frame cottage, \$2,000.

SAN JOSE, SANTA CLARA CO., CAL.—Cottages and residences, frame. Cost not stated. The following Day Labor jobs are reported as about to be started in San Jose: Y. Pieracci, S. W. Rosa and 21st Sts., San Jose, 5 room cottage, \$1,500; F. O. Nelson, Imperial Hotel, San Jose, 5 room cottage, \$2,500; J. P. Cambiano, 358 So. 7th St., San Jose, 6 room frame cottage, \$2,000.

CROCKETT, CONTRA COSTA CO.,

AL.—Bungalows, 6, 1 story and base, frame, \$2,500 each. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owners, American-Hawaii Sugar Co. These bungalows are the first of a number of similar buildings which will be erected by the sugar company for its employees at Crockett. Each of the houses will contain six rooms and bath. Interior finish will be of pine throughout. There will be open fire places and tile or brick mantels. Some hardwood floors will be used. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with rustic, shingles and cement plaster. Plans are being prepared and when complete the work will be done by Day Labor.

SEATTLE, WASH.—Residence, 2 story and base, brick, \$50,000. Architect Julian Everett, Walker Bldg., Seattle. Owner, Julius Redelsheimer. This dwelling has been out for figures before but all bids ran too high and were rejected. The house will contain in the neighborhood of sixteen rooms, five baths and a laundry. A garage will also be erected on the lot. Interior trim will be of pine and hardwoods. Hardwood floors will be used throughout. There will be steam heat and open fire places. Mantels will be of brick and tile. Tile will be used in all bath rooms. Exterior of the dwelling will be faced with veneered brick. Plans are now being figured.

SEATTLE, WASH.—Residence, 2 story and base, frame, \$10,000. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owner, A. Hambach. This dwelling will contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer with hardwood and tile floors used in the principal rooms and bath rooms. There will be furnace heat and open fire places. Mantels will be of brick. The exterior of the house will be covered with cement plaster on metal lath. Plans will be ready for figures about July 1st.

—SCHOOLS—

SAN FRANCISCO—School, 2 story and base, concrete and frame, \$65,000. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for this building, which is to be erected on Church street between Hill and 24th streets are complete and have been approved. Bids for the construction will be opened on May 28th. The building will contain ten class rooms. Interior will be finished in pine with some maple floors. A central heating system will be installed. All stairways and corridors will be of concrete. Exterior will be covered with cement plaster on metal lath. Plans can be secured from the Department of Architecture. Bids will be opened by the Board of Public Works.

BERKELEY, ALAMEDA CO., CAL.—Campanile, Class A construction, \$250,000. Architect, John Gales Howard, 602 Mission St., S. F. Owners, Regents of the University of California. Plans for the Jane K. Sather Campanile have been completed and bids for its construction are now being taken. There will be a complete steel frame with exterior walls faced with marble and granite. Elevator service is provided. One of the most complete and costly set

of chimneys will be installed. Bids will be opened on June 19th by the Board of Regents of the University. Plans can be secured from the architect. An official proposal appears in this issue.

FULLERTON, ORANGE CO., CAL.—School, 1 story and base, brick, \$50,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. The building is designed in the shape of a letter T and will cover an area of 180x200 feet. Plans provide for twelve class rooms and an assembly hall. Interior will be finished in pine with some maple floors. There will be a central heating system. Exterior of the building will be faced with cement plaster. Bids are being taken on the general contract and for the heating and plumbing. Bids will be opened on June 7th. Plans can be secured from the architects or from the Clerk of the School Board at Fullerton.

CAMAS, WASH.—School, 2 story and base, brick, \$35,000. Architects, Fred A. Legg and George L. Kingsberry, Ainsworth Bldg., Portland. Owners, Camas School District. The building has been designed to contain twelve class rooms and an auditorium. The interior will be finished in pine with some maple floors. Plans provide for a central heating system and vacuum cleaning. The exterior of the building will be faced with cement plaster. Plans are complete and bids will be opened on June 2nd. Plans can be secured from the architects or from the Clerk of the Board of Education.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—School, 1 story and base, brick and concrete, \$25,000. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington School District. This building has been mentioned here before when plans were first started. Working drawings have been completed and bids will be opened on June 7th. The building will contain six class rooms and an assembly hall seating 400 people. A central heating system will be installed. Interior will be finished in pine with some maple floors. Exterior of the structure will be faced with cement plaster. Plans can be secured from the architects.

Contracts Awarded.

VENICE, LOS ANGELES CO., CAL.—School, 1 story and base, frame, \$27,000. Architects, Eager & Eager, Story Bldg., L. A. Owners, Venice School District. Contractors, Bay Wrecking and Improvement Co., 1500 Trolleyway. Venice, general construction, \$25,000. C. McNeil, Stimson Bldg., L. A., heating, \$2,300.

STORES AND OFFICES.

SAN FRANCISCO—Stores and lofts, 3 story and base, reinforced concrete, \$35,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, California Poultry Co. The building will be erected on Washington street west of Front, and will have a frontage of 30 feet and a depth of 120. The first floor will be arranged for a large store and market. Upper floors will contain the cold storage rooms and the basement a complete cold storage system. Interior of the market will be finished in tile and marble. Metal window frames and sash are specified. Exterior of the building will be faced with pressed brick and cement plaster. There will be both freight and sidewalk elevators. Plans are being prepared.

SAN FRANCISCO—Store, 1 story and base, brick. Cost not stated. Architect, Woodworth Wethered, 142 Second St., S. F. Owners, Wethered Estate. The building will be erected on the south side of Market street east of New Montgomery and will be arranged for one store. There will be patent store fronts and interior finish of pine. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and lofts, 9 story and base. Class A construction, \$275,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Metropolitan Fireproof Building Co. Contractors, F. O. Engstrom Co., 5th and Seaton Sts., L. A., general construction. Contract price, \$275,000.

LOS ANGELES, CAL.—Stores and lofts, 8 story and base. Class A construction, \$225,000. Architects, none. Owners, Isaacs Bros. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A., general construction. Contract price, \$225,000. Note: Subcontracts are now being let on all parts of the work.

LA GRANDE, ORE.—Stores and offices, 3 story and base, brick. Cost not stated. Architects, Whidden & Lewis, Lewis Bldg., Portland. Owner, C. S. Jacobsen. Contractor, A. E. Sykes, Hillsboro, Ore. Contract price not stated.

BAKERSFIELD, KERN CO., CAL.—Stores and offices, 2 story and base, brick, \$25,000. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owner, Mr. Taylor. Contractor, F. L. Gribble, Bakersfield. Contract price, \$22,621. Other bidders on this project were George M. Wilkins, \$27,929; M. F. Kean, \$26,980; Busby, \$26,145; J. Yancy, \$25,884; Dupes & Hansen, \$24,899; Brown & Paynter, \$23,135, and F. Amwig, \$23,000.

FRESNO, FRESNO CO., CAL.—Stores, 3 story and base, brick and steel, \$350,000. Architect, C. A. Meussdorfer, Humboldt Bank Bldg., S. F. Owners, Gottschalk Department Store. Contractors, Central Iron Works, S. F., structural steel and iron work. Contract price not stated.

THEATRES.

BERKELEY, ALAMEDA CO., CAL.—Theatre, 2 story and base. Class A construction, \$100,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Williamson and Mason, leased to the Turner and Dahnken Circuit. The building will be erected on Shattuck avenue south of University avenue, and will cover an area of 60x175 feet. The greater portion of the building will be taken up by the theatre, which will have a main auditorium with a seating capacity of 2,000 people. Plans provide for two stores, one on either side of the main entrance. Construction will be fireproof. A completely equipped stage will be installed, but the theatre is intended for use principally as a moving picture show house. Exterior will be faced with cement plaster. Plans are being prepared.

VISALIA, TULARE CO., CAL.—Theatre alterations, brick construction, \$50,000. Architects, Edelman & Barnett, Blanchard Bldg., L. A. Owners, Visalia Amusement Co. The present brick building will be altered so as to

contain an auditorium seating 800 people. Interior trim, plastering and decoration will be entirely new. New plumbing and electric work will also be installed. Exterior work will consist of new marble and tile wainscot in the lobby. Plans are being prepared.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 776—Proposals for Two-Retort Crematory, Switches, Frogs, Galvanized Steel, Steel Pipe, Pipe Fittings, Lead Pipe, Sheet Lead, Pig Lead, Chisels, Hammers, Cable clips, Screws, Twist drills, Stocks and Dies, Reamers, Wrenches, Hack-Saw Blades, Piles, Vises, Bronze-Wire Cloth, Tool Handles, Buckets, G-rage Cans, Brooms, Water Coolers, Grease Cups, Bibbs, Valves, Vitrified Sewer Pipe, Metallic Tapes, Sand Paper, Emery Cloth, Scrubbing Brushes, Paint Brushes, Hose, Cotton Canvas, Lump Chalk, Fire Clay, Metal Polish, Calcium Carbide, Soap, Gasoline, Coal Tar, White Zinc, Shellac, Varnish, Paints, Paper and Tag Board.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., June 5, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 776) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR SEWAGE TANK.

BUILDING, SEWAGE TANK, ETC.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 26th day of June, 1913, and then opened for the construction, complete, of latrine buildings, sewage-purification tanks, and connected piping at quarantine station, Honolulu, Hawaii, in accordance with the specification and the drawing. Drawing and specification may be obtained from the custodian of the station at Honolulu, Hawaii, or at this office, at the discretion of the supervising architect. O WENDEROTH, Supervising Architect.

PROPOSALS FOR PURCHASE OF STEEL.

SALE—Office Depot Quartermaster, San Francisco, Cal.—Sealed proposals will be received at this office until 10 a. m., May 29, 1913, for the purchase of 112,000 pounds tire steel. Further information may be had upon application to the DEPOT QUARTERMASTER.

PROPOSALS FOR BUILDING WALKS AND ROADS.

WALKS, ROADS, ETC.—Office Constructing Quartermaster, Fort Worden, Wash.—Sealed proposals, in triplicate, for the construction of concrete walks, steps, curbs, gutters, drains, catch basins, roads, etc., at Fort Casey, Wash., will be received in this office until 11 a. m., June 11, 1913, and then publicly opened. A deposit of \$5 will

be required for return of plans. Information upon application to Capt. R. F. WOODS, constructing Q. M.

PROPOSALS FOR CRANES.

CRANES — Sealed proposals, endorsed "Proposals for Electric Traveling Cranes," will be received at the bureau of yards and docks, Navy Department, Washington, D. C., until **11 o'clock a. m., June 21, 1913**, and then there publicly opened for electric traveling cranes for the general foundry, navy yard, Puget Sound, Wash. Amount available, \$19,000. Plans and specifications can be obtained on application to the bureau or to the commandant of the navy yard named, WILLIAM M. SMITH, acting chief of bureau.

PROPOSALS FOR SEARCHLIGHT TOWER.

SEARCHLIGHT TOWER—U. S. Engineer Office, Honolulu, Hawaii. — Sealed proposals for furnishing and erecting, or for furnishing only, a 70-foot steel searchlight tower of Scherzer type will be received at this office until **July 5, 1913**, and then publicly opened. Information on application to Lt. Col. Thomas H. Rees, Custom house, San Francisco, Cal., or this office. W. P. WOOTEN, major engr.

PROPOSALS FOR BUILDING CONSTRUCTION.

OFFICE Constructing Quartermaster, Fort Mason, Cal.—Sealed proposals, in triplicate, for constructing, heating and plumbing, Addition to Deception Ward, Nurses' Dormitory, Hydrotherapeutic Ward and Sterilizing and Disinfecting Building at Letterman General Hospital, Presidio of San Francisco, Cal., will be received until **1 a. m., 10th June, 1913**, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals to be endorsed "proposals for Public Building, Letterman General Hospital," and addressed to CAPTAIN E. S. WALTON, M. Corps. (*)

BIDS WANTED FOR MOTOR GENERATOR TO BE INSTALLED IN THE POLYTECHNIC HIGH SCHOOL.

SEALED BIDS COVERING FURNISHING and installation of motor generator for the Polytechnic High School will be received in open session of the board of Education to be held at **2 o'clock p. m., Wednesday, June 4, 1913**. Specifications may be had on application to the undersigned.

M. R. NORRIS,
Acting Secretary Board of Education.

PROPOSALS FOR PAINTING.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 11th day of June, 1913**, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit: The painting of the San Francisco Hospital.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made,

and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within ninety (90) calendar days thereafter.

The amount of bond for faithful performance of contract has been fixed at \$8,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the Architect, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL,
Secretary.

PROPOSALS FOR GENERATOR SETS.

OFFICE OF THE BOARD OF PUBLIC Works of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of **2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 18th day of June, 1913**, for doing the following work, to wit: The furnishing and installing of a motor generator set in the car barn of the Geary Street Municipal Railway.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within ninety (90) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$1,000.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not less than ten per centum of the aggregate of the proposal.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL,
Secretary.

PROPOSALS FOR BRIDGE WORK.

NOTICE is hereby given that sealed bids will be received by the Board of Supervisors of the County of San Mateo, State of California, up to the hour of **10 o'clock a. m., on Monday, June 2, 1913**, for constructing a reinforced concrete culvert on Seminary Avenue at Beresford, near entrance to Beresford County Club, in the Second Road District, as per plans and specifications prepared by the County Surveyor and adopted by the Board of Supervisors on Monday, May 5, 1913, which said plans and specifications are now on file in the office of the Clerk of said Board where same may be inspected.

All bids must be addressed to the Clerk of said Board of Supervisors at Redwood City, and each bid must be accompanied by a certified check on some reputable bank in a sum equal to at least 10 per cent of bid, made payable to the undersigned Clerk of said Board of Supervisors, same to be forfeited to the County of San Mateo as liquidated damages in case the party to whom the contract shall be awarded shall fail, neglect or refuse to file, within ten days after the award of said contract, a bond to be approved by the Chairman of the Board of Supervisors of said county in an amount not exceeding the contract price, or to enter into a written contract with said county in accordance with said plans and specifications, and the bid thereon.

All bids from contractors must specify the time for the completion of said work, also the cost of concrete in place, per cubic yard to be used in estimating the value of extra work, if required.

The right is reserved to reject any and all bids. JOS. H. NASH,
County Clerk.

PROPOSALS FOR BUILDING CONSTRUCTION.

SEALED bids will be received by W. F. McClure, State Engineer, Capitol Building, Sacramento, California, up to and including **12 o'clock noon, Saturday, June 14, 1913**, said bids then and there to be publicly opened and read, for the erection and construction of a group of nine buildings for the State Normal School at Los Angeles, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the State Department of Engineering, at the Capitol Building, Sacramento, California. Such bids will be received for the entire work.

A bid bond in the sum of ten per centum (10%) of the amount of the bid must accompany each bid.

A deposit of Twenty-five (\$25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of the plans and specifications to the State Department of Engineering at Sacramento, California, in good condition.

The State Department of Engineering reserves the right to reject any and all bids and to waive any informality in any bid received.

All bids must be addressed to W. F. McClure, State Engineer, Sacramento, California, and plainly marked on the envelope: "Proposals for State Normal School Buildings, Los Angeles, California."

(Signed) W. F. MCCLURE,
State Engineer.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 3, 1913.—SEALED PROPOSALS will be received at this office until **3 o'clock P. M., on the 9th day of June, 1913**, and then opened, for a conduit and wiring system in the United States Marine Hospital, San Francisco, Cal., in accordance with drawing and specification, copies of which may be had at this office or at the office of the Supervising Superintendent of Construction, U. S. Post Office, San Francisco, Cal., at the discretion of the Supervising Architect.

O. WENDEROTH,
Supervising Architect. (*)

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 19, 1913.—SEALED PRO-

POSALS will be received in this office until 3 o'clock P. M. on the 30th day of June, 1913, and then opened for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring, interior fixtures, and appliances), of the United States post office at Grass Valley, Cal. The building is to be one-story high with a mezzanine and basement and will have a ground area of approximately 4,900 square feet; fireproof construction except roof, stone and stucco facings, tile and tin roof. Drawings and specifications may be obtained from the custodian of site at Grass Valley, Cal., or at this office, at the discretion of the Supervising Architect. O. WENDEROOTH, Supervising Architect.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Wednesday, June 4th, 1913, for the Construction of the Varied Industries Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payment will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Filmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids.

to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 11 A. M., Wednesday, June 4th, 1913, for the Installation of Plumbing, Sewer and Water Pipes of the Varied Industries Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

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By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

Francisco. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, Sylvia Perazza. The building will be erected on Pacific near Hyde street, and has been arranged to contain six suites of two and three rooms each and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living room and reception hall. There will be open fire places or gas grates. Tile will be used in the bath rooms. Wall beds will be installed in all suites. Exterior of the building will be covered with brick veneer and cement plaster on metal lath. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner's name withheld. This building will be erected at the northeast corner of 18th and Guerrero streets and will contain a number of two and three room suites on the second and third floors. Several modern stores will occupy the first floor. Interior finish will be of pine with some hardwood veneer. Oak floors will be used in the reception halls and living rooms. There will be a central heating system. Bath rooms will be finished in cement plaster. The exterior of the building will be covered with rustic and klinker brick veneer. Plans are complete and figures are being taken.

POLICE STATION—2 story and base, brick and steel. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. This building will be erected at the corner of Commercial and Drumm streets and will contain the general office, guard room and cell block. Upper floor will be arranged for a rest room. There will be a central heating system. Interior finish will be of pine and hardwoods. A cement floor will be used. Exterior of the building will probably be faced with pressed brick. Plans are being prepared. Bids will be called for shortly through the office of the Board of Public Works.

WAREHOUSE—1 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Gonzales. The building will be erected on Washington street in the heart of the commission district. The floor will be of concrete. Building will be carried on a pile foundation. Entire structure will cover an area of 40x60 with an L 20x60. Interior finish will be of pine. Patent store fronts and metal window sash and frames will be used. The exterior of the building will probably be faced with cement plaster. Plans are being prepared and bids will be called for shortly.

SHOP—1 story, frame and corrugated iron, \$2,500. San Francisco. Architect, none. Owners, Fliegner & Hoffman, Howard street east of 12th S. F. The building when completed will be used for an ornamental iron works. No interior finish will be installed. The exterior of the building will be covered with corrugated iron. Plans are in the hands of the owners and the work is now being done by Day Labor.

FLATS—2 story and base, frame, \$2,500. San Francisco. Architect, J. C. Flueger, Crocker Bldg., S. F. Owner, H. Borge, 165 Noe St., S. F. These flats will be erected on 18th avenue north

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, are carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—2 story and base, frame, \$2,000. San Francisco. Architect, none. Owners, Leigh and Schultz, 330 8th Ave., S. F. The dwelling will be erected on 18th avenue near Clement and has been designed to contain six rooms and bath. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be an open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath and rustic. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architect, none. Owner, E. Neilson, 30 Precident Terrace, S. F. The dwelling will contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. Plans provide for furnace heat and an open

fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work is to be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner, W. K. Bush. The building will cover an area of 24x58 feet and will be arranged for one store on the first floor and five apartment flats on the upper floors. Interior finish will be of pine with some elm veneer. Hardwood floors will be used in the principal room. There will be open fire places or gas grates in the suites. All apartments will be equipped with wall beds and will be supplied with hot and cold running water. Exterior of the building will be covered with rustic and shiplap. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San

of Clement and each flat will contain five or six rooms. Interiors will be finished in pine with some hardwood veneer. Hardwood floors will be used in the living rooms. There will be open fire places and tile or brick mantels. Baths will have cement wainscot. The exterior of the building will be covered with rustic and klinker brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—2 story and base, frame, \$7,000. San Francisco, Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner's name withheld. The building will be erected on Parnassus avenue and will contain two large flats and a garage in the basement. Interior finish will be of pine with hardwood veneer and panels. Oak floors will be used in the principal rooms. There will be a central heating system and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchens. Exterior of the building will be covered with shiplap and cement plaster on metal lath. Plans are nearly complete and bids will be called for shortly.

FLATS—3 story and base, frame, \$9,000. San Francisco, Architect, none. Owner, Thomas F. Barry, 2641 20th St., S. F. The building will be erected on Green street west of Larkin, and has been designed to contain six apartment flats of three and four rooms each with bath. Interior will be finished in pine and elm. Hardwood floors will be used in the living rooms. A central heating system will be installed. Each flat will be equipped with a wall bed. Tile and cement plaster will be used in the bath rooms. The exterior of the building will be covered with rustic. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

FLATS—4 story and base, reinforced concrete, \$15,000. San Francisco, Architect, none. Owner, Kincaid Construction Co., 1676 Fulton St., S. F. The building will be erected on Bush street east of Larkin and will have a frontage of 27 feet and a depth of 37 feet. Interior has been arranged for eight small flats with baths. There will be pine interior finish. A central heating system will be installed. Bath rooms will have cement floors and tile wainscot. Some hardwood floors will be used. Exterior of the building will be faced with cement plaster. Plans are complete and the owners will do the work by Day Labor. All materials are now being purchased.

FLATS—3 story and base, frame, \$5,000. San Francisco, Architect, none. Owner, Gustave Spitz, 232A Langton St., S. F. The building will be erected on Langton street near Folsom, and will contain three modern flats of five and six rooms and bath. Interior finish will be of pine throughout. There will be some oak floors. Bath rooms will be finished in Keene's cement. Entrance vestibules will have terrazzo steps and the wainscot. The exterior of the building will be covered with rustic and shiplap. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

LAUNDRY—1 and 2 story and base, brick. Cost not stated. San Francisco, Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, Edward E. Rolkin. This building has been mentioned here before. The structure will

cover and area of 86½x275 feet. The greater portion of the building will be occupied by the laundry and stables. The two-story part will be arranged for flats. A contract for the grading and brick work has been let. Mr. Rolkin is now taking figures for the other parts of the work.

HOSPITAL ADDITIONS—2, 2 story and base, reinforced concrete, \$20,000 each. San Francisco, Architect, Constructing Quartermaster's Dept., Fort Mason. Owners, United States Government. Plans for a hydrotherapeutic ward and for a nurses' dormitory, both of which are to be erected at the Letterman General Hospital in the Presidio of San Francisco, have been completed and bids will be opened on June 10th. The hydrotherapeutic ward will be 79x26 and the dormitory 80x31 feet with an L 21x18 feet. Construction will be of the reinforced concrete type throughout. Roof will be of clay tile. Interior will be finished in marble and pine. Exterior of both buildings will be faced with cement plaster. Plans can be secured from the Constructing Quartermaster, Capt E. S. Walton, Fort Mason.

HOSPITAL PAINTING, ETC.—Class A construction. Cost not stated. San Francisco, Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for the painting on the San Francisco Hospital group have been completed and bids will be opened for this work on June 11th. Plans can be secured from the Department of Architecture. Bids will be taken by the Board of Public Works.

HOSPITAL GROUP—Concrete construction. Cost not stated. Pearl Harbor, Hawaii, Architects, Bureau of Yards and Docks, Washington, D. C. Owners, United States Government. Bids for the construction of this work as opened in Washington on May 10th show Spalding Construction Co., Commerce Bldg., Portland, Ore., low on the entire work at \$237,939, and W. N. Concanon, Monadnock Bldg., S. F., second low at \$241,975. No award of contract has been made. A complete list of the segregated bids appears under the heading of San Francisco in this issue.

HOTEL—2 story and base, brick and steel, \$35,000. San Francisco, Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owner's name withheld. The building is to be erected in Chinatown and will be arranged for two stores besides the hotel entrance on the first floor. Upper floor will be arranged for a total of 75 guest rooms and several baths. Interior finish will be of pine. There will be a hot and cold water supply. Patent store fronts and plate glass windows will be specified. The exterior of the building will be faced with pressed brick and cement plaster. Plans are now being prepared.

HOTEL—8 story and base, Class A construction. Cost not stated. San Francisco, Architects, A. F. and O. M. Rousseau, Monadnock Bldg., S. F. Owner's name withheld. The building will be erected on Geary street and has been designed to contain a total of 136 guest rooms, all of which will be designed with a private bath. Interior will be finished in pine and hardwood. Ornamental plaster and hardwood and tile will be used in the hotel lobby. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service, a vac-

uum cleaning system and hot water supply. Interior partitions will be of metal lath and plaster or hollow tile. A complete steel frame will be erected. Metal window sash and frames will be used. The exterior of the building will probably be faced with pressed brick and terra cotta. Plans are being prepared.

HOTEL AND STORES—1 story and base, brick and steel, \$120,000. San Francisco, Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owner's name withheld. This building will be erected in the district south of Market street and close to Mission. The structure will cover a large area and when complete will be one of the best appointed hotels in the district. Plans provide for three stores besides the hotel entrance and lobby on the ground floor. Upper six floors will be arranged for a total of 125 guest rooms and a large number of baths. Interior finish will be of pine and hardwood. Tile and cement will be used in the bath rooms. There will be steam heat, elevator service and a hot water system. Metal window sash and frames will be used. Exterior of the building will probably be faced with cement plaster. Plans are being prepared.

HOTEL AND STORE—3 story and base, reinforced concrete, \$14,000. San Francisco, Architect, William H. Crim, Jr., 425 Kearny St., S. F. Owner, J. A. McKenzie. Bids for this work have been taken by the architect and a contract will be awarded this week. The building is to be erected on Powell street, between Jackson and Pacific streets and will be arranged for two stores on the first floor and 26 rooms above. Exterior will be faced with cement plaster. Hot and cold running water will be supplied to all rooms.

HOTEL—5 story and base, reinforced concrete, \$35,000. San Francisco, Architect, A. R. Denke, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on 6th street near Mission, and has been designed to contain a store and the hotel lobby on the first floor. Upper floors will be arranged for a total of seventy rooms and a number of baths. There will be steam heat, elevator service and hot water supply. Interior will be finished in pine with some hardwood veneer. Patent store fronts and sidewalk doors and lights will be used. Exterior of the building will probably be faced with cement plaster. Plans are being prepared.

SCHOOL—2 story and base, concrete and frame, \$65,000. San Francisco, Architect, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for this building, which is to be erected on Church street between Hill and 24th streets are complete and have been approved. Bids for the construction will be opened on May 28th. The building will contain ten class rooms. Interior will be finished in pine with some maple floors. A central heating system will be installed. All stairways and corridors will be of concrete. Exterior will be covered with cement plaster on metal lath. Plans can be secured from the Department of Architecture. Bids will be opened by the Board of Public Works.

STORE—1 story and base, brick. Cost not stated. San Francisco, Architect, Woodworth Wethered, 142 Second St., S. F. Owners, Wethered Es-

tate. The building will be erected on the south side of Market street east of New Montgomery, and will be arranged for one store. There will be patent store fronts and interior finish of pine. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

STORES AND LOFTS—3 story and base, reinforced concrete, \$35,000. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, California Poultry Co. The building will be erected on Washington street west of Front, and will have a frontage of 30 feet by a depth of 120 feet. The first floor will be arranged for a large store and market. Upper floors will contain the cold storage rooms and the basement a complete cold storage system. Interior of the market will be finished in tile and marble. Metal window frames and sash are specified. Exterior of the building will be faced with pressed brick and cement plaster. There will be both freight and sidewalk elevators. Plans are being prepared.

VARIED INDUSTRIES BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Plans for the Varied Industries Building have been completed and are now out for figures. The building will be erected in the Exhibit Section of the Harbor View site. Separate bids are being taken for the general construction and for the installation of the plumbing, sewer and water pipes. Plans can be secured from the Director of Works, Service Bldg. An official proposal appears in another column of this issue.

PILE FOUNDATIONS AND ROCK AND GRAVEL BUNKERS—Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Thursday for constructing crusher rock and gravel bunkers on the Exposition site, and also for pile foundations for two of the exhibit buildings, the Mines Building and Varied Industries Building. A contract for the construction of the bunkers was awarded to Pringle-Dunn & Co. at \$2,341, and foundation work on both buildings above mentioned was awarded to Healy-Tibbitts Construction Co. at 23-10 cents per lineal foot. A complete list of the bids appears in this issue under the head of San Francisco.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, frame, \$10,500. San Francisco. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Mr. Solari. Contractor, Patrick Fahy, 518 Noe St., S. F., general construction, \$10,545. Painting to H. Kunst and plumbing to E. Crustic.

Another Modern Skyscraper.

The building which the Hohart Estate Company is about to erect on the north line of Market street, opposite Second, will be twenty stories in height, with a tower-like projection surmounted by a dome and lantern. In all of which there will be about five more floors, some of which will be finished stores.

This announcement was made in the offices of the architects, Willis Polk & Co., after the preliminary contracts had been made with the Hohart Estate Company providing for immediate construction of the building. When the first intimation of the prospective construction of a big office building on the Hohart property was given, it was understood that the height of the structure would be twelve stories. Since then, however, the scheme was changed materially, so that the owners added eight more stories upon deciding to erect a monumental office building intended as one of the most commanding structures of San Francisco.

The site of the building is vacant, and put little grading will be necessary to place the land in readiness for laying the foundations. The schedule in the architects' offices provides for completion of the structure within one year from the date of commencement of the working drawings, and it is consequently expected that tenants may occupy offices in the building as early as June, 1914. Construction is to be rushed upon the structure, as it is done now on the new insurance building on California street.

For the greater part the building will be twelve stories above the street level, and the higher elevation will rise from it, a symmetrical shaft of eight more stories, changing the sky line of Lower Market street. Its front is almost 100 feet wide, and the depth about 210 feet, being a little less on the east line of the lot. The building will have a front on Sutter street, from which there will be a hallway connecting with the main lobby on the Market street front. At present the plans contemplate leaving the Sutter street frontage for lofts, with a separate entrance, although practically all the building will be devoted to offices.

With a full steel frame covered with reinforced concrete and floors and roof of the same material, the building will be of the highest structural type, officially designated in San Francisco as "class A." Its exterior will be finished either in pressed brick or terra cotta as decided on later.

The Market street facade will be treated with a massive base supporting a colonnade two stories high, and then an ornamented belt course, above which the shaft rises plain to the eighteenth story, where another colonnade two stories high is seen. Above this is the cornice. Rising behind the tops of the walls is a central tower, in which there will be a great clock that will be visible all over the city. Smaller cupolas at either side complete the design.

It is aimed to have a first-class office building, the lobby will be finished in marble, bronze and tile, and the offices will be in hardwood with all the latest equipment and comforts.

Bids For Hospital At Pearl Harbor.

Portland Firm Low Bidder and Concannon Next for Quarter of a Million Dollar Job.

Four sets of figures were opened on May 10th in the Bureau of Yards and Docks at Washington, D. C., for the

construction of the Hospital Building at the Naval Training Station at Pearl Harbor, Hawaii. The following is a complete list of the bids as opened. An award of contract has not yet been made:

W. N. Concanon Co., Monadnock Bldg., San Francisco, Cal.

Item	
1	\$241,975
2	3,400
3	63,000
4	64,000
5	29,000
6	29,700
7	9,450
8	9,750
9	1,500
10	3,000
11	4,560
12	12,300
13	4,470
14	4,550
15	1,800
16	475
17	6,600
18	1,800
19	3,000
19a	2,500

Spalding Construction Company, 1025 Chamber of Commerce Bldg., Portland, Oregon

Item	
1	\$237,939
2	1,750
3	55,670
4	56,130
5	27,883
6	28,083
7	9,250
8	9,500
9	1,865
10	4,118
11	4,700
12	13,536
13	6,230
14	4,476
15	2,000
16	500
17	10,000
18	1,875
19	2,975

Pearson Constr. Co., 754 New York Block, Seattle, Wash.

Item	
1	\$297,828
2	2,128
3	71,872
4	72,432
5	32,113
6	34,473
7	11,965
8	12,125
9	1,950
10	3,756
11	8,580
12	19,460
13	6,548
14	7,813
15	2,512
16	606
17	5,791
18	485
19	3,312

The Hulde Tile Co., Inc., 248 Tehama Street, San Francisco, Cal.

\$3,795 for tile floors.
Lord-Young Eng. Co., Ltd., Campbell, Block, Honolulu, T. H.

Item	
1	\$275,298
2	6,562
3	72,505
4	76,105
5	33,102
6	33,802
7	11,677
8	12,077
9	2,784

10	4,763
11	5,901
12	15,097
13	6,490
14	5,781
15	2,410
16	5,000
17	8,090
18	1,950
19	2,200

Exposition Company Let Two Contracts.

Pringle-Dunn Get Work on Rock and Gravel Bunkers and Healy-Tibbitts Awarded Pile Contract.

Bids were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Thursday for constructing crushed rock and gravel bunkers on the Exposition site and also for pile foundation for two of the Exhibit Buildings, the Mines Building and Varied Industries Building. A contract for the construction of the bunkers was awarded to Pringle-Dunn & Co. at \$2,341 and foundation work for both buildings above mentioned was awarded to Healy-Tibbitts Construction Co. at 23 3-10 cents per linear foot. A complete list of the bids follows:

Rock and Gravel Bunkers.

J. Wenderling	\$2,495
Pringle-Dunn & Co.	2,341
Lange & Bergstrom	2,992
Healy-Tibbitts Constr. Co.	2,670
James B. Sheehy	2,742
Gordon Constr. Co.	3,495
B. J. Duffie	2,686

Pile Foundations For Varied Industries and Mines Buildings.

Ralph C. Gorrell, \$25 8-10 per linear foot.
Central California Constr. Co., \$24½ per linear foot.
Pacific Constr. Co., \$26 4-10 per linear foot.
Mercer-Fraser Co., \$23 85-100 per linear foot.
Healy-Tibbitts Constr. Co., \$23 3-10 per linear foot.
Contra Costa Constr. Co., \$25 9-10 per linear foot.
J. Monk, \$23 8-10 per linear foot.

Building Contracts Awarded.

San Francisco.

1887 Crawford	White	1000
1888 Crawford	White	1000
1889 Helke	Hannah	5500
1890 DeWolf	Devenenzi	2400
1891 Henry	W'n Constr	2000
1892 Ahern	Higgins	1200
1893 Cuneo	Peroni	4500
1894 Wagner	Oulish	1900
1895 Johnson	Person	1800
1896 Kaiser	Youngferdorf	5000
1897 Montg Bk	Owner	5000
1898 Judson	Smith	50000
1899 Jacobs Union	Garden	10000
1900 Nickel	Leiter	2687
1901 Grace Cath.	Bosch	2065
1902 Wagner	Zinkand	6100
1903 Van Ness	Sampson	4700
1904 Leffler	Crane	2265
1905 Wood	Lynch	36558
1906 Alter	Marcus	3800
1907 Jacobs	Binet	1000
1908 Prior	Macdonald	71500
1909 Farewell	Carlson	1475
1910 Fleegner	Hoffman	2500
1911 Riorkman	Whitman	1700
1912 Whitman	Whitman	1800
1913 Guthrie	Guthrie	650
1914 Ritchie	Wilson	900
1915 Kell	Stockholm	600

1916 Jelllett	Rednall	400
1917 Wigwam	Federal Sign	500
1918 Bulger	Rednall	400
1919 Fisher	Conrad	500
1920 God Fellows	Novelty	400
1921 Cresta	Novelty	500
1922 Bender	Eaton	450
1923 Doble	Rickon	15000
1924 Allen	Berk	1600
1925 Joseph	Kelte	21400
1926 Andier	Crothers	3700
1927 San Christina	Matthies	61897
1928 Vetter	Petry	1550
1929 Brownlee	Wagner	2300
1930 Bender	Kelley	2040
1931 Keeley	Gilmour	4000
1932 Broge	Broge	2500
1933 Ventracton Club	Owner	500
1934 Wright	Anderson	450
1935 Pardow	Rosenberg	400
1936 Sutter Theatre	Brumfield	400
1937 Cal-French Wine	Arlie	400
1938 Larson	Larson	400
1939 Leigh	Schultz	2000
1940 Kincannon	Owner	15000
1941 St. Leica	Healy	1655
1942 Woolfrey	Woolfrey	1200
1943 Same	Same	1200
1944 Same	Same	1200
1945 Barbey	Barbio	2000
1946 Roundey	Roundey	600
1947 Murphy	Sass	550
1948 Mason	Herzog	400
1949 Warden	Newton	450
1950 Hawthorne	Hawthorne	500
1951 Same	Same	600
1952 Brunel	Doan	500
1953 Fontona	Donovan	900
1954 DeVester	Declaras	500
1955 W'n St Adv	Owner	400
1956 Reppitto	Demartini	400
1957 Phuby	Knieling	800
1958 Spitz	Spitz	5000
1959 Yates	Yates	2900
1960 Ansonia	Hinson	64500
1961 Phillips	Kern	4190
1962 Neumeyer	Hill	2750
1963 Wood	Little	9000
1964 Sullivan	Sutton	400
1965 Reichmuth	Holdener	6140
1966 Varden	Broderick	400
1967 Joulain	Joulain	400
1968 Hale	Hale	1350
1969 Finnish Wkr's	Helske	500
1970 Shaw	Store Eqt.	400
1971 Etvin	Etvin	2300
1972 Payne	Skelly	1389
1973 Hofman	Warwick	11500
1974 Kiltredge	Leiter	3606

(1887) E VAN BUREN 40 S Sussex.
One-story and basement frame residence.

Owner.....A. S. Crawford, 375 Sutter, San Francisco.

Architect...None.
Contractor..W. B. White, Van Dorn Hotel, San Francisco
COST, \$1000

(1888) E VAN BUREN 85 S Sussex.
One-story and basement frame residence.

Owner.....A. S. Crawford, 375 Sutter, San Francisco.

Architect...None.
Contractor..W. B. White, Van Dorn Hotel, San Francisco
COST, \$1000

(1889) NE MISSION AND TWENTY-third. Alter two upper floors into rooming house. Extend store 30 feet, lower floor, cement floor and install new plumbing.

Owner.....W. L. Helke, Sacramento, California.

Architect...None.
Contractor..J. S. Hannah, Williams Bldg., San Francisco.
COST, \$5500

(1890) E BOARDMAN PLACE 125-3 S Bryant Two-story and basement frame residence.

Owner.....Frank Gandolf, Premises.

Architect...None.
Contractor..Louis N. Devenenzi, 415 Girard, San Francisco.
COST, \$2400

(1891) NO. 1618 GEARY. Move residence and raise and add one story.

Owner.....Jos. W. and Louise Henry, Gough near Post, S. F.
Architect...None.
Contractor...The Western Constr. & Bldg. Co., 37 Belvedere, S. F.
COST, \$2000

(1892) NO 410 HOFFMAN AVE. Raise dwelling, alter and repair.

Owner.....John F. Ahern, Premises.

Architect...None.
Contractor..J. M. Higgins, 328 Hoffman Ave., San Francisco.
COST, \$1200

(1893) S CHESTNUT 72 W Taylor. Two-story and basement frame (4) flats.

Owner.....N. Cuneo.

Architect...Paul F. De Martini, 451 Columbus Ave., S. F.

Contractor..G. Ferroni, 3045 Octavia, San Francisco.
COST, \$4500

(1894) NO. 3744 SIXTEENTH. Alter and repair dwelling.

Owner.....M. V. Cature, Premises.

Architect...None.
Contractor..J. S. Ourlish, 1247-A Bush, San Francisco.
COST, \$1900

(1895) W GRAND VIEW 50 S Morgan Alley. Two-story and basement frame dwelling.

Owner.....Carolina Johnson, Adler Sanatorium, S. F.

Architect...None.
Contractor..S. A. Person, 4447 23rd, San Francisco.
COST, \$1800

(1896) E TWELFTH AVE 125 S Cabrillo. Two-story and basement frame residence.

Owner.....H. Kaiser, 1228 Oak, S. F.

Architect...None.
Contractor..L. Youngferdorf, 477 Tehama, San Francisco.
COST, \$5000

(1897) S WASHINGTON 57-6 E Montgomery. South elevation of present building to be changed; erect steel columns, steel girders and present floors to be lowered, new fronts and pipe casings.

Owner.....Montgomery Block Association, Premises.

Architect...R. Righetti & Headman, Phelan Bldg., S. F.

Day's work.
COST, \$5000

(1898) N ELLIS 97-6 W Mason. Seven-story and basement reinforced concrete, steel frame lodging house.

Owner.....Chas. C. Judson Co., 240 California, S. F.

Architect...W. H. Weeks, 75 Post, San Francisco.

Contractor..Chas. O. Smith, 240 California, San Francisco.
COST, \$50,000

(1899) NE O'FARRELL & SAVINGS Union Place. Alterations in attic story, install passenger elevator and cement floor.

Owner.....Savings Union Bank & Trust Co., O'Farrell and Grant Ave., S. F.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor..Frank M. Garden & Co., 251 Kearny, S. F.
COST, \$10,000

BUILDING AND INDUSTRIAL NEWS

(1900) NW SACRAMENTO & LAGUNA
N 127-8 1/2 W 137-6. Excavation,
brick, concrete, carpenter, mill, glass,
glazing, hardware, iron, electric work
painting, etc., for alterations and ad-
ditions to brick garage.

Owner.....Nellie Miller Nickel.
Architect...Henry H. Meyers, Kohl
Bldg., San Francisco.
Contractor...E. T. Lefter & Sons, 150
Jessie, San Francisco.

Filed May 19, '13. Dated May 16, '13.
Brick walls up and roof boards
ready for tin.....\$1000
Completed and accepted..... 1015
Usual 35 days..... 672

TOTAL COST, \$2687
Bond, \$1344 Surety, Globe Indemnity
Co. Limit, 40 days. Forfeit, \$10. Plans
and specifications filed.

(1901) ON CALIFORNIA STREET side
of block bounded by California, Jones
Sacramento and Taylor. Plastering,
furring and lathing, etc., for build-
ing.

Owner.....Grace Cathedral Corpora-
tion.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.

Contractor...Hermann Bosch, 4420 20th,
San Francisco.

Filed May 19, '13. Dated May 16, '13.
Payments on 15th of each month 75%
Usual 35 days..... 25%

TOTAL COST, \$2065
Bond, \$1035. Surety, Massachusetts
Bonding & Insurance Co. Limit, June
10, 1913. Forfeit, none. Plans and spec-
ifications filed.

(1902) W SECOND AVE, bet Parnassus
and Irving. All work for two-story
and basement frame flats.

Owner.....W. J. and Mary K. Wagner
3605 20th, San Francisco.

Architect...Beach, Hefferman & Mat-
tanovich, 1406 Hewes Bldg.
San Francisco.

Contractor...Ed. Zinkand & Son, 434
10th Ave., San Francisco.

Filed May 19, '13. Dated May 14, '13.
Frame up and building enclosed.....\$1525
Brown coated 1525
Completed and accepted..... 1525
Usual 35 days..... 1525

TOTAL COST, \$6100
Bond, none. Limit, 100 days. Forfeit,
\$3. Plans and specifications filed.

(1903) N CLAY 110 E GOWGH E 96-3x
N 127-8 1/2. All work for alterations
and additions to two-story frame
dwelling.

Owner.....Thos. C. Van Ness, Kohl
Bldg., San Francisco.

Architect...Clinton Day, Nevada Bank
Bldg., San Francisco.

Contractor...Jas. S. Sampson, 663 Pacific
Bldg., San Francisco.

Filed May 19, '13. Dated May 15, '13.
As work progresses..... 75%
Usual 35 days..... 25%

TOTAL COST, \$4375
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1904) LOTS 30 AND 31 BLK 12 Lake-
view. All work for alterations to
one-story frame dwelling.

Owner.....John and Charlotte Leffler,
1911 Sutter, San Francisco.

Designer...M. R. Crane.
Contractor...R. Keller and M. Crane, 74
Mirimar Ave., S. F.

Filed May 19, '13. Dated May 19, '13.
Raised and underpinned.....\$566 25

Brown coated 566 25
Accepted 566 25

Usual 35 days..... 566 25

TOTAL COST, \$2265 00
Bond, none. Limit, 80 days. Forfeit,
none. Plans and specifications filed.

(1905) S SUTTER 76 W Hyde W 40-6x
S 100. All work except lighting fix-
tures and window shades for four-
story and basement Class "C" apart-
ments.

Owner.....Alicia B. Wood.
Architect...C. S. McNally, 57 Post, S. F.

Contractor...P. J. Lynch, 110 Jessie,
San Francisco.

Filed May 19, '13. Dated May 7, '13.
On 1st of each month..... 75%

TOTAL COST, \$26,653
Bond, \$18,329. Surety, Massachusetts
Bonding & Insurance Co. Limit, 150
days. Forfeit, none. Plans and spec-
ifications filed.

(1906) E SECOND AVE 200 N Geary N
25xW 120. Carpenter, plumbing,
foundations, painting for two-story
and basement frame flats.

Owner.....Herman Alter, 214 East,
San Francisco.

Architect...J. Chas. Plugger, Crocker
Bldg., San Francisco.

Contractor...Jos. Marcus and Hyman
Barnett

Filed May 19, '13. Dated May 19, '13.
Frame up\$950

Brown coated 950

Completed and accepted..... 950

Usual 35 days..... 950

TOTAL COST, \$3800
Bond, \$1900. Surety, Israel Goldberg &
J. W. Schouten. Limit, 70 days. For-
feit, \$250. Plans and specifications filed

(1907) W GUERRERO 28 N 17th. All
work for three-story frame apart-
ments.

Owner.....Win. Jacobs, 498 Guerrero,
San Francisco.

Architect...None.
Contractor...John J. Binet Co., In., 68

Ramona Ave., S. F.

Filed May 19, '13. Dated May 17, '13.
Roof on\$233 331-3

Brown coated 233 331-3

Completed and accepted..... 233 331-3

Usual 35 days..... 3000

TOTAL COST, \$10,000
Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(1908) NW EDDY AND MASON N 55x
W 52-6. All work for six-story and
basement reinforced concrete stores
and rooms.

Owner.....The Estate of J. K. Prior.
Architect...Miller & Colmesnil, Lick
Bldg., San Francisco.

Contractor...Macdonald & Kahn, Rialto
Bldg., San Francisco.

Filed May 19, '13. Dated May 19, '13.
On 1st and 15th of each month 75%

Usual 35 days..... 25%

TOTAL COST, \$71,500
Bond, \$35,750. Surety, Pacific Coast
Casualty Co. Limit, 175 days. For-
feit, none. Plans and specifications
filed.

(1909) LOT 8 BLK 24 Crocker Amazon
Tract. All work for one-story frame
bungalow.

Owner.....George E. and Lena Far-
well, 1308 Post, S. F.

Architect...None
Contractor...Gust Carlson.

Filed May 19, '13. Dated May 19, '13.
Frame up\$600

Brown coated 500

Completed and accepted..... 375

TOTAL COST, \$1475
Bond, \$750. Surety, Martin S. Shaw.
Limit, 60 days after May 21. Forfeit,
none. Plans and specifications filed.

(1910) S HOWARD 262 1/2 E 12th.
One-story frame shop.

Owner.....Flegner & Hoffman, Prem
Architect...None.

Day's work. COST, \$2500

(1911) W WORTH 144 N 22nd. One-
story and basement frame dwelling.

Owner.....John Bjorkman, 4077 23rd,
San Francisco.

Architect...None.

Day's work. COST, \$1700

(1912) N ANZA 107-6 E 23rd Ave.
One-story and basement dwelling.

Owner.....A. Whitman, 2321 Anza,
San Francisco.

Architect...None.

Day's work. COST, \$1800

(1913) S TWENTY-FIFTH 25 W De
Haro. Repair dwelling.

Owner.....G. Guthrie, 2710 Howard,
San Francisco.

Architect...None.

Day's work. COST, \$650

(1914) NO. 473 THIRTY-FOURTH
Ave. Move, raise, alter and add to
dwelling.

Owner.....J. Richie.
Architect...None.

Contractor...Wilson & Christensen, 320
Hearst Bldg., S. F.

COST, \$900

(1915) NO. 2572 MISSION. Repair
front.

Owner.....Keil Estate, Flood Bldg.,
San Francisco.

Architect...None.

Contractor...Stockholm & Allyn, 676
Monadnock Bldg., S. F.

COST, \$600

(1916) NO. 2101 WEBSTER. Altera-
tions to offices.

Owner.....Annie Jellett, Premises.
Architect...None.

Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco.

COST, \$400

(1917) E MISSION 200 N 22nd. Elec-
tric sign.

Owner.....Wigwam Amusement Co.,
Premises.

Architect...None.

Contractor...Federal Sign System Co.,
257 8th, San Francisco.

COST, \$500

(1918) NO. 2844 BRODERICK. Add
porch.

Owner.....J. K. Bulger, Premises.
Architect...None.

Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco.

COST, \$100

(1919) NO. 1614 TURK. New steps,
porch and shingle roof.

Owner.....Frank Fisher, Turk near
Van Ness Ave., S. F.

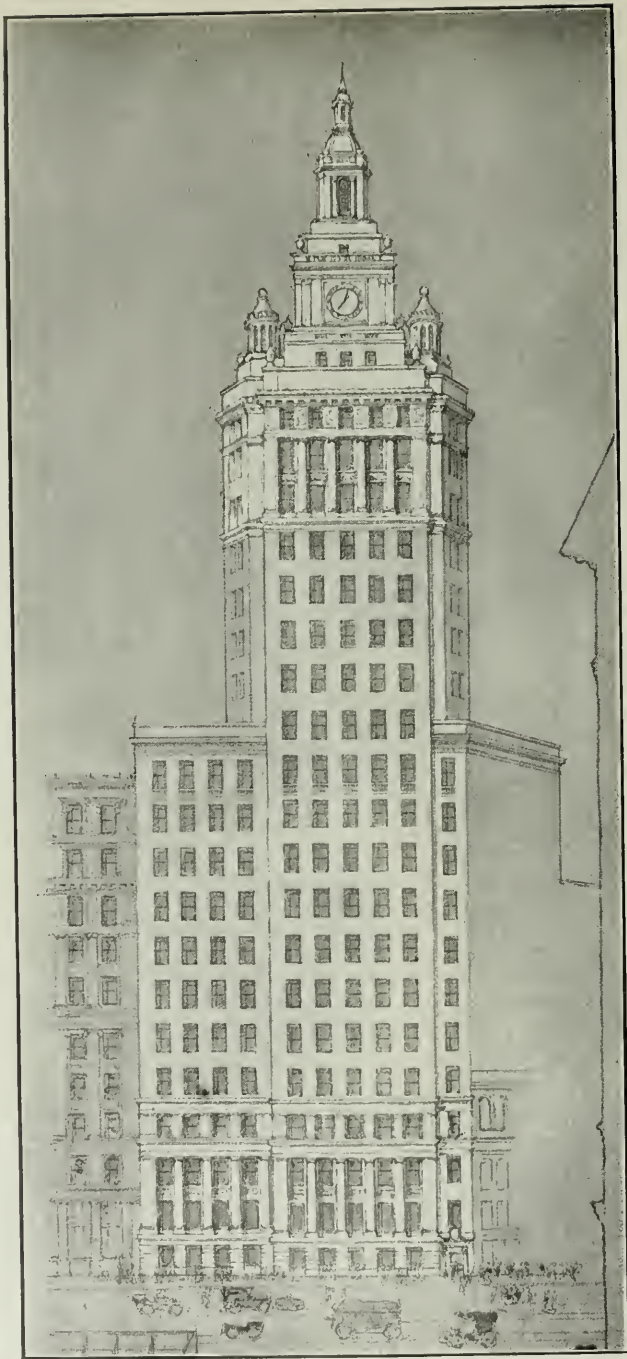
Architect...None.

Contractor...Henry Conrad, 110 Jessie,
San Francisco.

COST, \$500

(1920) NO. 156 EDDY. Electric sign

Owner.....Good Fellows Grill, Prem.
Architect...None.



MODERN SKYSCRAPER FOR HOBART ESTATE
San Francisco

Willis Polk & Co., Architects
San Francisco



JANE K. SATHER CAMPANILE
University of California

John Galen Howard, Architects
San Francisco

Contractor...Novelty Elec. Sign Co.,
165 Eddy, San Francisco
COST, \$400

(1921) NO. 166 EDDY. Electric sign.
Owner.....Cresta Blanca Wine Co.,
Premises.
Architect...None.

Contractor...Novelty Elec. Sign Co.,
165 Eddy, San Francisco.
COST, \$500

(1922) E FORTY-FIFTH AVE 120 N
Irving. Add to present building.
Owner.....C. T. Bender, 1278 45th Ave
San Francisco

Architect...None.
Contractor...George Eaton, 1235 45th
Ave., San Francisco
COST, \$450

(1923) NW SEACLIFF AVE AND 27TH
Ave which pt is N 6 deg 28 min W
6.66 from stone monument on 27th
Ave at W end Seaclyff N 3 deg 23 min
W 175.64 S 59 deg 45 min E 30.48
N 69 deg 45 min E 40.55 S 3 deg 23
min E 167.06 S 83 deg 32 min W 64.29
Lot 76 Sub 1 Seaclyff. All work for
two-story frame residence.

Owner.....Mary E. Doble.
Architect...J. W. Dolliver, Royal In-
surance Bldg., S. F.

Contractor...Fred J. H. Rickson, 201
Central Ave., San Francisco

Filed May 20, '13 Dated May 16, '13
2nd floor joists set.....\$2812 50
Enclosed 2812 50
Brown coated 2812 50
Completed and accepted..... 2812 50
36 days after..... 3750 00
TOTAL COST, \$15,000 00

Bond, \$7500. Sureties, Wm. Crocker &
Neil A. McLean. Limit, none Forfeit,
none Plans and specifications filed.

(1924) N O'FARRELL 112-6 W Taylor
W 25xN 87-6. All work for five-story
and basement Class "C" apartments.

Owner.....Andrew Allen
Architect...O. R. Thayer, Merchants'
Nat'l Bank Bldg., S. F.

Contractor...J. B. Reite and B. R. Hal-
ling, 110 Jessie, S. F.

Filed May 20, '13 Dated May 19, '13
1st floor joists set.....\$3210
Concrete frame done..... 3210
Brown coated 3210
Interior finish on..... 3210
Completed and accepted..... 3210
Usual 35 days..... 5350

TOTAL COST, \$21,400
Bond, none. Limit, 125 days. Forfeit,
none. Plans and specifications filed.

(1925) SW WASHINGTON & FRONT
W 68-9xS 60. All work for two-story
and basement brick building (stores
and lofts).

Owner.....Joseph Estate Company.
Architect...Ross & Burgren, 310 Cali-
fornia, San Francisco.

Contractor...John E. Beck, 110 Jessie,
San Francisco.

Filed May 20, '13 Dated May 19, '13
Foundation walls in.....\$3000
2nd story joists in place..... 3000
Roof rafters in place..... 3000
Completed and accepted..... 3525
Usual 35 days..... 4175

TOTAL COST, \$16,700
Bond, \$3350. Sureties, John Flaherty &
A. B. Johnson Limit, 90 days from filing
Forfeit, \$20. Bonus, \$20. Plans and
specifications filed.

(1926) N PARNASSUS AVE 127-6 W
Willard 25x138-9. All work except
plumbing, painting, glass and glazing

for two-story frame residence.

Owner.....Josephine L. Andler, 945
Guerrero, San Francisco.

Architect...Theo. W. Lenzen, Hum-
boldt Bank Bldg., S. F.

Contractor...F. Crothers, 1434 6th Ave.,
San Francisco.

Filed May 20, '13 Dated May 20, '13
Frame up\$925
Brown coated 925
Completed and accepted..... 925
Usual 35 days..... 925

TOTAL COST, \$3700
Bond, \$1850. Sureties, J. W. Schouten
and J. H. McCallum. Limit, 80 days,
Forfeit, none. Plans and specifications
filed.

(1927) SW GOLDEN GATE AVE AND
Taylor W 152-6 S 54-1½ m or 1 SE
46-5½ m or 1 NW 154-5½ N 1-6½
m or 1. All work for three-story and
basement brick stores and offices.

Owner.....San Christina Investment
Co., 1st Nat'l Bank Bldg.,
San Francisco.

Architect...Miller & Colmesnil, Lick
Bldg., San Francisco.

Contractor...Mathies & Griffith, 180
Jessie, San Francisco.

Filed May 21, '13. Dated May 20, '13.
Payments monthly of..... 75%
Usual 35 days..... 25%

TOTAL COST, \$61,897
Bond, \$35,000. Surety, Pacific Coast
Casualty Co. Limit, 150 days. Forfeit,
none. Plans and specifications filed.

(1928) NE WEBSTER & O'FARRELL
80 on Webster and 82-6 on O'Farrell.
All work for alterations and repairs
to building.

Owner.....C. F. Vette.
Architect...None.

Contractor...A. Petry, 326 Pierce, S. F.

Filed May 21, '13. Dated May 27, '13.

When floors are laid in Webster
street stores, Nos. 1406 and 1408
and area walls in on O'Farrell
street frontage\$550
Completed 612
Usual 35 days..... 388

TOTAL COST, \$1550

Bond, \$780. Sureties, E. D. Swift and
H. A. Norman. Limit, 16 days after
May 17 Forfeit, none. Specifications
only filed.

(1929) E JONES, bet. Sacramento
and Clay; also described E Jones, bet
Washington and Clay. Exterior and
interior plastering except exterior
scaffolding for three-story building.

Owner.....Annie L. Brownlee, 754
Market by Marcus Marcus-
sen.

Architect...Henry Smith, Humboldt
Bank Bldg., S. F.

Contractor...James A. Wagner.

Filed May 21, '13. Dated April 16, '13.
50% of said \$2300 when brown
coated 2300
25% of said \$2300 on completion
25% of said \$2300 on completion
of building 2300

TOTAL COST, \$2300
Bond, \$1150. Surety, American Bond-
ing Co. of Baltimore. Limit, none.
Forfeit, none. Plans and specifications
none.

(1930) SW BRODERICK AND O'FAR-
rell. Plumbing for apartment bldg.
Owner.....Mrs. Ada M. Bender, 133
Broderick, S. F.

Architect...C. M. Cook, Rialto Bldg.,
San Francisco.

Contractor...H. M. Kelley.
Filed May 21, '13. Dated May 1, '13.

Roughing in completed.....\$1020
Completed and accepted..... 1020
TOTAL COST, \$2040

Bond, none. Limit, 90 days. Forfeit,
plans and specifications, none.

(1931) E HATTIE 125 N 18th 25x75.
All work except foundations for two-
and basement frame flats.

Owner.....Jas. and Margt. Keeley, 59
Hattie, San Francisco.

Architect...J. E. McCarthy.

Contractor...Geo. D. Gilmour, 2376
Howard, San Francisco.

Filed May 21, '13. Dated May 21, '13.

Frame up\$1000
Brown coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000

TOTAL COST, \$4000
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1932) E EIGHTEENTH AVE 200 N
Clement. Two-story and basement
frame (2) flats.

Owner.....H. Borge, 165 Noe, S. F.

Architect...J. C. Plugger, 811 Crocker
Bldg., San Francisco.

Day's work. COST, \$2500

(1933) N RAYMOND 75 E Alpha. One-
story and basement frame club.

Owner.....Visitation Valley Athletic
Club, 222 Raymond Ave.,
San Francisco.

Architect...None.
Day's work. COST, \$400

(1934) NO. 2842 BUCHANAN. Add
rooms and repair interior of resi-
dence.

Owner.....F. M. Wright, Premises.
Architect...None.

Contractor...G. Anderson.
COST, \$450

(1935) NOS. 729-733 FULTON. Repair
fire damage to flats.

Owner.....Robert A. Pardow, 1st Nat-
ional Bank Bldg., S. F.

Architect...None.

Contractor...Emil Rosenberg, 1845 Bu-
chanan, San Francisco.

COST, \$450

(1936) NW FILLMORE & SUTTER
Electric sign.

Owner.....Sutter Theatre Co., Prem.
Architect...None.

Contractor...Bumfield Elec. Sign Co.,
18 7th, San Francisco.

COST, \$400

(1937) NOS. 1797-99 UNION. Alter
store.

Owner.....California-French Wine Co
Premises.

Architect...None.

Contractor...The Arlie Co., 1527 Pine,
S. F.

COST, \$400

(1938) NO. 359 WILDE AVE. Add 1-
story and basement frame to dwelling

Owner.....Carl Larson, 355 Wilde Av.
San Francisco.

Architect...None.
Day's work. COST, \$400

(1939) W EIGHTEENTH AVE 100 N
Clement. Two-story and basement
frame residence.

Owner.....Leigh & Schultz, 330 8th
Ave., San Francisco.

Architect...None.
Day's work. COST, \$2000

(1940) S BUSH 57-2 E Larkin. Four-
story and basement concrete (8) flats

BUILDING AND INDUSTRIAL NEWS

Owner.....Kincannon Constr. Co., 1676
Puliton, San Francisco.
Architect...None.
Day's work. COST, \$15,000

(1941) N DUNCAN bet Valencia and
San Jose Ave and on E San Jose Ave,
bet Duncan and Army, sidewalk etc.,
and necessary patching to sidewalk
on W Valencia in front of St. Luke's
Hospital.

Owner.....St. Luke's Hospital, Prem.
Architect...Lewis P. Hobart, Crocker
Bldg., San Francisco.

Contractor...Edw. Healy.
Filed May 22, '13. Dated May 20, '13.
15% of contract paid when 25%
of work completed
20% when 50% work done.....
15% when 75% work done.....
Completed and accepted.....Balance
TOTAL COST, \$1695

Bond, \$1000. Sureties, Edw. Healy and
Jno. Carroll. Limit, forfeit, none.
Plans and specifications filed.

(1942) SW NIAGARA 364-58 NW
Mission. One -story and basement
frame dwelling.
Owner.....John B. Wolfrey, 3168 21st
San Francisco.

Architect...None.
Day's work. COST, \$1200

(1943) SW NIAGARA 339-58 NW
Mission. One -story and basement
frame dwelling.

Owner.....John B. Wolfrey, 3168 21st
San Francisco.
Architect...None.
Day's work. COST, \$1200

(1944) SW NIAGARA 314-53 NW
Mission. One -story and basement
frame dwelling.

Owner.....John B. Wolfrey, 3168 21st
San Francisco.
Architect...None.
Day's work. COST, \$1200

(1945) E BANKS 125 N Eugenia. One
story and basement frame dwelling.
Owner.....B. Barbjo, 116 Gates, S. F.
Architect...None.
Day's work. COST, \$700

(1946) NO. 3035 SAN BRUNO AVE.
Repair store and flat.
Owner.....Roundey Realty Co., 995
Market, San Francisco.

Architect...None.
Day's work. COST, \$600

(1947) NO. 52 SANSOME. Alter front
and move partition.
Owner.....Murphy Bros., 507 Kearny,
San Francisco.

Architect...None.
Contractor...Sass & Son, 648 California,
San Francisco.
COST, \$550

(1948) NO. 172 DELMAR. Repair
present building.
Owner.....Dr. J. Harding-Mason, 172
Delmar, San Francisco.

Architect...None.
Contractor...J. Herzog, 1756 15th, S. F.
COST, \$400

(1949) NO. 253 RANDALL. Raise
dwelling and add rooms.
Owner.....T. C. Hewton, Premises.
Architect...None.
Day's work. COST, \$450

(1950) NO. 477 SEVENTH AVE. One-
story sleeping apartment.

Owner.....Chas. R. Hawthorne, 483
7th Ave., San Francisco

Architect...None.
Day's work. COST, \$500

(1951) NO. 477 SEVENTH AVE. Re-
pair laundry.

Owner.....Chas. R. Hawthorne, 283
4th Ave., San Francisco.

Architect...None.
Day's work. COST, \$600

(1952) NO. 272 NAPLES. One-story
and basement frame dwelling.

Owner.....Mrs. A. Brunel, Premises.
Architect...None.

Contractor...E. C. Doan, 719 Cambridge,
San Francisco.

COST, \$300

(1953) NO. 826 FRANCISCO. Enlarge
room and plumbing.

Owner.....Mrs. Fontana, Premises.
Architect...None.

Contractor...T. J. Donovan, 1477 6th
Ave., San Francisco.

COST, \$300

(1954) NO. 1407 RAILROAD AVE.
Alter and add to dwelling.

Owner.....Anna Sylvester, Premises.
Architect...None.

Contractor...B. W. Demarias, 732 Page,
San Francisco.

COST, \$500

(1953) NW BRYANT AND THIRD.
Roof sign.

Owner.....Western States Adv. Co.,
370 Valencia, S. F.

Architect...None.
Day's work. COST, \$400

(1956) NO. 1807 LOMBARD. Repair
dwelling.

Owner.....L. Repetto, Premises.
Architect...None.

Contractor...P. Demartini, 2869 Octavia
San Francisco.

COST, \$400

(1957) NO. 755 MARKET. Alter
saloon.

Owner.....Thos. B. Pheby, 719 Mills
Bldg., San Francisco.

Architect...None.
Contractor...A. Knieling, 1188 Stanyan,
San Francisco.

COST, \$800

(1958) W LANGTON 200 N Folsom.
Three-story and basement frame (3)
flats.

Owner.....Gustave Spitz, 232A Lang-
ton, San Francisco.

Architect...None.
Day's work. COST, \$5000

(1959) W TWENTY-FIRST AVE 150
S Geary. Two-story and basement
frame residence.

Owner.....Jeanette Yates, 310 Lick
Bldg., San Francisco.

Architect...Martin A. Schmidlin, 310
Lick Bldg., S. F.

Contractor...Wm. F. Yates, 310 Lick
Bldg., San Francisco.

COST, \$2350

(1960) N BUSH 68-9 E Leavenworth
E 45-10 N 137-6 W 45-10 S 82-6 E
1 1-6 inches S 45 W 1 1/2 inches S 10.

All work for five-story and basement
brick apartments.

Owner.....Anonlia Apartments Co.
Architect...Maxwell G. Bugbee, Lick
Bldg., San Francisco.

Contractor...L. A. Hinson, Commercial
Bldg., San Francisco.

Filed May 23, '13. Dated May 22, '13.

Concrete foundations completed.....\$5000

1st floor joists on.....5000

3rd floor joists on.....5000

5th floor joists on.....3000

Roof on.....4000

Ready for plaster.....4000

Plastering on.....7000

Standing finish on.....6000

Completed and accepted.....5500

Usual 35 days.....20000

TOTAL COST, \$64,500

Bond, \$32,250. Surety, Aetna Accident
& Liability Co. Limit, forfeit, none.

Plans and specifications filed.

(1961) SW MISSION AND SECOND
Framing, floors, stairs, vents, lath
and plaster, hardware, tiling, plumb-
ing and painting for alterations and
additions to building and office fix-
tures in 1st and mezzanine stories for
the George H. Tay Co., said work be-
ing on four-story brick building E
Mission and Second NE 70xSE 100.

Owner.....The Phillips Estate Co.
Architect...Ward & Blohme, Alaska-
Commercial Bldg., S. F.

Contractor...L. A. Kern, 3646 17th, S. F.
Filed May 23, '13. Dated May 19, '13.

Partition framing and mezzanine
floor framing done and all new
flooring laid.....\$1500 00

Completed and accepted.....1642 50

36 days after.....1047 50

TOTAL COST, \$4190 00

Bond, \$2095. Sureties, C. W. Mark and
Ray Kern. Limit, as fast as possible.

Forfeit, none. Plans and specifications
filed.

(1962) E LYON 99 S Union. All work
for two-story frame residence.

Owner.....Mary S. Neumeyer, 2640
Lyon, San Francisco.

Architect...None.
Contractor...J. A. Hill, 967 Hayes, S. F.

Filed May 23, '13. Dated May 22, '13.

Frame up.....\$627 50

Plaster completed.....637 50

Completed.....637 50

Usual 35 days.....637 50

TOTAL COST, \$2550 00

Bond, none. Limit, 70 days. Forfeit,
none. Plans and specifications filed.

(1963) S WASHINGTON 110 E Web-
ster E 27-6xS 127-8 1/4 WA 269. All
work for two-story and basement
frame flats.

Owner.....Mrs. Benj. or Alice G.
Wood.

Architect...A. F. & O. M. Rousseau,
Monadnock Bldg., S. F.

Contractor...John Little, 1371 5th Ave.,
San Francisco.

Filed May 23, '13. Dated May 21, '13.

Rough frame up.....\$2000

Completed and accepted.....6000

TOTAL COST, \$3000

Bond, \$4500. Surety, Southwestern
Surety Ins. Co. Limit, 90 days. For-
feit, none. Plans and specifications
filed.

(1964) NE CLEMENTINA & THIRD
S 30 E 80 N 30 W along S Clementina
80. Heating work for three-story
and basement Class "C" building.

Owner.....Walter H. Sullivan.
Architect...Frederick H. Meyer, Bank-
ers' Invst. Bldg., S. F.

Contractor...John G. Sutton Co., 243
Minna, San Francisco.

Filed May 23, '13. Dated May 22, '13.

On 1st of each month.....75%

Usual 35 days.....25%

TOTAL COST, \$647

Bond, \$323.50. Sureties, H. M. Van Pelt

and Edward F. Hensel. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NOTE:—Owner is given as C. Howard in specifications.

(1965) E MISSION, bet Leese and Richland Ave. All work except plate glass and mirrors, inside painting, wall beds and fixtures for two-story frame store and flat.

Owner.....Frank Reichmuth, 3715 Mission, San Francisco.
Architect...Plans by contractor.
Contractor...F. A. Holdener, Sacramento, California.

Filed May 23, '13. Dated May 20, '13.
Ready for roof.....\$1035
Brown coated 1035
Completed and accepted..... 1035
Usual 35 days..... 1035

TOTAL COST, \$4140

Bond, none. Limit, 40 days. Forfeit, none. Plans and specifications filed.

NOTE:—First report May 14th No. 1824

(1966) SE CLEMENT AND SIXTH Ave. Repair and alter store.
Owner.....Chas. Warden, 455 Clement San Francisco.

Architect...None.
Contractor...D. J. Broderick, 330 8th Ave., San Francisco.
COST, \$400

(1967) NO. 221 DOWNEY. New floor, add two rooms and panel dining room.

Owner.....A. Joullin, Premises.
Architect...None.
Day's work. COST, \$400

(1968) NOS. 1345-53 FILLMORE. Repair store and concrete floor.
Owner.....Hale Bros (Lessee), 318-24 Kearny, San Francisco.

Architect...None.
Day's work. COST, \$1350

(1969) E PLANT 100 N 16th. Two-story addition to hall.

Owner.....Finnish Workers' Association, 20 Flint, S. F.
Architect...Rhodes & Marisch, 3372 16th, San Francisco.
Contractor...J. Helske, 708 Laguna, San Francisco.
COST, \$500

(1970) NO. 3199 FILLMORE. Remove front and install stand.

Owner.....Doane R. Shaw, 451 Market San Francisco.
Architect...None.
Contractor...Store Equipment Co., 464 Jessie, San Francisco.
COST, \$400

(1971) S FOLSOM 60 W Tenth. One-story Class "C" factory.

Owner.....Arthur and Ethel Elvin, 3854 23rd, San Francisco.
Architect...Fabre & Bearwald, Merchants' Bank Bldg., S. F.
Contractor...Arthur Elvin, 3854 23rd, San Francisco.
COST, \$2300

(1972) S WASHINGTON 23-6 E Reed E 56-11% S 57-6 E 22-0% S 20 W 79 N 77-6. Plumbing, sewerage and gas fitting for three-story and basement frame apartment building.

Owner.....Dr. Clyde S. Payne, 146 Grant Ave., San Francisco.
Architect...W. G. Hind, 46 Kearny, San Francisco.
Contractor...Thos. Skelly, 660 Precita Ave., San Francisco.

Filed May 21, 13. Dated May 11, '13.
Rough work completed.....\$694 50
Completed and accepted..... 347 25
Usual 35 days..... 347 25
TOTAL COST, \$1389 00

Bond, \$700. Surety, American Bonding Co. of Baltimore. Limit, 15 days for rough work and 15 days for finish work. Forfeit, none. Plans and specifications filed.

(1973) W LEAVENWORTH 20 S Broadway S 34-4xW 60. Mill, carpenter, lath, plaster, glazing, plumbing, painting, roof, wiring, etc., for 3-story and basement flats.

Owner.....Walter A. Hofman, Care Firemen's Fund Ins. Co., San Francisco.
Architect...None.

Contractor...Harry C. Warwick, 180 Jessie, San Francisco.

Filed May 24, '13. Dated May 24, '13.
75% of work done on 1st of each month

TOTAL COST, \$11,500

Bond, none. Limit, 100 days from May 24. Forfeit, \$10. Plans and specifications, none.

(1974) SE FIRST AND TEHAMA 60 on First x 100 on Tehama. Brick, iron, carpenter, mill, lumber, glass and glazing, except skylights for alteration to one-story brick bldg.

Owner.....Jonathan Kittredge Co.
Architect...John R. Hamilton, 2710 Scott, San Francisco.
Contractor...E. T. Lelter & Sons, 180 Jessie, San Francisco.

Filed May 24, 1913. Dated May 15, '13.
Frames set and brick work carried up to support ends of trusses.....\$1352
Completed and accepted..... 1352
Usual 35 days..... 902

TOEAL COST, \$3606

Bond, \$1803. Surety, Equitable Surety Co. Limit, 30 days. Forfeit, \$5. Plans and specifications filed.

BILL OF SALE.

Charles S. Hoffman to Kate Hoffman all my rights, title and interest in and to that certain business known as and called GOLDEN GATE STRUCTURAL & ORNAMENTAL IRON WORKS at 107-109 11th Street and at 1435 Mission street. Consideration \$10. Filed May 24, 1913.

NOTICE OF NON-LIABILITY.

May 24, 1913.—LOTS 19 AND 20 BLK "H" Mission Street Land Co. Homestead Realty Co as to improvements on leased property.....

FIRE LIMIT REPORT.

Applications filed in the Bureau of Building Inspection for "Ten Down" permits in the Fire Limits for the Past Week.

Symon Bros., 1038 Mission street. 1-story frame.

Symon Bros., NE Commercial and Davis streets. One-story frame.

NOTICE OF NON-RESPONSIBILITY.

May 20, 1913.—W TWENTY-FOURTH Ave 225 N Lake N 50xW 120, Moses Fishler as to improvements on leased property.....
May 20, 1913.—NE CLAY & KEARNY N 67-9xE 97-6; No. 678 and 680 Clay Gaudry, Ettienne Frederic Rouillet,

Ellen Suzanne Dupuy, Juliette Eva Gaudry, Ettienne Frederic Rouillet Henry Guy Rouillet and Emil Edouard Rouillet as to improvements on leased property.....
May 23, 1913.—CLIFF HOUSE, Cliff House Stables and lands to the south of Cliff House. Est Adolph Sutor, dec'd as to improvements on leased property.....

PERMITS ISSUED MAY 10TH TO MAY 16TH, INCLUSIVE

Class	No. of Bldgs.	Amount,
"C"	4	\$155,000.00
Frames	39	147,860.00
Alterations	54	20,575.00
	97	\$323,435.00

SPECIFICATIONS FOR BUILDING CONTRACT FILED.

Ford Motor Co, owner with Condon & Band, contractor; John Graham, architect. Plumbing and gas fitting, etc., for service building. Filed May 17, 1913

LARGE APARTMENT CONTRACT LET.

Architects Dunn & Kearns, Monadnock Building, have let the contracts for a large apartment house, six stories in height, to be erected on N Geary 137-6 E Larkin for Mr. A. F. Schleicher. This is the second large apartment house Mr. Schleicher has erected this year, and it will cost \$55,000. The concrete is being put in at the present writing.

COMPLETION NOTICES.

San Francisco.

May 19, 1913.—COR BALBOA AND Great Highway (Ocean Beach Pavilion) Maurice Rosenthal to H Vovinkel.....Completed

May 19, 1913.—BLK BDED BY ARMY, Valencia, Duncan and San Jose Ave St. Lukes Hospital to Farrell & Reed.....May 17, 1913

May 19, 1913.—N SUSSEX 200 W Swiss 25x100. Fred Warden to Fred Warden.....May 14, 1913

May 19, 1913.—SE MARKET AND Ecker S 155xE 100. Crocker Estate Co to Chas H Hook.....May 17, 1913

May 19, 1913.—S BUSH 109 E Van Ness Ave; No. 1465. Geo H Woodward to Frasier & Frasier.....May 7, 1913

May 20, 1913.—N TWENTY-FOURTH 280 W Douglas 25-10x14. Pearl A and Wm C Heath to Jno S Purcell.....May 19, 1913

May 20, 1913.—E HYDE 97-6 S Geary 40x68-6; No. 534 Hyde. David L and Charlotte V Reynolds to J B Reite.....May 17, 1913

May 20, 1913.—NW NAPLES 150 SW France Ave SW 25xNW 100 Ptn Lot 7 Blk 43 Excl Jld. Wm S Ulmer to Stephenson & Parry.....May 16, 1913

May 20, 1913.—N PAGE 175 W Pierce Anne C Toft to Oscar W Thunberg and Frank Thompson.....May 17, 1913

May 20, 1913.—S BRYANT & ZOE SW 125xSE 160. Shreve & Co to Otis Elevator, May 15; Herman Safe Co.....May 14, 1913
May 20, 1913.—S PACIFIC AVE 137-6 W Laurel W 35 S 35 N 100. Mabel H Beedy to J Looney Co.....May 14, 1913
May 20, 1913.—E NINETEENTH AVE

LIENS FILED.

San Francisco.

125 S Anza S 25xE 120. 1 J W Bel-
den to Orrin Knox.....May 19, 1913
May 20, 1913—NW NINETEENTH
Ave and Judah (J) N 47-2½xW
120. The S F Church Extension
Society of the M E Church to J
T Johnson and J E Branagh and
T A Cuthbertson.....May 19, 1913
May 20, 1913—SE VAN NESS AVE &
Sutter S 120xE 177-6. H H Grif-
fling, Philip and Paul Bancroft to
Neil A McLean.....May 20, 1913
May 20, 1913—E VARENNES 57-6 N
Union 20x57-6. Antonio Torrano
and Giuseppe Luggiero to F C
Amoroso.....May 20, 1913
May 21, 1913—E TWENTY-SIXTH
Ave 300 S Geary S 50xE 140. John
Gray to whom it may concern.....
.....May 21, 1913
May 21, 1913—SE HOWARD 135 W
Third. Jas P Sweeney to Bishop
& Duarte.....May 20, 1913
May 21, 1913—E NOE 57 N Duncan
N 57xE 55. Knut Anderson to
whom it may concern.....May 17, 1913
May 21, 1913—N BUCHANAN 76 S
Jackson W 80xS 26. Lena Marx to
Chas King & Co.....May 21, 1913
May 21, 1913—NE MISSION AND 4TH
N 80xE 80. Voorman Co to Henry
Gervais, May 17; Charles Floeberg
and Hugh McCaffery.....May 21, 1913
May 21, 1913—W WOOL 300 N Eu-
genia Ave. Martinus Andersen to
whom it may concern.....May 20, 1913
May 22, 1913—NW CLAY & MONT-
gomery N 68-9xW 75. Behlow Est
Co to Victor Eng Co.....May 16, 1913
May 22, 1913—SW MARKET & NINTH
Ellenor H and Marguerite Douth
to California Concrete Co.....May 17, 1913
May 22, 1913—W FIFTEENTH AVE
250 S Irving W 127-6xS 25. E H
Hildebrand and A Lettich to E C
Stroth.....May 22, 1913
May 22, 1913—NE POPE 311 NW
Morse NW 30 NE 99 m or 1 SE 30
SW 199 m or 1. J F and Mand
Ethelyn Spitzke to Alert Bldg Co.....
.....May 15, 1913
May 23, 1913—N GEARY 110 W Polk
W 27-6xN 120. S Gustave Lach-
man to Ruegg Bros.....May 19, 1913
May 23, 1913—N FILBERT 90 E Oc-
tavia E 30xN 111. T Venturi to
Paul Demartini.....May 21, 1913
May 23, 1913—NE LAGUNA AND
Cedar Ave N 50-6xE 25-5. A F and
Alice M Schuppert to R Fahy.....
.....May 21, 1913
May 23, 1913—W PIERCE 100 N
Lombard N 25xW 110. Maria Sar-
torio to Vittorio Pera.....May 22, 1913
May 23, 1913—E BY SCOTT, N BY N
Lewis W to E Broderick to S by S
Tonquin Panama-Pacific Inter-
national Exposition Co to Mercer-
Fraser Co.....May 21, 1913
May 23, 1913—W LARKIN 127-8¼
N Jackson N 25xW 100. Edw Lun-
stedt to Frank J Klimm and Geo
W Boxton.....May 22, 1913
May 23, 1913—LOT 20 BLK "A" Mis-
sion Terrace. R H Banning to
whom it may concern.....May 23, 1913
May 23, 1913—S MARKET & BRADY
SW 75xSE 124. Sierra Invest Co
to Joost Bros.....May 22, 1913
May 23, 1913—NW FRONT & MER-
chant 60x68-9. Nettie Delmas Le-
Franc or Netly Delmas Lefranc,
minor to B T Owsley (2 comple-
tions).....May 21, 1913
May 23, 1913—S MARKET & BRADY
SW 75xSE 124. Sierra Investment
Co to Marshall & Sterns Co.....
.....May 15, 1913

May 17, 1913—W GENESSEE 50 N
Flood Ave N 25xW 100. J H Kruse
vs Otto A and R O Johnson.....\$98.12
May 19, 1913—W TWENTY-SIXTH
Ave 225 N Judah N 50xW 120.
Eureka Sash, Door & Moulding
Mills vs Edgar G Getz and F A
Klein.....\$446.89
May 20, 1913—W SIXTEENTH AVE
300 N Clement N 25xW 120. J M
Enyeart vs Alfred Johnson.....\$18.20
May 22, 1913—N O'FARRELL 137-6
E Stockton E 60xN 137-6. Haller-
Cunningham Elec Co vs Harry J
Moore Furniture Co, Harry J
Moore-Johnson Cos, Dahlia Loeb
and E F Hickerson.....\$71.85
May 23, 1913—E FOLSOM 185 S 22nd
S 30xE 122-6. L C Cutts vs Joseph
Welsh.....\$140
May 23, 1913—NW SEVENTH AVE &
Lake N 75xW 30. F G Norman &
Sons, \$20.89; J H Wickstrom,
\$116.50 vs Edward Helms and
Rousseau Realty Co.....

OAKLAND AND ALAMEDA
COUNTY.

RESIDENCES—3, 2 story and base,
frame, \$4,000 each. Berkeley, Alameda
Co., Cal. Architects, Cook-Latta Motte
Co., Rialto Bldg., S. F. Owner, Geo-
fiana McCluskey. These houses will
be erected on Spruce street and each
has been designed to contain nine
rooms and bath. Basement will be ar-
ranged for billiard room and servants'
room. Interior finish will be of pine
and elm panels. Hardwood floors will
be used in the principal rooms. There
will be furnace heat and open fire
places. Mantels will be of brick. Bath
rooms will be finished in cement plas-
ter and tile wainscot. Exterior will
be covered with cement plaster on
metal lath. Plans are complete and the
work is being done by Day Labor.

RESIDENCE—2 story and base,
frame, \$2,000. Piedmont, Alameda Co.,
Cal. Architect, none. Owners, West-
ern Union Home Builders, 1617 Tele-
graph Ave., Oakland. The house will
contain six rooms and bath. Interior
will be finished in pine and elm with
hardwood floors throughout. There
will be a large open fire place in the
living room with a brick or tile man-
tel. Tile will be used in the bath room
and kitchen. Exterior of the dwell-
ing will be covered with cement plas-
ter on metal lath. Plans are complete
and in the hands of the owners who
will do the work by Day Labor.

BUNGALOW—1½ story and base,
frame, \$3,000. Berkeley, Alameda Co.,
Cal. Architect, none. Owners, Belvel
and Jones, 2142½ Shattuck Ave., Ber-
keley. The dwelling will be erected
on Shattuck avenue near Los Angeles
street, and will contain seven rooms,
sleeping porch and bath. Interior fin-
ish will be of pine and hardwoods with
oak floors in the living room, dining
room and reception hall. Plans pro-
vide for furnace heat, open fire places
and an automatic water heater. Bath
room will have tile wainscot. Tile
will also be used in the kitchen. Man-
tels will be of brick. The exterior of
the dwelling will be covered with ce-
ment plaster on metal lath. Plans are
complete, and the work is to be done
by Day Labor.

BUNGALOW—1½ story and base,
frame, \$3,000. Oakland, Cal. Architect,
none. Owner, Mary A. Connell. The
house has been designed for a seven-
room dwelling with bath and sleeping
porch. Interior finish will be of pine
and hardwood. Oak floors will be used
in the principal rooms. There will be
furnace heat and open fire places. Man-
tels will be of brick and tile. Tile
will be used in the bath room and
kitchen. Exterior of the house will
be covered with cement plaster on
metal lath. Plans are complete and the
work will be done by Day Labor.

BUNGALOW—1 story and base,
frame, \$4,000. Oakland, Cal. Archi-
tect, F. D. Voorhees, Central Bank
Bldg., Oakland. Owner, F. W. Diehl.
The dwelling is to be erected at the
corner of 34th and West streets, and
has been designed for an eight-room
house with bath. Interior finish will
be of pine and hardwood. Oak floors
will be used in the living room, dining
room and reception hall. There will
be furnace heat and open fire places.
Mantels will be of brick. Tile will be
used in the bath room and kitchen. An
automatic water heater will be in-
stalled. Exterior of the house will be
covered with cement plaster on metal
lath. Plans are complete and figures
are being taken.

BUNGALOW—1 story and base,
frame, \$2,500. Berkeley, Alameda Co.,
Cal. Architect, J. C. Kincade, 6604
Dana St., Oakland. Owner, Mrs. Alberta
Fountain. The dwelling will contain
six rooms and bath. Interior will be
finished in pine throughout. Hard-
wood floors will be used in the prin-
cipal rooms. There will be a large open
fire place in the living room with brick
mantel. Tile will be used in the bath
room and kitchen. Exterior of the
dwelling will be covered with cement
plaster. Plans are complete and fig-
ures are being taken.

BUNGALOW—1 story and base,
frame, \$3,000. Berkeley, Alameda Co.,
Cal. Architect, J. C. Kincade, 6604
Dana St., Oakland. Owner, Mrs. Lulu
Case. The house will be erected on
Posen avenue, and has been designed
for a six-room dwelling with bath.
All interior finish will be of pine or
redwood. Hardwood floors will be used
in the living room, dining room and
reception hall. There will be furnace
heat and open fire place. Mantel will
be of brick. Tile will be used in the
bath room and kitchen. Exterior of
the house will be covered with cement
plaster on metal lath. Plans are com-
plete and figures are being taken.

BUNGALOW—1 story and base,
frame, \$4,500. Berkeley, Alameda Co.,
Cal. Architect, none. Owner, S. G.
Doun, 839 Phelan Bldg., S. F. The
dwelling will be erected in Claremont
Park and has been designed to contain
seven rooms, bath and sleeping porch.
Interior will be finished in pine and
hardwood. Hardwood floors will be
used in the living room, dining room
and reception hall. There will be
furnace heat and open fire places. Man-
tels will be of brick. Tile will be
used in the kitchen and bath room.
The exterior of the house will be cov-
ered with cement plaster on metal
lath. Plans are complete and figures
are being taken by the owner.

RESIDENCE—2 story and base,
frame. Cost not stated. Berkeley,
Alameda Co., Cal. Architect, Olin S.
Grove, 2911 Telegraph Ave., Berkeley.
Owner, Mr. Fish. The dwelling will be

erected at the corner of Ashby and Elmwood street, and will contain in the neighborhood of eight rooms and bath. Interior finish will be of pine with some hardwood veneer. Plans provide for furnace heat and open fire places. An automatic water heater will be installed. Hardwood floors will be used in the principal rooms. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,500. Oakland, Cal. Architect, none. Owner, H. L. Wood, 2300 Seminary Ave., Oakland. The dwelling has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood with oak floors in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Plans provide for an automatic water heater. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,500. Oakland, Cal. Architect, none. Owner, Edward Olsen, 23 West-all Ave., Oakland. The house will be erected on Bay View avenue and has been designed for an eight-room dwelling with bath and sleeping porch. All interior finish will be of pine or elm veneer. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are in the hands of the owner who is now purchasing all materials. The work will be done by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,000. Oakland, Cal. Architect, none. Owner, A. G. McNeill, 1424 9th Ave., Oakland. The building will be erected at the southeast corner of 9th avenue and East 14th street, and will be arranged for a store on the first floor and 24 rooms above. These rooms will be arranged in two and three room suites with bath and wall beds. Interior will be finished in pine and all living rooms will have hardwood floors. Baths will be finished with cement plaster. The exterior of the building will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor.

HOTEL—6 story and base, reinforced concrete and steel, \$60,000. Oakland, Cal. Architect, William Wilde, Albany Bldg., Oakland. Owner, Charles Street. The building will be erected at the northeast corner of 11th and Franklin streets. Plans for the building are complete and bids are now being taken for the excavating, concrete work and steel. There will be stores on the first floor besides the lobby and offices. Upper floors will be arranged for a number of single rooms, many of which will have connecting baths. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Bids are being taken.

CAMPANILE—Class A construction, \$250,000. Berkeley, Alameda Co., Cal. Architect, John Galen Howard, 602 Mission St., S. F. Owners, Regents of the University of California. Plans for the Jane K. Sather Campanile have been completed and bids for its construction are now being taken. There will be a complete steel frame with exterior walls faced with marble and granite. Elevator service is provided. One of the most complete and costly set of chimneys will be installed. Bids will be opened on June 19th by the Board of Regents of the University. Plans can be secured from the architect. An official proposal appears in this issue.

THEATRE—2 story and base. Class A construction, \$100,000. Berkeley, Alameda Co., Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Williamson & Masen, leased to the Turner & Dahnen Circuit. The building will be erected on Shattuck avenue south of University avenue, and will cover an area of 60x175 feet. The greater portion of the building will be taken up by the theatre, which will have a main auditorium with a seating capacity of 2,000 people. Plans provide for two stores, one on each side of the main entrance. Construction will be fireproof. A completely equipped stage will be installed, but the theatre is intended for use principally as a moving picture show house. Exterior will be faced with cement plaster. Plans are being prepared.

Building Contracts Awarded Oakland.

1572	Stutt	Moore	400
1573	Dickie	Dickie	400
1574	Huston	Huston	400
1575	Chamberlain	Yerrick	400
1576	Wagner	Somerville	2400
1577	Nunes	Nunes	2350
1578	Smith	Smith	1400
1579	Detmold	Detmold	2000
1582	Hinch	Hinch	2500
1583	Hawken	Hawken	2750
1584	Haglund	Lindquist	2500
1585	Wood	Wood	3500
1586	Sinclair	Sinclair	2500
1587	Streiff	Nichols	6680
1589	Carlston	Pac Rile Mill	53228
1590	Detmold	Detmold	2750
1591	Hoegermann	Glaze	6979
1592	Fraunder	Van Sant	4500
1593	Blumen	Loughery	1715
1594	Moore	Bischoff	2400
1595	Hammer	Hammer	600
1596	Robbins	Robbins	500
1597	Butler	Durhan	400
1598	Rurr	Wilshsee	400
1599	Albertson	Albertson	500
1602	Hoard	Hoard	1200
1603	Bandle	Storz	3500
1604	Same	Same	3500
1605	Carlson	Carlson	2500
1606	City of Okd	McLeran	61225
1607	Dunn	McGregor	10000
1610	Haglund	Lindquist	2500
1611	Detmold	Detmold	1000
1614	Smith	Russell	400
1615	Stock	Rose	500
1617	Button	Button	400
1618	Currlin	Peters	3000
1619	Wright	Wright	1000
1620	W'n Un Bldrs	Owner	2000
1621	McGregor	United	3000
1622	Howley	Pearson	2000
1623	Cott	Cott	2000
1625	Same	Same	2000
1626	Cal Optical	Schnebliv	500
1627	Flick	Flick	1500
1628	Connell	Connell	3000
1629	Wurts	Cook	1000
1630	Price	Price	2500
1637	Roth	Roth	1800
1638	Young	Young	1800
1639	Young	Young	1000
1640	Old Lamp	Owner	1175
1641	Olsen	Olsen	4500
1642	McNeill	McNeill	10000
1643	Woods	Woods	2000
1645	Moore	Bischoff	2000
1646	Schiff	Larner	9050
1648	Arbuthnot	Price	2714
1649	Kleinzhndorf	Murcell	400

1650	Edwards	McWilliams	1800
1651	Jund	Almquist	400
1652	Sutherland	Sutherland	300
1653	Brasel	Brasel	2300
1654	Hauera	Luzane	500
1655	Southerland	Owner	4000
1656	Dodds	Anderson	1476
1657	Grindby	McBeth	500
1658	Thorsted	McPhee	500

(1572) NO. 457 THIRTY-EIGHTH, Oakland. One-story 2-room dwelling. Owner.....Wm. Stutt, Premises. Architect...None. Contractor..C. T. Moore, 446 38th, Oakland. COST, \$400

(1573) NO. 2173 FORTY-EIGHTH Ave., Oakland. One-story two-room dwelling. Owner.....E. B. Dickie, Premises. Architect...None. Day's work. COST, \$400

(1574) NO. 328 E-FIFTEENTH, Oakland. Addition. Owner.....G. A. Huston, Premises. Architect...None. Day's work. COST, \$400

(1575) NO. 4235 MONTGOMERY, Oakland. Addition. Owner.....Mrs. M. G. Chamberlin, Premises. Architect...None. Contractor..A. J. Yerrick, 25 Edith, Oakland. COST, \$400

(1576) SW APRICOT & MOOR PARK, Oakland. One-story 6-room dwelling. Owner.....A. L. Wagner, Granda Apartments, Oakland. Architect...None. Contractor..J. H. Somerville, 1538 17th Ave., Oakland. COST, \$2400

(1577) S FIFTY-NINTH 430 W College Ave., Oakland. Two-story six-room dwelling. Owner.....Geo. W. Nunes, 3616 West, Oakland. Architect...None. Day's work. COST, \$2350

(1578) NE THIRTY-FIFTH AVE AND Porter, Oakland. One-story 4-room dwelling. Owner.....C. M. Smith, 2928 California, Oakland. Architect...None. Day's work. COST, \$1400

(1580) N FLORIDA 237 E Laurel Ave., Oakland. One-story five-room dwelling. Owner.....Ida F. Deme, 3220 Florida, Oakland. Architect...None. Contractor..C. C. Hays, 5837 Azalia St., Oakland. COST, \$2900

(1582) S PLEASANT VALLEY, 193 E Piedmont Ave., Oakland. One story five room dwelling. Owner.....J. S. Hinch, 1542 Broadway, Oakland. Architect...None. Day's work. COST, \$2,500

(1583) W MONTGOMERY, 55 S Ridgeway, Oakland. Two-story eight-room dwelling. Owner.....W. H. Hawken, 4195 Montgomery, Oakland. Architect...None. Day's work. COST, \$2,750

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The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

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CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

(1584) S HOPKINS, 175 E 4th Ave., Oakland. One-story six-room dwg. Owner.....E. J. Haglund, 1518 Filbert, Oakland. Architect...None. Contractor...G. N. Lindquist, 1216 Hopkins, Oakland.

COST, \$2500

(1585) E LAKE SHORE AVE., 100 N Montana Blvd., Two-story five-room dwelling. Owner.....H. L. Wood, 2300 Seminary Ave., Oakland. Architect...None. Day's work. COST, \$3500

(1586) N 59TH ST., 350 W College Ave., Oakland. Two-story seven-room dwg. Owner.....C. E. Sinclair Building Co., Delger Bldg., Oakland. Architect...None. Contractor...C. E. Sinclair, Delger Bldg., Oakland.

COST, \$2500

(1587) N E COR 40TH St and Broadway, N along Broadway 50 E 125, Oakland. All work for two-story frame apartment building. Owner.....Mrs. M. E. Streiff, N W Opal and 41st St., Oakland. Architect...None. Contractor...Leo L. Nichols, Macdonough Bldg., Oakland.

Frame up\$1670
First coat plaster on In. & Ex. 1670
Completed and accepted 1670
Usual 25 days 1670

TOTAL COST, \$6680

Bond, \$3340. Sureties, New England Casualty Co. Forfeit, none. Limit, 90

days after May 15. Plans and specifications filed.

(1589) PT 33.27 FROM SPIKE IN road marking intersection of Broadway and Telegraph Ave N 108.83 ft along line bearing NW 36.86 S 104 th on line bearing SE 8.70, Oakland. Cast iron, structural steel work, and erection and painting of same for 12-story and basement Class "A" office building.

Owner.....J. F. Carlston and A. J. Snyder, 1st National Bank Bldg., Oakland.

Architect...Ben G. McDougall, Sheldon Bldg., San Francisco. Contractor...Pacific Rolling Mill Co., Sharon Bldg., S. F.

Filed May 20, '13 Dated May 14, '13
Last of each month \$20 ton for steel not erected; \$45 ton for steel erected 25%

TOTAL COST, \$53,329

Bond, \$26,665. Surety, Globe Indemnity Co. Limit, 200 days. Forfeit, \$10. Plans and specifications filed.

(1590) S $\frac{1}{2}$ LOT 17 BLK "K" Oakland Heights Tract, Oakland. All work for dwelling.

Owner.....James F. Swift, 3132 College Ave., Oakland. Architect...None.

Contractor...Edw. Larmer, 651 Poirier, Oakland.

Filed May 20, '13. Dated May 15, '13.
Frame up ¼
Brown coated ¼
Completed ¼
Usual 35 days ¼

TOTAL COST, \$3725

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

(1591) NE MARKET AND 32ND E 115xN 50, Oakland. All work for two-story and basement flat building. Owner.....E. B. Hoegemann, 1103 Myrtle, Oakland.

Architect...J. W. Dolliver, 701 Royal Ins. Bldg., S. F.

Contractor...R. Glaze, 1602 Humboldt Bank Bldg., San Francisco

Filed May 20, '13. Dated May 19, '13.
Roof rafters on\$1208 50
Rough plastering on 1208 50
Standing finish on 1208 50
Completed and accepted 1208 50
Usual 35 days 1745 00

TOTAL COST, \$6979 00

Bond, \$3500. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1592) LOT 111 Map Piedmont by-the-Lake Tract, Oakland. All work except oak floors window shades, mantel, furnace pipes, sheet metal and lighting fixtures for two-story and basement frame dwelling.

Owner.....Cornelius and Lena Frauneder, 720 Webster, Okd.

Architect...Chas. W. McCall, Central Bank Bldg., Oakland.

Contractor...Robert H. Van Sant, Macdonough Bldg., Oakland.

Filed May 20, '13. Dated May 17, '13
Frame up ¼
Brown coated ¼
Completed and accepted ¼
Usual 35 days ¼

TOTAL COST, \$4500

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1593) NE E-TWENTYETH 165 NW 17th Ave NW 35xNE 140, Oakland. All work for one-story dwelling. Owner.....S. J. & Rose Blumen, 3224 Telegraph Ave., Oakland.

Architect...None. Contractor...J. F. Loughery, 707 31st, Oakland.

Filed May 20, '13. Dated May 19, '13.
Frame up\$350 00
Rough coat plaster on 350 00
Completed and accepted 350 00
Usual 35 days 665 50

TOTAL COST, \$1715 50

Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(1594) LOTS 22 AND 23 Map Sunset Tract, Oakland All work for one-story five-room dwelling.

Owner.....Mrs Caroline Moore, Okd. Architect...None.

Contractor...John A. Bischoff, 349 62nd, Oakland.

Filed May 20, '13. Dated May 20, '13.
Upon signing\$400
Deed trust on said property for \$2000 upon completion.....

TOTAL COST, \$2400

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1595) N NOBLE 110 W Seminary Ave., Oakland. One-story four-room dwlg

Owner.....John Hammer, 6207 E-14th, Oakland.

Architect...None. Day's work. COST, \$600

(1596) NO. 2133 BAXTER, Oakland. Addition.

Owner.....E. F. and E. V. Robbins, Premises.

Architect...None. Day's work. COST, \$500

- (1597) NO. 747 FIFTY-FOURTH, Oakland. Alterations.
Owner.....M. E. Butler, Premises.
Architect...None.
Contractor...J. P. Durham, 5301 Grove, Oakland.
COST, \$400
- (1598) NO. 5621 OCEAN VIEW DRIVE Oakland. Alter building and build garage.
Owner.....F. D. Burr.
Architect...None.
Contractor...F. J. Willsbee.
COST, \$400
- (1599) E LIESE AVE 130 N Allendale, Oakland. Alterations.
Owner.....R. Albertson, 1801 Woolsey Berkeley.
Architect...None.
Day's work
COST, \$500
- (1602) W NINETY-FOURTH AVE 50 S Walnut, Oakland. One-story 4-room dwelling.
Owner.....M. Hoard, 1416 9th Ave., Oakland.
Architect...None.
Day's work.
COST, \$1200
- (1603) N HAMPEL 50 W Elston Ave., Oakland. One-story 6-room dwlg.
Owner.....Mary J. Bandle, 1305 8th, Oakland.
Architect...Erwin Schaefer, Bacon Bldg., Oakland.
Contractor...Emil Storz, 10 Warren Ave San Leandro.
COST, \$3500
- (1604) E PROSPECT AVE 75 S Ocean View Drive. One-story 6-room dwlg.
Owner.....Mary J. Bandle, 1305 8th, Oakland.
Architect...Erwin Schaefer, Bacon Bldg., Oakland.
Contractor...Emil Storz, 10 Warren Ave San Leandro.
COST, \$3500
- (1605) S SHAFTER AVE 178 E Pryal, Oakland. One-story 6-room dwlg.
Owner.....C. E. Carlson, 1512 Grove, Berkeley.
Architect...None.
Day's work.
COST, \$2200
- (1606) THIRTEENTH AVE & E-38TH, Oakland. Reinforced concrete school building.
Owner.....City of Oakland.
Architect...John J. Donovan, Central Bank Bldg., Oakland
Contractor...McLeran & Peterson, Sharon Bldg., S. F.
COST, \$61,225
- (1607) RONADA AVE near Monticello Ave., Piedmont. Seven three-room apartments
Owner.....Dr. Robert Dunn, Romona and Monticello Ave., Piedmont.
Architect...None.
Contractor...C. M. McGregor, 470 13th Oakland.
COST, \$10,000
- (1610) S HOPKINS 175 E 4th Ave. being Lot 24 and NE 5 Lot 23 Map East Oakland Heights, Oakland. All work for one-story 6-room dwelling.
Owner.....Dr. C. J. Haglund, 1518 Filbert, Oakland.
Architect...None.
Contractor...G. N. Lindquist, 1216 Hopkins, Oakland.
Dated May 21, '13. Dated May 19, '13.
- Sheathed and roof on..... 3/4
Plastered 3/4
Completed 3/4
Usual 35 days..... 3/4
TOTAL COST, \$2500
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
- (1613) S HAWLEY, bet 72nd and 73rd Aves., Oakland. One-story 4-room dwelling.
Owner.....L. McIntosh, — Hawley, Oakland.
Architect...None.
Day's work.
COST, \$1000
- (1614) NO. 135 E-FOURTEENTH, Oakland. Alter garage to dwelling.
Owner.....Mrs. Minna G. Smith, Prem Architect...None.
Contractor...Geo. C. Russell, 252 E-14th Oakland.
COST, \$400
- (1615) NO. 1131 BROADWAY (old No.) Oakland. Alterations.
Owner.....Sam Stock, 1636 San Pablo Ave., Oakland.
Architect...None.
Contractor...A. H. Rose & Co., 545 17th, Oakland.
COST, \$500
- (1617) E HILLEGASS AVE 100 S 63rd, Oakland. Garage.
Owner.....J. W. Button, 5930 Telegraph Ave., Oakland.
Architect...None.
Day's work.
COST, \$400
- (1618) NO. 420 LESTER AVE., Oakland. Alterations.
Owner.....V. A. Currlin, Premises.
Architect...None.
Contractor...Fred Peters, 339 Portland, Oakland.
COST, \$600
- (1619) W SEVENTY-NINTH AVE 338 S E-11th, Oakland. One-story 4-room dwelling.
Owner.....J. W. Wright, 1063 81st Ave., Oakland.
Architect...None.
Day's work.
COST, \$1000
- (1620) NE OAKLAND AND SUNNY-side Aves., Piedmont. Two-story frame residence.
Owner.....Western Union Home Bldrs., 1617 Telegraph Ave., Oakland.
Architect...None.
Day's work.
COST, \$2000
- (1621) N EVERETT 310 E 13th Ave., Oakland. One and one-half-story 5-room dwelling.
Owner.....L. W. McGregor, Oakland.
Architect...None.
Contractor...United Home Bldrs., 1762 Broadway, Oakland.
COST, \$3000
- (1622) NO. 244 TWENTY-NINTH, Oakland. Addition.
Owner.....Stewart S. Hawley, Prem.
Architect...Charles Peter Weeks, Mutual Bank Bldg., S. F.
Contractor...Ben Pearson, 2403 Grant, Berkeley.
COST, \$1500
- (1624) S CAYOUR 180 W Manila, Oakland. One-story 5-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect...A. J. Mazurette, 1522 Broadway, Oakland.
- Contractor...Roger Coit, 1522 Broadway, Oakland.
COST, \$2000
- (1625) S CAYOUR 150 N Manila, Oakland. One-story 5-room dwelling.
Owner.....C. B. Coit, 1522 Broadway, Oakland.
Architect...A. J. Mazurette, 1522 Broadway, Oakland.
Contractor...Roger Coit, 1522 Broadway, Oakland.
COST, \$2000
- (1626) NO. 1221 BROADWAY, Oakland Alterations.
Owner.....California Optical Co., 1221 Broadway, Oakland.
Architect...None.
Contractor...Schnebly Hostrawser & Pedgrift, 1943 Broadway, Oakland.
COST, \$500
- (1627) W 107TH AVE 152 SW Bancroft, Oakland. One-story 5-room dwelling.
Owner.....H. C. Flick, Stanley Ave & Bancroft, Oakland.
Architect...None.
Day's work.
COST, \$1700
- (1628) S SANTA CLARA AVE 242 E Vernon, Oakland. One and one-half-story 6-room dwelling.
Owner.....Mary A. Connell, 2021 Franklin, Oakland.
Architect...None.
Day's work.
COST, \$3000
- (1629) E FILBERT 150 N 30th, Oakland One-story 4-room dwelling.
Owner.....M. L. Wurts, Commercial Bldg., Oakland.
Architect...None.
Contractor...L. T. Cook, 543 30th, Ogd.
COST, \$1000
- (1630) W HOWELL 60 S 60th, Oakland One and one-half-story 5-room dwlg.
Owner.....Price Bros., 498 Alcatraz Ave., Oakland.
Architect...None.
Day's work.
COST, \$2500
- (1637) N MONTANA 145 W Fruitvale Ave., Oakland. One-story five-room dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.
Architect...None.
Day's work.
COST, \$1800
- (1638) N MONTANA 180 W Fruitvale Ave., Oakland. One-story five-room dwelling.
Owner.....Conrad Roth, 2117 Pacific Ave., Alameda.
Architect...None.
Day's work.
COST, \$800
- (1639) W DOVER 110 N Alcen, Oakland. One-story 3-room dwelling.
Owner.....Jas. A. Young, 703 Alcen, Oakland.
Architect...None.
Day's work.
COST, \$1000
- (1640) NE SIXTEENTH & CAMPBELL, One-story 1-room factory.
Owner.....Oakland Lamp Wks. 1648 16th, Oakland.
Architect...None.
Day's work.
COST, \$1175
- (1641) N BAY VIEW 400 W Elliot, Oakland. One and one-half-story 8-room dwelling and garage.
Owner.....Edward Olsen, 29 Westall Ave., Oakland.

BUILDING AND INDUSTRIAL NEWS

Architect...None.
Day's work. COST, \$4500

(1643) NE NINTH AVE & E-14TH,
Oakland. Three-story 24-room
apartments and stores.
Owner.....A. G. McNeill, 1421 9th Ave
Oakland.
Architect...None.
Day's work. COST, \$10,000

(1644) S FORTY-SEVENTH 290 E
Grove, Oakland One-story 5-room
dwelling.
Owner.....H. N. Wood, 531 35th. Okd.
Architect...None.
Day's work. COST, \$2000

(1645) E BONA 375 N Peralta Ave.,
Oakland. One-story 5-room dwlg.
Owner.....H. Moore, Premises.
Architect...None.
Contractor...John L. Bischoff, 551 Crof-
ton Ave., Oakland.
COST, \$2000

(1646) S PERRY opp. Crescent Ave.,
Oakland. Two-story 6-room dwlg.
Owner.....J. Swift, Oakland.
Architect...None.
Contractor...Ed. Larmer, 631 Poirier,
Oakland.
COST, \$2350

(1648) SW COR. TWENTY-SIXTH &
Broadway 122 ft. 4 in. on Broadway
and 119 ft. 9 in. on 26th, Oakland.
Carpenter work, sash, door, glazing
(except plate glass), mill work,
paneling, steel and iron work, stairs,
hardware, side walk lights, plaster-
ing and wrecking of adjoining build-
ing for one-story and basement brick
store building.
Owner.....Hugo Abrahamson, 13th &
Washington, Oakland
Architect...F. D. Voorhees, Central
Bank Bldg., Oakland.
Contractor...J. O. Price, Blake Bldg.,
Oakland
Filed May 23, '13. Dated May 22, '13.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$2714
Bond, \$1360. Surety, Fidelity & De-
posit Co. Limit, 45 days. Forfeit, \$5.
Plans and specifications filed.

(1649) NO. 3431 LLOYD AVE., Oak-
land. Addition.
Owner.....Carl Kleinzindorf, Prem.
Architect...None.
Contractor...A. E. Murcell, — Reding,
Oakland.
COST, \$400

(1650) S E-TWENTY-FIRST 200 W
5th Ave., Oakland. One-story 5-room
dwelling.
Owner.....E. Edwards, Oakland.
Architect...None.
Contractor...R. A. McWilliams, 191
Moss Ave., Oakland.
COST, \$1800

(1651) S FORTY-FIFTH 50 W Tele-
graph Ave., Oakland. Alterations and
repairs.
Owner.....Geo. Jund, NW 45th and
Shattuck, Oakland.
Architect...None.
Contractor...A. W. Almquist, 464 43rd,
Oakland.
COST, \$400

(1652) W MITCHELL, bet. E-21st and
E-22nd, Oakland. Repairs.
Owner.....David R. Sutherland, 2700
E-22nd, Oakland.
Architect...None.
Day's work. COST, \$500

(1653) N OCEAN VIEW DRIVE 320 E
McMillan, Oakland. Two-story 7-
room dwelling.

Owner.....L. S. W. Brasel, 5836 Ocean
View Drive, Oakland.
Architect...None.
Contractor...M. P. Brasel, 5836 Ocean
View Drive, Oakland.
COST, \$2500

(1654) NO. 1120 SIXTY-FIFTH (rear),
Oakland. One-story 3-room dwlg.
Owner.....D. Rautera, Premises.
Architect...None.
Contractor...Luzane Bros., 2316 Poplar,
Oakland.
COST, \$350

(1655) NE THIRTEENTH AVE AND
Dolores, Oakland. Two-story 6-room
dwelling.
Owner.....R. T. Southerland, 1203 E-
14th, Oakland.
Architect...C. H. Miller, 63 Post, S. F.
Day's work. COST, \$4000

(1656) NO. 2046 TWENTY-FOURTH
Ave and key lot adjoining on East,
Oakland. All work for addition to
dwelling and garage.
Owner.....Thomas G. Dodds, E-21st
and 24th Ave., Oakland.
Architect...None.
Contractor...A. F. Anderson, Oakland.
Filed May 24, '13. Dated May 20, '13.
Completed\$1000
Usual 35 days..... 476
TOTAL COST, \$1476
Bond, none. Limit, July 10. Forfeit,
plans and specifications, none.

(1657) NO. 39 MONTE VISTA AVE.,
Oakland. Alterations.
Owner.....E. Ormsby, Premises.
Architect...None.
Contractor...R. H. McBeth, 1050 Stan-
nage Ave., Albany.
COST, \$500

(1658) NO. 1427 BROADWAY, Oakland
Alterations.
Owner.....Thorsted Floral Co., 14th
and Washington, Oakland.
Architect...None.
Contractor...A. J. McPhee, 2144 E-27th,
Oakland.
COST, \$500

Building Contracts Awarded Berkeley.

1579	Sykes	Patrick	6880
1581	Denbigh	Denbigh	1900
1588	Schmidt	Olsen	2250
1600	Sherman	Kee	15900
1601	Elison	Spittler	3600
1608	Bekerf	Woodburn	1860
1609	Same	Same	1745
1611	Wyckoff	Kidder	500
1612	Same	Same	700
1616	O'Brien	Levi	500
1623	Tibbitts	McKibben	1000
1631	Bevel	Jones	3000
1642	McDowell	Montgomery	2700
1647	Shearman	Stoddard	1210
1659	McCluskey	Simmonds	3000
1660	Same	Same	3000
1661	Same	Same	3000

(1579) LOTS 23 AND 24 BLK 11 Map
Oak Ridge, Claremont, Berkeley.
Excavating and grading, brick, con-
crete and stone work, iron and metal
work, carpenter, and mill work
plastering, plumbing, painting, roof-
ing, glazing, tile setting, hardware,
electric work for two-story and base-
ment frame dwelling.
Owner.....Alice M. Sykes, Berkeley.
Architect...Harris Allen, 2514 Mil-
lars Ave., Berkeley.

Contractor...Patrick-Nelson Bldg. Co.,
2025 Addison, Berkeley.
Filed May 19, '13. Dated May 19, '13.
Frame up ¼
1st coat plaster on..... ¼
Completed and accepted and filed ¼
Usual 35 days..... ¼

TOTAL COST, \$6880
Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1581) W REGENT, 125 S Ashby, Ber-
keley. One and one-half story five-
room dwelling.
Owner.....B. K. Denbigh, 2035 Shat-
tuck Ave., Berkeley.
Architect...None.
Day's work. COST, \$1900

(1588) S E CALIFORNIA AND Cedar,
Berkeley. One-story store and dwg.
Owner.....W. J. Schmidt, S E Cedar
and Sacramento, Berkeley.
Architect...None.
Contractor...Nels Olsen, 2415 7th St.,
Berkeley.
COST, \$2250

(1600) NE DWIGHT WAY AND PIED-
mont Ave., Berkeley. Two-story 12-
room dwelling.
Owner.....T. M. Sherman, 2799 Ben-
venue Ave., Berkeley.
Architect...None.
Contractor...H. D. Koch, 1816 Parker,
Berkeley.
COST, \$15,900

(1601) E OXFORD 100 N Los Angeles
Berkeley. Two-story 6-room dwlg.
Owner.....R. E. Ellison, 2922 Shat-
tuck Ave., Berkeley.
Architect...None.
Contractor...E. B. Spittler, 2154 Ashby
Ave., Berkeley
COST, \$3600

(1608) LOT 6 Map Key Route Station
Tract, Berkeley. All work for one-
story 5-room dwelling.
Owner.....William J. Baker, 650 Fill-
more, San Francisco.
Architect...None.
Contractor...Paul Woodburn, 5975 Keith
Ave., Oakland.
Filed May 21, '13. Dated May 17, '13.
Frame up ready to close in..... ¼
Brown coated ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, \$1860
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1609) LOT 8 Map Key Route Station
Tract, Berkeley. All work for one-
story five-room dwelling.
Owner.....William J. Baker, 650 Fill-
more, San Francisco.
Architect...None.
Contractor...Paul Woodburn, 5975 Keith
Ave., Oakland.
Filed May 21, '13. Dated May 17, '13.
Frame up ready to close in.....\$436
Brown coated 436
Completed and accepted..... 436
Usual 35 days..... 437
TOTAL COST, \$1745
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

(1611) S BANCROFT WAY 300 E
Telegraph, Berkeley. Alterations.
Owner.....W. Wyckoff, Watsonville,
California.
Architect...None.
Contractor...Kidder & McCullough,
2075 Addison, Berkeley.
COST, \$500

(1612) S BANCROFT WAY 350 E
Telegraph, Berkeley. Alterations.
Owner.....W. Wyckoff, Watsonville,
California.
Architect...None.
Contractor..Kidder & McCullough,
2075 Addison, Berkeley.
COST, \$700

(1616) SE TELEGRAPH AND BAN-
croft Way, Berkeley. Alterations.
Owner.....P. N. O'Brien.
Architect...None.
Contractor..The S. Levi Fixture Shop,
446 6th, San Francisco.
COST, \$500

(1623) E SHATTUCK AVE 450 S Los
Angeles, Berkeley. One-story rein-
forced concrete garage.
Owner.....F. H. Tibbetts, 1635 Shat-
tuck Ave., Berkeley.
Architect...None.
Contractor..Herbert D. McKibben, 2125
Shattuck Ave., Berkeley.
COST, \$1000

(1631) E SHATTUCK AVE 200 S Los
Angeles Ave., Berkeley. One and one-
half-story 6-room dwelling.
Owner.....Bevel & Jones, 2142 1/2 Shat-
tuck Ave., Berkeley.
Architect...None.
Day's work. COST, \$3000

(1642) SE MONTEREY & COLUSA,
Berkeley. One-story 5-room dwlg.
Owner.....L. B. McDowell.
Architect...None.
Contractor..W. S. Montgomery, 2321
Ward, Berkeley.
COST, \$2700

(1647) COR. DWIGHT WAY AND
Piedmont Ave., Berkeley. Plumbing,
sewers, gas fitting, fixtures, vacuum
pipes for two-story and basement
frame dwelling.
Owner.....T. M. Shearman, 2799 Ben-
venue Ave., Berkeley.
Architect...W. H. Ratcliff Jr., 1st N'l.
Bank Bldg., Berkeley.
Contractor..George Stoddard, 2101 Un-
iversity Ave., Berkeley.
Filed May 23, '13. Dated May 22, '13.
Sewer and roughing in com-
pleted\$450 00
Completed and accepted..... 530 00
Usual 35 days. 330 50
TOTAL COST, \$1310 50
Bond, none. Limit, within completion
of general contract. Forfeit, none.
Plans and specifications filed.

(1659) W SPRUCE 440 N Eunice, Ber-
keley. Two-story 7-room dwlg.
Owner.....Mrs. G. McCluskey, 851
Lombard, San Francisco.
Architect...Cook-La Motte Co., Inc.,
Rialto Bldg., S. F.
Contractor..Frank Simmonds, 1128
Spruce, Berkeley.
COST, \$3000

(1660) W SPRUCE 600 N Eunice, Ber-
keley. Two-story 7-room dwlg.
Owner.....Mrs. G. McCluskey, 851
Lombard, San Francisco.
Architect...Cook-La Motte Co., Inc.,
Rialto Bldg., S. F.
Contractor..Frank Simmonds, 1128
Spruce, Berkeley.
COST, \$3000

(1661) W SPRUCE 520 N Eunice, Ber-
keley. Two-story 7-room dwlg.
Owner.....Mrs. G. McCluskey, 851
Lombard, San Francisco

Architect...Cook-La Motte Co., Inc.,
Rialto Bldg., S. F.
Contractor..Frank Simmonds, 1128
Spruce, Berkeley.
COST, \$3000

Building Contracts Awarded

Alameda.

1632	Rockingham	Owner	1800
1633	Sansome	Delaney	750
1634	Brown	Brown	400
1635	Middlemas	Thornally	500
1636	Lewis	Lewis	2000

(1632) NO. 1828 WALNUT, Alameda.
One-story dwelling.
Owner.....J. B. C. Rockingham, 2856
Van Buren, Alameda.
Architect...None.
Day's work. COST, \$1800

(1633) NO. 1309 WEBER, Alameda.
Alterations.
Owner.....J. A. Sansome, Premises.
Architect...None.
Contractor..Delaney & Randlett, 2303
Central Ave., Alameda.
COST, \$750

(1634) NO. 1100 SHERMAN, Alameda.
Add to dwelling.
Owner.....Arthur Brown, Premises..
Architect...None.
Day's work. COST, \$400

(1635) NO. 2112 SANTA CLARA AVE.,
Alameda. Add to dwelling.
Owner.....Middlemas Co., Premises.
Architect...A. W. Cornelius, 625 Mar-
ket, San Francisco.
Contractor..W. G. Thornally, 3027 E-
16th, Oakland.
COST, \$500

(1636) NO. 765 PACIFIC AVE., Ala-
ameda. One-story dwelling.
Owner.....W. B. Lewis, 766 Pacific
Ave., Alameda.
Architect...None.
Day's work. COST, \$2000

NOTICE OF NON-RESPONSIBILITY.

May 19, 1913—LOT 20 BLK "R" Map
Foot Hill Park, Oakland. W P
Frick as to improvements on leased
property

Completion Notices.

ALAMEDA COUNTY.

May 19, 1913—W MCKINLEY AVE
40 S Channing Way 40x65 Rose
Pendleton to F R Peake. May 17, 1913
May 19, 1913—S THIRTY-FIRST 380
W Telegraph Ave; No. 551 31st,
Okd. Sufle M Brackett to Gal-
lagher & Motts.....May 19, 1913
May 21, 1913—E WESTER 52 S
Buena Vista Ave S 50x E 100, Okd.
Peter Jorgenson to Aitchinson &
SonMay 21, 1913
May 22, 1913—LOT 6 BLK "B" Map
Fourth Ave Park, Okd. Alice M
Stout to G Ellis Nichols. May 13, 1913
May 22, 1913—LOT 8 BLK 17 North-
brae Tract, Bkly. F P Gimsley to
A Y Skee.....May 21, 1913
May 22, 1913—LOT 5 BLK "D" Map
Central Piedmont Tract, Piedmont.
B L Alburn to A S Ruch. May 22, 1913
May 23, 1913—E PARK 192.85 N
Central Ave N 75.08 E 80 N 25 E 60
S 100.08 W 140, Ala. Mrs. Annie
L Neal to Charles S Watson.....
.....May 20, 1913
May 22, 1913—NE BERRYMAN AND

Josephine 40x100, Bkly. Ira Sor-
rick to F R Peake.....May 22, 1913
May 23, 1913—NW EIGHTH AND
Kirkham N along Kirkham S 80.75
W 44 S 80.09 E 44.64, Okd. Mar-
garet L Eschbacher and Louise M
McMurtry to D F Harris.....
.....May 23, 1913

LIENS FILED.

ALAMEDA COUNTY.

May 16, 1913—N CENTRAL AVE 120
ft. 1 in. W High W 40xN 174, Ala.
Lucy May Kalas (wf Antony
Thomas)\$5000
May 16, 1912—NE BOULEVARD
Way 84 1/2 NW Girard Ave NW 40
xNE 120, Piedmont. Inter Cities
Home Builders vs E and Mary Op-
penheim\$1662
May 16, 1913—S LAKE 140 E Mad-
ison E 50xS 100, Okd. C Carnevali
Marble & Mosaic Co vs Laura and
G A Johnson.....\$151

SAN JOSE AND THE SANTA CLARA VALLEY.

COTTAGES AND RESIDENCES—
Frame. Cost not stated. San Jose,
Santa Clara Co., Cal. The following Day
Labor jobs are reported as about to be
started in San Jose: V. Pieracci, S. W.
Rosa and 21st Sts., San Jose, 5 room
cottage, \$1,500; F. O. Nelson, Imperial
Hotel, San Jose, 5 room frame cottage,
\$2,500; J. F. Cambiano, 858 So. 7th St.,
San Jose, 6 room frame cottage, \$2,000.

TOWN HALL—2 story and base,
frame, \$10,000. Los Gatos, Santa Clara
Co., Cal. Architect, William H. Crim,
Jr., 425 Kearny St., S. F. Owners,
Town of Los Gatos. Architect Crim
has just been commissioned to prepare
plans for this building, which is to be
designed in the Spanish Renaissance
style. There will be offices for the
City Clerk, Marshall, Fire Chief and
Tax Collector. An auditorium seating
150 people is also provided. Interior
will be finished in pine. Exterior of
the building will be covered with ce-
ment plaster on metal lath. Plans are
complete and figures will be called for
shortly.

MARIN, CONTRA COSTA AND SONOMA COUNTIES

BUNGALOWS—6, 1 story and base,
frame, \$2,500 each. Crockett, Contra
Costa Co., Cal. Architect, William H.
Crim, Jr., 425 Kearny St., S. F. Owners,
American-Hawley Sugar Co. These
bungalows are the first of a number of
similar buildings which will be erected
by the sugar company for its em-
ployees at Crockett. Each of the
houses will contain six rooms and bath.
Interior finish will be of pine through-
out. There will be open fire places
and tile or brick mantels. Some hard-
wood floors will be used. Tile will be
used in the bath rooms and kitchens.
Exteriors will be covered with rustic
shingles and cement plaster. Plans
are being prepared and when complete
the work will be done by Day Labor.

APARTMENT HOUSE—2 story and
base, brick. Cost no' stated. Rich-
mond, Contr. Costa Co., Cal. Architect,
J. B. Ogborn, 611 Macdonald Ave.,
Richmond. Owner, C. G. Blake. The
building will be arranged for stores on
the first floor and the entrance to
apartments above. Upper floor will be

BUILDING AND INDUSTRIAL NEWS.

subdivided into two and three room suites with baths. Interior finish will be of pine throughout. There will be wall lene in all apartments. Cement plaster will be used in the bath rooms. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

HOTEL AND STORES—3 story and base, brick. Cost not stated. Richmond, Contra Costa Co., Cal. Architect, J. B. Oghorn, 611 MacDonald Ave., Richmond. Owner, E. B. Anderson. The first floor of the building will be arranged for stores and the hotel lobby. Upper floors will be divided into forty guest rooms and one housekeeper's suite. Interior finish will be of pine. Plans provide for a steam heating system and hot water supply. The exterior of the building will be faced with pressed brick. A contract for the brick and steel work has been awarded to James Cruickshank for \$1,120. Bids are now being taken for other parts of the work.

Completion Notices.

CONTRA COSTA COUNTY.

<p>RECORDED</p> <p>May 17, 1913—LOT 19 BLK 137, City of Richmond. C E Surles to W H Adams.....Jan. 9, 1913</p> <p>May 17, 1913—PTN LOTS 29 AND 30 Blk 106, City of Richmond. Tonnis Meyer to O E Evans (as architect).....May 15, 1913</p> <p>May 19, 1913—LOT 7 AND E ½ LOT 6 Blk 25, City of Richmond. Milton J Purman and Gladys Cosgrove to Martin B Roberts.....May 14, 1913</p>	<p>ACCEPTED</p>
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FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

THEATRE ALTERATIONS—Brick construction, \$30,000. Visalia, Tulare Co., Cal. Architects, Edelman & Barnett, Blanchard Bldg., L. A. Owners, Visalia Amusement Co. The present brick building will be altered so as to contain an auditorium seating 800 people. Interior trim, plastering and decoration will be entirely new. New plumbing and electric work will also be installed. Exterior work will consist of new marble and tile wainscot in the lobby. Plans are being prepared.

Contracts Awarded.

STORES AND OFFICES—2 story and base, brick, \$23,000. Bakersfield, Kern Co., Cal. Architect, J. M. Saffell, New Fish Bldg., Bakersfield. Owner, Mr. Taylor. Contractor, F. M. Gribble, Bakersfield. Contract price, \$22,621. Other bidders on this work were George M. Wilkins, \$27,929; M. F. Kean, \$26,980; Busby, \$26,445; J. Yancey, \$25,884; Dupes & Hansen, \$24,899; Brown & Paynter, \$25,135, and F. Amwig, \$23,000.

BANK AND OFFICES—2 story and base, brick, \$15,000. Fowler, Fresno Co., Cal. Architect's name not given. Owners, Fowler National Bank. Contractors, Trewhitt & Shields, Hanford. Contract price, \$14,800. Note: This contract does not include bank fixtures or vaults.

STORES—3 story and base, brick and steel, \$350,000. Fresno, Fresno Co., Cal. Architect, C. A. Meussdorffer, Humboldt Bank Bldg., S. F. Owners,

Gottschalk Department Store. Contractors, Central Iron Works, S. F., structural steel and iron work. Contract price not stated.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BUNGALOWS AND RESIDENCES—1 and 2 story frame. Cost not stated. Stockton, San Joaquin Co., Cal. The following Day Labor jobs are reported as about to be started in Stockton: H. M. Harkness, Stockton, 2 story frame dwelling, \$3,000; E. C. Cullums, 822 So. Ophir, Stockton, 1 story frame cottage, \$1,800; L. Freitas, 505 West Vine St., Stockton, addition to frame dwelling, \$2,700; Carl Hohkolt, 215 East Fremont, Stockton, 1 story frame cottage, \$1,600; William E. Eddy, Stockton, 1 story frame cottage, \$1,850, and A. Godsil, 516 West Park, Stockton, 1 story frame cottage, \$2,000.

FLOUR MILL—5 story and base, reinforced concrete. Cost not stated. Sacramento, Cal. Architect, P. J. Herold, Forum Bldg., Sacramento. Owner's name withheld. The architect has completed working drawings for the largest flour mill to be erected in the interior. The structure will be fireproof throughout and will be equipped with the most modern machinery. Considerable steel will be used. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken by Mr. Herold.

GRAIN ELEVATOR—Reinforced concrete construction. Cost not stated. Sacramento, Cal. Architect, P. J. Herold, Forum Bldg., Sacramento. Owner's name withheld. Bids are now being taken for a reinforced concrete grain elevator which is to be erected in connection with the flour mill described above. This elevator will have a capacity of 75,000 bushels and will be fireproof throughout. Exterior will be faced with cement plaster. Bids are now being taken.

POSTOFFICE—1 story, mezzanine and base, fireproof construction. Cost not stated. Grass Valley, Nevada Co., Owners, United States Government. Oscar Venderoth, Washington, D. C. Plans are complete and bids will be opened on June 30th for the construction of this building. The building will cover a ground area of approximately 4,900 square feet. Construction will be fireproof throughout with the exception of the roof. Interior finish will be of pine and hardwood. A central heating system will be installed. Exterior of the building will be faced with stone and stucco. A general contract will be let. Plans may be secured from the Supervising Architect at Washington or from the custodian of the site at Grass Valley. An official proposal appears in another column of this issue

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 15 BLK 67 S M C, Stockton. Erect frame building.
Owner.....E. E. Wright, 1730 El Dorado St., Stockton.
Architect...None.
Day's work. COST, \$300

LOT 5 BLK 50 E, Stockton. Erect frame building.
Owner....B. Stauffer.
Architect...None.
Day's work. COST, \$3000

LOT 14 BLK 324 E, Stockton. Frame building.
Owner.....H. M. Harkness.
Architect...None.
Day's work. COST, \$3000

LOT 11 BLK 1 W, Stockton. Remodel brick building.
Owner.....Mr. Watkins.
Architect...None.
Day's work. COST, \$2400

LOT 4 BLK 90 W, Stockton. Frame building.
Owner.....F. E. Cullums, 822 S-Ophir, Stockton.
Architect...None.
Day's work. COST, \$1800

LOT 11 BLK 12 West, Stockton. Addition to frame building.
Owner.....L. Freitas, 505 W-Vine St., Stockton.
Architect...None.
Day's work. COST, \$2700

LOT 12 BLK 89 S M C, Stockton. Erect frame building.
Owner.....Carl Hohkolt, 215 E-Fremont St., Stockton.
Architect...None.
Day's work. COST, \$1600

LOT 15 BLK 10, The Oaks, Stockton. Frame building.
Owner.....Wm. E. Eddy.
Architect...None.
Day's work. COST, \$1850

E 27 FT. LOT 3 AND W 11 FT. LOT 5 Blk 473, Stockton. Frame building.
Owner.....R. Godsil, 516 W-Park St., Stockton.
Architect...None.
Day's work. COST, \$2000

LOT 12 BLK 10 East, Stockton. Three-story brick building.
Owner.....Stockton Ice & Fuel Co., 39 S-Eldorado St., Stockton
Architect...Walter King, 309 Elks' Bldg., Stockton.
Contractor..Daniels & Green, N-Edison St., Stockton.
COST, \$25,000

Liens Filed.

SACRAMENTO COUNTY.

<p>RECORDED</p> <p>May 21, 1913—W 20 FT. LOT 12 AND E 30 ft. Lot 12 Blk 8, Town of Folsom. G W Nielsen and R F Kipp vs Julia Malone.....\$300</p>	<p>AMOUNT</p>
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LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—4 story and base. Class C. Cost not stated. Long Beach, Los Angeles Co., Cal. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, Fred Dennie. The building will cover an area of 50x144 feet and the interior has been arranged for a total of 102 rooms. These will be arranged in two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood. Bath rooms will be finished in cement. There will be steam heat.

elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and figures are to be called for shortly.

APARTMENT HOUSE—4 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Milwaukee Building Co., Wright & Callender Bldg., L. A. Owner, G. A. Melsing. The building will be erected on a corner site and will cover an area of 117x150 feet. Interior will contain a total of 125 rooms, arranged in two and three room suites with private baths and wall beds. Interior finish will be of pine and hardwood. The wainscot and cement floors will be used in the bath rooms. Plans provide for steam heat, elevator service and vacuum cleaning system. Exterior of the building will be faced with pressed brick and artificial stone. Plans are being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. San Pedro, Los Angeles Co., Cal. Architect, Thomas Preston, Higgins Bldg., L. A. Owner, J. J. Connor. The building has been designed to contain 21 suites of two and three rooms each with bath and will cover a lot 50x90 feet. Interior finish will be of pine and hardwood. Plans provide for steam heat and a vacuum cleaning system. Bath rooms will be finished in tile and cement plaster. Wall beds will be used in all suites. The exterior of the building will be faced with blue pressed brick. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, Leonard L. Jones, I. W. Hellman Bldg., L. A. Owner, Mrs. A. G. Thompkins. The building will cover an area of 50x135 feet, and will contain 55 rooms arranged in two and three room suites with private bath and wall beds. Interior finish will be largely of pine with some hardwood trim in the living rooms and hardwood floors. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick. Plans are being prepared.

BANK AND OFFICES—2 story and base, reinforced concrete and steel, \$75,000. Redlands, San Bernardino Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. The building will cover an area of 40x118 feet. The entire first floor will be occupied by the bank. Upper floor will be subdivided into a number of modern offices. Interior of the banking rooms will be handsomely finished in pine and hardwoods. The floor will be used in the public room. There will be steam heat. Special coin and safe deposit vaults will be installed. The exterior of the building will be faced with artificial stone. Plans are being prepared.

SCHOOL—1 story and base, brick, \$50,000. Fullerton, Orange Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. The building is designed in the shape of a letter T and will cover an area of 180x200 feet. Plans provide for twelve class rooms and an assembly hall. Interior will be finished in pine with some maple floors. There will be a central heating system. Exterior of the building will be faced with cement plaster. Bids are being taken on the general contract and for

the heating and plumbing. Bids will be opened on June 7th. Plans can be secured from the architects or from the Clerk of the School Board at Fullerton.

SANATORIUM—3 story and base, reinforced concrete, \$130,000. Pasadena, Los Angeles Co., Cal. Architect, Louis Bu P. Millar, St. Louis Bldg., L. A. Owner, Dr. Franklin Balzar, 11 South Euclid Ave., L. A. The building is to be erected near Pasadena, the main building being 240x140 feet with two wings each 40x70 feet. The ground floor will contain the administration department, tile and marble entrance lobby, library and parlors. The upper floors will contain physicians' quarters, laboratories, special treatment rooms and seventy rooms with forty baths. The top story will contain a dining room, kitchen, service rooms and a roof garden, and the two wings will contain baths and massage rooms, one for the use of men and the other for women. A heating plant and laundry will be provided in a separate building. Working drawings are being prepared.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, J. B. Nicholson, Wright and Callender Bldg., L. A. Owner, Henry Laub. The building will cover an area of 80x140 feet with an L 32x 100 feet. There will be a total of 120 guest rooms, nearly all of which will have connecting baths. Plans provide for steam heat, elevator service and a vacuum cleaning system. Hot water supply will also be installed. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are being prepared.

SCHOOL—1 story and base, brick and concrete, \$25,000. Huntington Park, Los Angeles Co., Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. This building has been mentioned here before when plans were first started. Working drawings have been completed and bids will be opened on June 7th. The building will contain six class rooms and an assembly hall seating 400 people. A central heating system will be installed. Interior will be finished in pine with some maple floors. Exterior of the structure will be faced with cement plaster. Plans can be secured from the architects.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, California Real Estate and Building Co., 631 So. Spring St., L. A. Owner, Edwin W. Pascol. The building will be erected on Wall street near 9th, and will be arranged with stores on the first floor and rooms above. A number of baths will be located on each of the upper floors. Interior finish will be of pine throughout. Plans provide for elevator service, metal lath partitions and steam heat. A hot water system will also be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

APARTMENT HOUSE—7 story and base, reinforced concrete, \$125,000. Long Beach, Los Angeles Co., Cal. Architect, Paul C. Pape, Union League Bldg., L. A. Owner, E. Tisnerat. Contractors, Dutro-Wren Construction Co., 10 American Ave., Long Beach, general construction. Contract price, \$125,000.

STORES AND LOFTS—9 story and base. Class A construction, \$275,000. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Metropolitan Fireproof Building Co. Contractors, F. O. Engstrom Co., 5th and Sinton Sts., L. A., general construction. Contract price, \$275,000.

STORES AND LOFTS—8 story and base. Class A construction, \$225,000. Los Angeles, Cal. Architect, none. Owners, Isaac Bros. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A., general construction. Contract price, \$225,000. Note: Subcontracts are now being let on all parts of the work.

LIBRARY—1 story and base. Class A construction, \$30,000. Los Angeles, Cal. Architects, Train & Williams, associated with F. M. Ashley, Exchange Bldg., L. A. Owners, City of Los Angeles. Contractor, C. Karseboom, 1415 Dana St., L. A. Contract price, \$29,417.

HOSPITAL—1 story and base, reinforced concrete, \$35,000. Fullerton, Orange Co., Cal. Architect, Charles E. Shattuck, Mason Bldg., L. A. Owners, Fullerton Hospital Association. Contractors Kling Company, Union League Bldg., L. A., general construction, \$24,000. W. P. McArthur, 731 West 3rd St., L. A., steam heat, \$7,000.

SCHOOL—1 story and base, frame, \$27,000. Venice, Los Angeles Co., Cal. Architects, Eager & Eager, Story Bldg., L. A. Owners, Venice School District. Contractors, Bay Wrecking and Improvement Co., 1500 Trolley Way, Venice, general construction, \$25,000. C. McNeil, Stimson Bldg., L. A., heating, \$2,300.

PORTLAND AND OREGON.

Contracts Awarded.

APARTMENT HOUSE—4 story and base, reinforced concrete. Cost not stated. Portland, Ore. Architect, J. S. Atkins, Henry Bldg., Portland. Owner, W. A. Buell. Contractors, Griffith & Boslar, Hamilton Bldg., Portland. Contract price not stated.

STORES AND OFFICES—3 story and base, brick. Cost not stated. La Grande, Ore. Architects, Whidden & Lewis, Lewis Bldg., Portland. Owner, C. S. Jacobsen. Contractor, A. E. Sykes, Hillsboro, Ore. Contract price not stated.

SEATTLE AND WASHINGTON.

HOSPITAL—2 story and base, brick and concrete. Cost not stated. Seattle, Wash. Architect, Daniel Huntington, Colman Bldg., Seattle. Owners, City of Seattle. The building is to be erected in Richmond Heights and will cover a ground area of 160x190 feet. The institution will be one of the most modern and completely equipped municipal institutions in the west. Plans and specifications are complete and bids will be called for in the near future. Nine alternate propositions are to be submitted to the bidders as follows: Interlocking tile walls, brick walls or concrete walls, slate, terra cotta, shingle or asbestos shingle roof. Plans can be secured from the architect.

RESIDENCE—2 story and base, brick, \$50,000. Seattle, Wash. Architect, Julian Everett, Walker Bldg., Seattle. Owner, Jules Redelsheimer. This dwelling has been out for figures before but all bids ran too high and were rejected. The house will contain in the



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neighborhood of sixteen rooms, five baths and a laundry. A garage will also be erected on the lot. Interior trim will be of pine and hardwoods. Hardwood floors will be used throughout. There will be steam heat and open fire places. Mantels will be of brick and tile. Tile will be used in all bath rooms. Exterior of the dwelling will be faced with veneered brick. Plans are now being figured.

RESIDENCE—2 story and base, frame, \$10,000. Seattle, Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owner, A. Hambach. This dwelling will contain eight rooms, bath and sleeping porch. Interior finish will be of pine and hardwood veneer with hardwood and tile floors used in the principal rooms and bath rooms. There will be furnace heat and open fire places. Mantels will be of brick. The exterior of the house will be covered with cement plaster on metal lath. Plans will be ready for figures about July 1st.

BANK—1 story and base, reinforced concrete. Cost not stated. Kalama, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Kalama Bank. The building will be designed in the classic style and will cover an area of 25x65 feet. There will be a large public space, private offices and work rooms. Interior partitions will be of hollow tile. Interior finish will be of pine and hardwood with ornamental plaster. Considerable ornamental iron will also be used. There will be a central heating system and coin and safe deposit vaults. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOTEL—10 story and base, reinforced concrete, \$200,000. Vancouver, B. C. Architect, Emil Guenther, Northwest Trust Bldg., Vancouver. Owner's name withheld. This building is to be erected on Hastings street and will be absolutely fireproof throughout. Upper floors will contain in the neighborhood of 300 guest rooms, nearly all of which will have connecting baths. There will be steam heat, elevator service, a vacuum cleaning system and all other modern conveniences. Interior trim will be of metal, hardwoods and marble. Entrance, lobby, offices and parlors will be elaborately finished. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for at once.

HOTEL—6 story and base, reinforced concrete, \$100,000. Vancouver, B. C. Architect, Emil Guenther, Northwest Trust Bldg., Vancouver. Owner's name withheld. The building has been de-

signed for a commercial hotel and will cover a large ground area. There will be a total of some 160 guest rooms. Besides the main lobby, offices and parlors. Plans include steam heat, elevator service, a vacuum cleaning system and hot water supply. Interior will be finished in pine and hardwood. The exterior of the building will be faced with tile and pressed brick. Plans are complete and figures will be called for shortly.

SCHOOL—2 story and base, brick, \$35,000. Camas, Wash. Architects, Fred A. Legg and George L. Kingsberry, Ainsworth Bldg., Portland. Owners, Camas School District. The building has been designed to contain twelve class rooms and an auditorium. The interior will be finished in pine with some maple floors. Plans provide for a central heating system and vacuum cleaning. The exterior of the building will be faced with cement plaster. Plans are complete and bids will be opened on June 2nd. Plans can be secured from the architects or from the Clerk of the Board of Education.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10932. Sulphuric acid plant.—An American consul has forwarded specifications and blue prints for a sulphuric acid plant complete required at a sewage disposal plant of a municipality in his district. Tenders are not to be submitted until instruction giving the date have been issued by the local municipal engineer. Copy of the complete instructions and blue prints can be obtained from the Bureau of Foreign and Domestic Commerce.

No. 10939. Automobile chassis.—A number of foreign dealers in motor cars, anticipating an increase in the customs tariff, desire to form prompt connections with manufacturers who are prepared to supply the chassis only. They propose to build the bodies and assemble the parts locally. Manufacturers of motor-car chassis, as well as of accessories, are requested to supply an American consular officer with about 1 dozen catalogues each, which will be turned over to the proper persons. In each case the prices f. o. b. New York, together with trade and cash discounts

E. H. Williams

Chalmer Munday

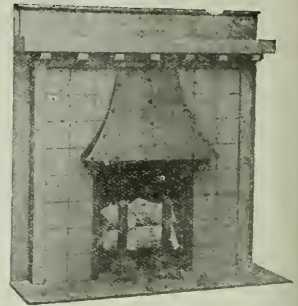
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to dealers, and approximate weights and measurements, should accompany catalogues.

No. 10857. Fire engines and other apparatus.—A report from an American consular officer in the Far East states that a local municipal council has decided to purchase five fire engines and other apparatus, the expenditure to be about \$34,000. It is proposed to have the new engines of a type suitable for handling by utilizing horses and a number of trained firemen. Catalogues and letters in English should be addressed to an official named in the report.



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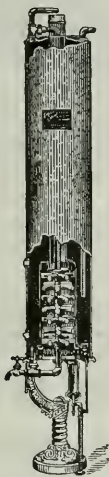
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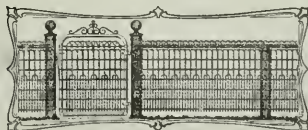
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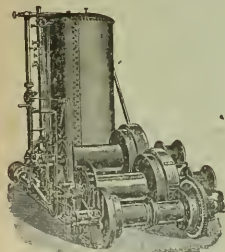
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Editorial Comment.

Economy and efficiency are correlative terms. Efficiency means economy of labor and maximum results from a given expenditure of time and labor. So that the ordinary use of the word economy as to the matter of saving money is in reality only the net result in a business way of what the word means. As to what the word really means Ruskin tells in *The Art of Economy*:

"All economy, whether of state, households, or individuals, may be defined to be the art of managing labor. * * * Now, we have warped the word "economy" in our English language into a meaning which it has no business whatever to bear. In our use of it, it constantly signifies merely sparing or saving; economy of money means saving money—economy of time, sparing time, and so on. But that is a wholly barbarous use of the word—barbarous in a double sense, for it is not English and it is bad Greek; barbarous in a treble sense, for it is not English, it is bad Greek, and it is worse sense.

Economy no more means saving money than it means spending money. It means the administration of a house; its stewardship; spending or saving, that is, whether money or time, or anything else, to the best possible advantage."

The strike of the gas and electric workers is beginning to be noticeable in the failure to light the streets of San Francisco at night time. For one to be out at night in a city the size of this and see the main thoroughfares dark as a country village certainly emphasizes the fact that the public is being imposed upon. For those who must be out after 9 or 10 o'clock the dark streets are certainly not pleasant things to walk home in.

And the public is the one who must suffer. The people are the ones who must pay the piper, the expense of the struggle must be borne by the public as well as all the inconveniences of the contest. When the struggle is over the gas and electric company will have to recoup its losses. The public will have to pay. And in this contest the public has nothing to say. Certainly with all the other laws that have been passed there ought to be some law compelling the belligerent parties to arbitrate their differences and some means provided whereby the public would receive some protection. There is no stronger argument for municipal ownership of public utilities than this same warfare which saddles onto the public such inconvenience and expense.

PERSONAL EFFORT AND EFFICIENCY ENGINEERING.

It is the part of the scientific man to discover the truths of nature. But as there is nothing absolute, all his observations are necessarily more or less vitiated by errors. It is not enough for him to reduce these errors to a minimum. He must assure himself that he knows their nature, the order of their magnitude, and their influence upon the conclusions and operations which he bases upon his observations. All these points have received due attention, and a fairly complete "theory of errors" thus developed forms part of the stock-in-trade of every worker in the exact sciences.

But scientific observation and manipulation is merely a refinement of common every-day practice, and errors of observation and of operation play an important role in our daily pursuits also. How much a man's earning capacity and even life depends upon the perfect working of his senses and limbs is often not realized by him until age, illness or accident has impaired it. Not only is there such a qualitative relation between a man's physical and mental well-being and his earning power, but accident and life insurance companies, as well as courts in deciding actions for personal injury, find themselves confronted with the problem of establishing some quantitative estimate, however crude, of the value of a man's organs, their influence upon his earning capacity or "efficiency."

It would be a poor policy that should take note only of the value of lost faculties. To the efficiency engineer more than to any other person we owe it that our attention has been drawn to what might be termed "false motions," i. e., errors of operations, and their influence upon the efficiency of the industrial worker under normal conditions. And not merely qualitative, but quantitative studies, made with watch and camera, have furnished us a truly scientific groundwork on which to base improved manufacturing methods, to secure greatly increased efficiency. It is sometimes falsely supposed that the additional output thus harvested is the result of increased pressure placed upon the worker. If instances of this kind have occurred, they are contrary to the purpose which the originators of the movement for increased efficiency had in view: the output is to be increased, not by increasing the pressure of work, but by decreasing the resistance, by eliminating waste in lost motion and misplaced energy. Such increase in the output must result on the whole in a gain to the entire community; perhaps not always in a gain evenly distributed among all members of a community, but nevertheless, in a gain to all.—Scientific American.

HOW TO BUILD WELL.

A Timely Article On Construction From The English View-Point.

Scientific building construction is based on mechanical laws, which, to insure the stability of structures raised by them, should be well understood by architects, although there are some of the advanced Aesthetic school who deny that architectural form has anything to do with construction. An unprejudiced observer will, however, admit that the growth of Mediaeval architecture from the Norman to Pedpendicular was really progress in advanced methods of building discovered as the works were carried on. The fact, however, remains that, although in the golden age of building the architect was chief workman, at present his function is to decorate a structure the framework of which has been put together for him by a quantity surveyor, or possibly an expert in steel-frame construction. Decoration now consists in the selection and combination of pretty bits from the works of architects long since deceased. These bits were originally construction decorated; but in taking them from their surroundings they are no longer constructive elements in any sense of the word.

To take the simplest case, in the Parthenon and such buildings columns and entablatures were structural necessities—there would be no building without them; but now such columns and entablatures are copied and stuck up against walls because they look pretty, and as they have no structural function whatever to perform, they are useless and expensive excrescences which the building would be better without. Columns and entablatures were something to the ancient Greeks; but now they have ceased to be constructive elements, they should be eschewed, and home attempt made to create an architecture which shall be really an art, and not a fashion. It is positively grotesque to see men in this 20th century turning over the remains of Vitruvius, Palladio, and others with a view to the selection and combination of such portions of their works as they may consider aesthetic. These supreme efforts at manufacturing shams are successful for a time—the public is so woefully ignorant of all that pertains to architecture; but after a momentary success these swindles are consigned to everlasting contempt. To build well, it is therefore necessary that the architect should honestly acknowledge the structural requirements of the elements with which he has to deal, and endeavor to satisfy them, carefully eschewing columns, cornices, pediments, and all such second-hand properties gathered from the exuviae of buildings in other latitudes and of other times.

The first problem that confronts the man who would build is, Of what shall the walls be—stone or brick? This must be solved by considering what materials are found in that locality, and deciding whether they shall be used, or others of a more suitable, and perhaps cheaper, kind be imported. In older times houses were built with local materials, for there were no others

to be obtained at a reasonable rate. Hence, in a stone country stone was used, in a clay country brick, and in a wooded district oak; and these materials necessitated modes of construction and architectural forms peculiar to themselves; but now that steamers and railways have annihilated distance, we are privileged to see oolite cottages in sandstone countries, "rag" cottages on clay, and oak-framed structures where oak is not grown.

If stone is used some knowledge of its properties is necessary. It may be quarried in an igneous, or aqueous formation, the first being fire-formed, and the last sedimentary deposit in water. As this is not a geological treatise, it must suffice to refer briefly to the stones generally used in building. The fire-formed rocks are granite and basalt, sometimes called whinstone; and the water-formed sandstones and limestones.

What is a sure guide to the value of a building stone? An inspection of some building in which the stone has been exposed for centuries is the only infallible guide to its weathering properties, and all expert reports, diagnosis, analysis, and what not must be set aside for the knowledge gained in this way. This becomes obvious when it is known that the chemical analysis of chalk and carboniferous limestones are exactly alike. Yet chalk will burst to pieces if exposed to one winter's frost, while carboniferous limestone will show tool marks after the lapse of 600 and 700 years as fresh as the day they were worked. If a stone is impermeable by water, it is clear that it is a good weather stone; but if it adsorbs any, its durability cannot be inferred from its properties in this respect, as compared with other stones, which are more or less absorbent. The capacity of stones for absorbing water may be judged from the fact that one limestone will take up no water after twenty-four hours' immersion, when another, from a different formation, will absorb no less than eleven pints to the cubic foot, both stones being "bone dry" when tested in the first instance. The weathering properties of a stone are not, however, everything; its suitability for any building in the matter of sound construction and cost in working also press for consideration. Some quarries show a face as if built up with regular courses for a few inches to nearly a foot thick. These are ideal stones for building, as they can be quarried and laid in walls with a minimum of labor, and the bond secured with little trouble. Where the cost of working a stone is excessive, brick quoins and dressings are frequently used with rubble-wallings; but this never looks well, for brick is softer than stone, and the dressings should convey the idea of being of a harder material than the walling, the angles of which they are meant to protect. Cut stone quoins, and door and window jambs of the same material, with brick walling always look well. A cavity, or a coat of cement on the outside, will make the inside of a wall

proof against rain; but nothing will stop the deposit of moisture on the inside of a wall if it is faced with non-porous material. Hence, when a wall is of stone outside, it should be faced with absorbent brick inside, or an "unaccountable" dampness, or "sweating" of the wall will be the result. Dampness rising from the foundation is, of course, best dealt with by using natural asphalt; and if the building is a mansion, the whole space inside the walls should be covered with asphalt too, for cement concrete is not damp-proof. Should it be decided to build perfect bonding, and they must be "facings" and "backings"; both should be of the same thickness, to insure perfect bonding, and they must be well shaped, hard, and well burned. Bats, except as closers, should be avoided. The practice of grouting brick walls at every fourth course should be avoided, for it encourages careless bricklaying; it is evident that if the courses are well flushed with mortar, as they should be, there will be no room for grout.

Keeping the courses level, the faces plumb, and the angles properly aligned with the correct closers, are all prime necessities to good brickwork. Some bricks are so sandy that they will not keep out rain; others so clayey that they cannot stand frost. The first must be cemented, or weather-slatted, and there is no help for the latter but to cut them out and replace them with others. The goodness of a brick is tested by striking it sharply against another. If it gives a clear metallic ring, it is sound and well burned; if it does not it should be rejected. Bricks are generally dry when tested in this way; but if they are tested after being soaked for twelve hours in water, unsuspected weaknesses may be discovered in them, and this applies especially to moulded and ornamental bricks. An important question in the building of walls still remains to be settled—namely, the kind of lime that shall be used for making mortar. That the sand shall be sharp and clean goes without saying; but that, for brickwork, it shall pass through a 30 and be caught in a 40 sieve is not so well known. For stonework coarser sands may be used.

Sand may be pure silica, pure limestone, or mixtures of either with other substances. In a mill, continued grinding wears the angles of the grains down, so that the sharpness specified for by the architect is frequently ground away during the process of mortar making. The lime used may be pure or clayey. The former is made from chalk and the pure limestones; the latter from limestones containing up to 25 per cent of clay. The behavior of these limes when treated with water is very different. The pure lime swells up at once, gets intensely hot, and falls to a white powder rapidly; it also increases in bulk to nearly twice that of the unslacked lime. Its color is always pure white. A heap of pure lime-mortar may be left for months without change through its mass, a skin only of carbonate forming

on the outside. The next point to be considered is, Shall concrete be used on the foundations or not? If the bottom is stiff clay, gravel, or sand that will not shift, the wall whether of brick or stone, may be carried up directly from it, provided there is not within three feet of the surface—a depth necessary to place it below the reach of meteorological influences. It is usual to put footings to a wall, and the lowest course of these is generally vice the width of the wall at the ground level, the object of this being spread the weight of the superstructure over a larger area, and reduce the pressure on each square foot of the foundation by one-half. In some cases a good foundation can only be obtained by going down; in others, widening of comparatively shallow foundations will be a better plan. The builders in any locality are generally liable guides as to the safety of the ground on which it is intended to build. Building on made ground, or virgin soil and made ground, is dangerous. In this case the foundations should be entrusted to men of experience in such work, and all theoretical opinions carefully eschewed, for a slight lapse in this case may lead to ruin.

When there is a hard bottom to build on, concrete is not necessary, and need not be used unless it proves to be a cheaper material than brick or stonework to fill the trenches. Formerly it was common to build wood and timbers into walls; but if the walls are damp, these timbers will rot in a few years. Hoop-iron bond is also used, and in a damp wall it will soon rust, while in a dry wall it will be found round and bright even after fifty years. This bond ties the walls longitudinally; but if several rows are put on the same course they damage the wall in this way—if it falls over, it backs up into sections along the lines of the hoop-iron bond, but it is no part of the duty of a wall to fall over in this way, the bond, after all, does the wall no harm. Hoop-iron is specially valuable for tying cross partitions to a main wall. The "wastes" from a house consist of the discharge from water closets, bath, lavatory, housemaid's sinks, and scullery sinks, and the object of the builder should be to get rid of these wastes, or any gases arising from them as soon as possible. The proper way to fix earthenware drains, lead or other pipes, to effect this object has been treated so exhaustively by writers who understood the subject, as well as by those who did not, it is worn threadbare, and a reference to it is even a greater nuisance than the sewage itself. A amateur builders of all kinds, sanitary engineers with various qualifications, and some doctors with none, have done their best, and with success, to harrow the feelings of the public, create a scare, and make life miserable about the disposal of matter declared to be a "deadly poison" though a few minutes before it, and its "gases," were carried about in the human body for hours, if not days, without ill-effects. Clearing this subject of cant and humbug, it is obvious that as no one ever comes in contact with the solids or liquids of sewage, the only way they can effect mischief is through the lungs, and as women spend hours, and sometimes days in sewers without experiencing any ill-effects, breathing sewer-gases

cannot, after all, be so dangerous to health as many are led to believe. Men have been suffocated in sewers through want of oxygen; but when there was enough of it to maintain a candle lighting, the sewer-gas so diluted might be breathed with impunity.

A private house is not a public sewer, and it would be impossible to conceive of a water closet or bathroom with an atmosphere so completely exhausted of its oxygen as to be dangerous. Unpleasant smells are not necessarily poisonous. There is no mystery about them, or about the gases which give rise to them; they are all well known to chemists, and they may be breathed with impunity when diluted with oxygen. There are two very important points in house drainage which are usually overlooked in hunting after gases—namely, the necessity for a periodical cleaning of the insides of soil and waste pipes, the scraping of fireclay drains, and their automatic flushing at least once every twelve hours. If soil pipes, waste pipes, and drains are kept clean inside, and they are efficiently disconnected from any main sewer, it is obvious that, with traps or without them, no sewage gases can ever get into the house.

BUILDING MORE FIREPROOF HOMES.

By P. D. Van Vliet in Keith's Magazine.

Is it not true that the fireproof house receives greater consideration on the part of architects and owners? It so happens that a fireproof house is also one practically free from deterioration. There are no rotting timbers, and coal bills are generally lower than with cheap, inflammable construction.

But it is generally thought that fireproofing entails great expense, that any of the accepted safe materials are beyond the purse of the average home builder. That this is not the case is being proven by numberless examples of fireproof construction now under way, after designs of architects who understand how to keep costs down.

At the Chicago cement show held last January, one of the most interesting exhibits was that showing a typical suburban home in full size and built entirely of fireproof materials. It was a true concrete house, concrete hollow tile having been used for wall and floor material, and a stucco coat having been applied for the finished surface.

It is commonly believed that a coating of stucco on a good frame renders a house fireproof. This is not the case. The thin protecting shell is no protection from fire within and its life is limited. But true fireproof construction with approved materials gives perfect security. Stucco on such a foundation is ideal.

As a matter of fact the house at the cement show was necessarily built only in part. The depth of the booth being 14 feet, the porch, porch roof and the front wall of the house, including a bay with casement windows off the living room, a casement window off the hall and the entrance were all that could be actually constructed. The balance was theatrical scene painters and gave in perspective, not only the house, but a typical suburban setting.

The roof of the house is an important

feature that is seldom given sufficient consideration. Where houses are built close together the danger of fire being communicated from house to house is great where wood shingles are used. There is perhaps nothing cheaper nor better than the wood shingle, if we disregard entirely the danger from fire, and yet this danger is so real today with our crowded city conditions that the makers of fireproof shingles, of cement-asbestos or tiles of clay or cement, are finding a ready market.

In order to carry out in every detail the purpose of the house a fireproof roof of asbestos shingles was used, and while its cost was found to be practically double that of wood shingles, yet this additional cost must be reckoned as a pure investment, there being no depreciation and the greater safety bringing a real reduction in the annual fire insurance costs.

The home owner should look well to the materials specified by his architect and used by his contractor when building his house. He should be sure that the walls are well insulated and preferably that they have a double air space, for this means a considerable saving in coal and a more comfortable house through a hot summer.

DEVELOPMENT IN CEMENT MANUFACTURE—WHITE CEMENT.

By E. B. Scott.

It is difficult to realize how large a place cement occupies today in all our ideas of construction and how rapid this development has been. So accustomed have we become to concrete construction that we no longer look for it to represent something else, but accept it for itself. Everyone now realizes how horrible are the cement blocks shaped in imitation of ashlar-cut stone or concrete walls marked off into rectangles to represent granite block construction.

While concrete has thus made its own place among materials of construction, and no longer needs to be used as an imitation of something else in one regard it leaves something to be desired from an artistic standpoint, and that is the matter of color.

The natural color of concrete in spite of the fact that we have become accustomed to it, is not pleasing. Its tone is decidedly cold and harsh. In various ways architects have sought to get around this difficulty and a variety of paints and washes have been resorted to. It is not easy, however, to secure any degree of durability in this way, so the attention of chemists and cement manufacturers has been turned more and more to the problem of making a cement free from this defect, or as far as possible clear white.

As a matter of analysis all the elements that compose a standard Portland cement can be obtained in a perfectly white state and there is no reason why a Portland gray cement should not be made from them. In practice this move has been somewhat difficult and costly owing to the care required in the selection and treatment of the component materials, which had to be assembled from widely separated regions. Several foreign and eastern companies succeeded in solving the problem, however, and when their products were put on the market they were

welcomed, for they made possible splendid decorative work in concrete which before had not been attempted.

The cost of making white cement was of course considerably higher than that of ordinary gray cement, but its advantages were so manifest for a number of uses that it soon had a large market throughout the Eastern States. Among its important applications were the facing of concrete buildings, mortar of laying face bricks and tile, interior decoration, bathrooms terrazzo work and so forth, as well as for pergolas, statuary, and ornamental work generally.

The use of white cement on the Pacific Coast has been very limited. The Eastern price was reasonable enough, but when over \$2.00 per barrel was added for freight charges, white cement became too much of a luxury for everyday use. Meanwhile, however, a careful reconnaissance was made throughout California in search of materials out of which to make white cement, and this painstaking search was crowned with success. So now it appears that we have right here on the Coast the necessary ingredients to make a cement that stands all the tests of a standard Portland cement and is as white and stainless as any the Eastern brands. This result has been brought about by the Santa Cruz Portland Cement Co. at their Davenport mill, and great credit is due them for their enterprise in accomplishing it, as it will have an important bearing on the Pacific Coast architecture.—The Architect and Builder.

INCREASE IN SAND-LIME BRICK.

Manufacture of Nearly 175,000,000 Bricks Reported by United States Geological Survey.

Nineteen twelve was a good year for the sand-lime brick industry.

The value of the output of sand-lime brick in the United States last year, according to figures compiled by the United States Geological Survey, was \$1,170,884, compared with \$897,664 in 1911, an increase of \$273,220. The 1912 production was slightly greater than

that of 1910, which was valued at \$1,169,163, and only 4.48 per cent less than that of 1907, the banner year in the industry.

The total number of this comparatively new kind of brick manufactured in 1912 was 174,361,000, of which 164,140,000 were common brick and 10,221,000 front brick. Michigan continued in 1912 to be the leading State in value of output, its product constituting 24.54 per cent of the total value of all sand-lime products in 1912. New York was second in value of product, as in 1911, reporting 16.99 per cent of the total. Florida was third, displacing Minnesota, which fell to fourth place. Eight States—California, Florida, Idaho, Indiana, Michigan, Minnesota, New York and Wisconsin—showed an increase in 1912, and three—New Jersey, Pennsylvania and South Dakota—showed a decrease. Michigan showed the largest increase, \$77,392; Florida the second and New York the third. In 1911 only two States—New York and Wisconsin showed an increase.

The average price per thousand for common sand-lime brick was \$6.45 in 1912, compared with \$6.09 in 1911 and \$6.36 in 1910; for front brick it was \$10.41 in 1912, against \$9.53 in 1911 and \$10.90 in 1910.

Outlook for Industry Considered Bright.

The sand-lime brick industry has been established in the United States only a little over 10 years and during that time has passed through many vicissitudes. Many plants have been erected where market conditions were not propitious and others where suitable materials were not available; others, although conditions and materials were satisfactory, failed for want of technical skill or because of poor management. During 1912 some of the abandoned plants were taken over by skilled men, were remodeled in accordance with the latest developments, and are now being operated successfully. The prospects for 1913 are considered bright, the future of the industry seems established, and a steady growth may be expected.

A copy of the Survey's report on Sand-lime Brick may be obtained free on application to the Director of the Geological Survey at Washington, D. C.

ing has been mentioned in these columns before when plans were first started. Working drawings have been completed and placed in the hands of the owner who has started excavating under the Day Labor system. The building has been arranged for six suites of four rooms and bath each. All apartments will have connecting baths and will be equipped with wall beds. Interiors will be finished in pine. The exterior of the building will be covered with cement plaster on metal lath and klinker brick veneer.

SAN FRANCISCO—Apartment house, 4 story and base, brick and steel. Cost not stated. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, M. S. Show. Preliminary sketches have been prepared for this building, which is to be erected on property recently purchased by Mr. Show on Bush street west of Hyde. The lot has a frontage of 68 feet 9 inches and a depth of 137½ feet. Plans provide for a total of about 100 guest rooms arranged in two and three room suites. All suites will have private bath rooms and wall beds. Interior finish will be of pine, elm panels and hardwood or tile floors. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a vacuum cleaning system. Hot and cold water plant will be installed. Exterior of the building will be faced with pressed brick. It will be completed at once.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, Rege Bros. The building will be erected on Filbert street 179 feet east of Gough and has been arranged to contain six apartments of four rooms and bath each. Interiors will be finished with some hardwood floors and elm panels. There will be open fire place and tile mantel in each suite. Bath rooms will be finished in cement plaster. Some wall beds will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and a contract will be let within a few days.

OAKLAND, CAL.—Apartment house, 2 story and base, frame, \$18,000. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owner, Mrs. Remillard. The building will be erected on 22nd street between Grove and Telegraph and has been arranged to contain 18 suites of two rooms and bath each. Interior finish will be of pine, elm panels and hardwood floors. All suites will be equipped with wall beds. Bath rooms will have tile wainscot. Plans provide for steam heat and a hot water supply. The exterior of the building will be faced with veneer pressed brick. Sub-bids are now being taken by Alfred Legault who can be found at this site.

BERKELEY, ALAMEDA CO., CAL.—Apartment house, 4 story and base frame. Cost not stated. Architect John Galen Howard, 602 Mission St., S. F. Owner's name withheld. This building will be erected at the corner of Euclid and Hearst avenues, and when completed will be one of the most modern and up-to-date apartment houses in Berkeley. Interior has been arranged for suites ranging from two to eight rooms and baths. Hardwood and pine will be used in interior finish with hardwood floors in the principal rooms. There will be steam heat, elevator service and a vacuum cleaning system. Wall beds are specified. Bath

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$23,000. Architect, none. Owners, Kern-McKillop Bros, 331 Pine St., S. F. The building is to be erected on the property on Taylor street adjoining another similar structure now under construction and owned by the same parties. This building will have a frontage of 30 feet and a depth of 165 feet. Plans provide for 15 suites of two and three rooms each with private baths. All suites will have wall beds. There will be steam heat, vacuum cleaning system and an automatic elevator. Interior finish will be of pine with hardwood floors and some elm panels. Bath rooms will be finished in cement plaster. Exterior of the building will be faced with red brick veneer. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$12,000. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Herman Hogrefe, 1960 Hyde St., S. F. The building will be erected on Taylor street north of Sutter, and has been designed to contain seven apartment flats. Interior finish will be of pine with elm panels and hardwood floors. A central heating system will be installed. Bath rooms will have cement floors and tile wainscot. All suites will have private bath rooms and will be equipped with wall beds. Exterior of the structure will be covered with white cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$10,500. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, John Fletcher. The build-

rooms will be finished in tile and cement plaster. The exterior of the building will be covered with cement plaster. Plans are being prepared.

OAKLAND, CAL.—Apartment house alterations, 2 story and base, frame, \$4,000. Architect, C. H. Miller, Foxcroft Bldg., S. F. Owner, P. N. Tritt. The work will consist of remodeling the present two-story frame residence into two and three room apartments with private baths. There will be new interior trim, new electric work, plumbing, painting and plastering. Exterior of the building will also be somewhat altered and will be covered with rustic and shiplap. Plans are being prepared.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick. Cost not stated. Architects, Kay & Skidmore, Broadway Central Bldg., L. A. Owner's name withheld. The building will cover an area of 50x137 feet, and has been arranged for 30 suites of two rooms and bath each. All apartments will be equipped with wall beds. Interior finish will be of pine with elm panels. Some hardwood floors will be used. There will be steam heat and an automatic elevator. Exterior of the building will be faced with pressed brick. Bath rooms will have cement floors and tile wainscot. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, Dr. E. C. Manning. The building will be erected on an inside lot with a street frontage of 50 feet and a depth of 145 feet. There will be a total of 75 rooms arranged in two and three room suites with private baths. All suites will have wall beds. Interior finish will be of pine and hardwood. Bath rooms will be finished in cement plaster. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick trimmed with artificial stone. Plans are now being prepared for this work.

BANKS.

BURBANK, LOS ANGELES CO., CAL. Bank, 1 story and base, brick. Cost not stated. Architects, Krempel & Birkes, Henne Bldg., L. A. Owners, Farmers' and Merchants' National Bank of Burbank. The building will cover an area of 26x60 feet and will be occupied by the bank only. The plans include safe deposit and coin vaults which will be let in a separate contract. Construction will be fireproof. Interior will be arranged for large public space, working space and directors' rooms. There will be hardwood and marble trim and ornamental plaster. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

BRIDGES, DAMS AND HARBOR WORK.

SEATTLE, WASH.—Harbor work. Cost not stated. Engineers, Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. The Seattle Port Commission, Central Bldg., at its regular meeting awarded contracts as follows for Port development

work, all previously described in these columns:

Harrington, Peters Co., Oriental Bldg., on their bid of \$97,200, were awarded the contract for the construction of warehouses, etc., at the East Waterway improvement, and on their bid of \$18,507.25 for net warehouse, etc., at Salmon Bay.

Hans Pederson, Madison Bldg., on his bid of \$242,944 was awarded the contract for the substructures on the Smith's Cove improvement.

The Puget Sound Bridge & Dredging Co., Central Bldg., on its bid of \$252,308.50 was awarded the contract for excavation and dredging the Smith's Cove improvement.

The Seattle Frog & Switch Co., Lowman Bldg., on its bids of \$22,168.10 and \$6,792.40 was awarded the contracts for rails and appurtenances on the Smith's Cove and Central Waterfront improvements respectively.

Total of above, \$639,920.25.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouse and factory, 3 story and base, brick and steel, \$50,000. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Workman Packing Co. This building will be erected on Harrison street between 4th and 5th streets, and will cover an area of 50x100 feet. The first floor is to be arranged for the offices of the company and shipping department. Upper floors will contain the storerooms and factory of the meat packers. Third floor is to be wainscoted with tile. A complete refrigerating plant will be installed. Construction will be of the mill type. Metal window frames and sash are specified. There will be a large freight elevator. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will shortly be called.

SAN FERNANDO, LOS ANGELES CO., CAL.—Ice plant, 2 story and base, reinforced concrete. Cost not stated. Architect, none. Owners, Pacific Fruit Express Co., Pacific Electric Bldg., L. A. The plant proper will cover an area of 62x140 feet with a storage wing, one story high 45x100 feet. Construction will be fireproof throughout. Floors and roof will be of reinforced concrete. A large amount of special machinery will be installed, which is to be let under a separate contract. The plans call for fireproof doors and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken by the owners.

Contracts Awarded.

VANCOUVER, B. C.—Factory, 6 story and base, reinforced concrete. Cost not stated. Architect, H. S. Griffith, Dominion Trust Bldg., Vancouver. Owners, National Drug and Chemical Co. Contractors George Snider & Brethour, 207 Hastings, West Vancouver. Contract price not stated.

FLATS.

SAN FRANCISCO—Flats, 3 story and base, frame, \$4,000. Architect, none. Owner, H. Sholten, 1522 Santa Clara Ave., Alameda. The building has been arranged for three small flats and will be erected on 14th street south of Polson. Interior finish will be of pine throughout. There will be gas grates

and tile mantels. Each flat will have a bath with tile wainscoting. Thirty-gallon boilers will be installed. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who is now purchasing all materials. Work will be done by Day Labor.

SAN FRANCISCO—Flats, 2, 2 story and base, frame, \$5,000 each. Architect none. Owner, C. A. Kushton, 714 9th Ave., S. F. These buildings will be erected on 9th avenue south of C street. Each will have a frontage of 25 feet and a depth of 60 feet. Interiors will be arranged for two modern five and six room flats with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exterior of the buildings will be covered with brick veneer and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

SAN FRANCISCO—Flats, 2 story and base, frame, \$6,500. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, N. J. Baglietto. The building will be erected on Greenwich street west of Larkin, and has been designed to contain two residential flats, one of five rooms and the other of six rooms. Interior will be finished in pine with hardwood floors in the principal rooms. There will be large open fire places with brick mantels. Bath rooms will have tile wainscot and tile will also be used in the kitchen. Exterior of the building will be covered with cement plaster on metal lath. A contract is to be awarded within a few days.

GARAGES.

OAKLAND, CAL.—Garage, 1 story, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. L. Locke. The garage will be erected on Wadsworth and Bayou Vista streets. The plans provide for an automatic turntable. A cement floor will be used. Interior finish will be of pine. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architect, A. W. Angel, 3555 Princeton St., L. A. Owner, E. T. Riley. The building has been designed for a commercial garage and will contain office in the front portion of the building, repair and storage space in the rear. There will be a cement floor, metal window sash and frames and special storage tanks. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

Prospective Bidders.

The following firms have received plans and specifications from the Supervising Architect's office for work to be performed at Honolulu. Bids will be opened on June 20th:

King Lumber Co., Charlottesville, Va.
Wm. H. Maxwell, Auburn, Ind.

P. J. Carlin Construction Co., 1 Madison avenue, New York city.
J. E. and A. L. Pennock, Land Title Building, Philadelphia, Pa.
Grant Fee, San Francisco, Cal.

Tullalip Indian School.

All bids received on April 7 for constructing an addition to the frame house and the extension of water system at the Tullalip Indian School, Wash., have been rejected and supplemental bids will be asked from the original bidders.

Canal Requisitions.

Requisitions have been received at the office of the 15thman Canal Commission calling for the furnishing of the following supplies and material:

300,000 ft. B. M. 2x12 in 16 to 24 ft S. I. E. long leaf yellow pine or Douglas fir.

40,000 cross ties, No. 1, to be of cypress, redwood, Douglas fir, or long leaf yellow pine.

\$2,000 sq ft paving brick or paving blocks.

3,400 lin ft special brick or block.

Pearl Harbor, Coal Towers.

The contract for constructing coal towers at the U. S. naval station, Pearl Harbor, H. T., bids for which were opened on May 3, has been awarded to C. W. Hunt Co., New York city, at \$70,500.

Metal Weather Strips.

Bids for metal weather strips were opened by the quartermaster at Fort D. A. Russell, Wyo., as follows:

A. De Armon, Cheyenne, Wyo., "Chamberlain," corrugated, \$1,987.50; do, plain, \$1,820; "Columbia," \$1,456.32.

John B. Harker, Minneapolis, Minn., "National," single, \$2,134.55; do, double, \$2,332.65.

McKee Green Mfg. Co., St. Louis, Mo., \$1,850.

Denver Metal Weather Strip Co., Denver, Colo., \$1,092.13.

J. F. Bills, Laramie, Wyo., plain, \$1,756.31; cloth lined, \$2,334.72.

Marine Barracks, Mare Island, Cal.

The following bids were received by the assistant quartermaster, U. S. Marine Corps headquarters, Washington, D. C., for furnishing 5 steel cells, 1 door and 4 window grills at the marine barracks, navy yard, Mare Island, Cal.:
Pauly Jail Building Co., St. Louis, Mo., \$2,070.

Champion Iron Co., Kenton, Ohio, \$1,750; 100 days.

Mesker Bros. Iron Co., St. Louis, Mo., \$1,898; 60 days.

Stewart Iron Co., Cincinnati, Ohio, \$1,758; 120 days.

Van Dorn Iron Works, Cleveland, Ohio, \$1,356; 90 days.

Fence, Fort Baker, Cal.

Bids for 8,000 feet woven wire fence were received by R. W. Finger, Lieut. C. A. C., Q. M., Fort Baker, Cal., as follows:

Max Gels Construction Co., 163 Sutter street, San Francisco, Cal., regular, \$1,550; alternate A, \$1,475; B, \$1,675.

The Standard Fence Co., 310 12th street, Oakland, Cal., regular, 24c foot; A, 22c; B, 26c; C, 24c.

Francis Skoze, 110 Jessie street, San Francisco, Cal., regular, \$1,915; A, \$1,875; B, \$2,115; C, \$2,045.

Pacific Fence Construction Co., 423

Market street, San Francisco, Cal., regular, \$1,898; A, \$1,654; B, \$2,127; C, \$1,882.

J. Pringle, 338 Pine street, San Francisco, Cal., regular, \$1,950; A, \$1,680; B, \$2,290; C, \$1,860.

James Stanley, Sansalito, Cal., regular, \$3.30 rod; A, \$3.02; B, \$3.12; C, \$3.07.
Ed. Stahl, Sausalito, Cal., regular, \$1,885; A, \$1,720.

HALLS AND SOCIETY BUILDINGS.

RIVERSIDE, RIVERSIDE CO., CAL.

Lodge hall, 3 story and base, reinforced concrete, \$80,000. Architect, George D. Barnett, Wright and Callender Bldg., L. A. Owners, Riverside Elks' Hall Association. This building will be erected at the corner of Market and Whittier streets and will cover a large area. The first floor will be arranged for the lobby, parlors, offices and a library. An auditorium seating 500 people will occupy the second floor and third floor will be arranged for apartments. Interior finish will be of pine, hardwoods and marble and tile. There will be elevator service, steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

BREMERTON, WASH.—Lodge hall, 3 story and base, reinforced concrete, \$25,000. Architect's name not given. Owners, Bremerton Eagles' Hall Association. This work has been mentioned here before when the architect was first commissioned to prepare the plans. Working drawings have been turned over to Edward S. Walker, chairman of the Building Committee, and he is now taking figures for the construction. The building will be arranged for stores on the first floor and lodge rooms, offices and sleeping apartments on the second and third floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwoods. Marble and tile will be used extensively. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans can be secured from the chairman of the Building Committee. Bids will be opened about the middle of June.

HOSPITALS.

PRESIDIO OF SAN FRANCISCO—Power plant equipment. Cost not stated. Architects, Constructing Quartermaster Dept., Fort Mason. Owners, United States Government. Plans for the furnishing and installation of additional power plant equipment at the Letterman General Hospital at the Presidio have been completed. Bids are now being taken for this work and will be opened on June 12th. Plans can be secured from the Constructing Quartermaster's office at Fort Mason. The official proposal appears in another column of this issue.

Contracts Awarded.

OXNARD, VENTURA CO., CAL.—Hospital, 2 story and base, brick and steel, \$35,000. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. Contractor, Thomas Carroll, Oxnard. Contr. price, \$35,000.

HOTELS.

SAN FRANCISCO—Hotel, 12 stor and base. Class A construction, \$110,000. Architect, Charles J. Rousseau Phelan Bldg., S. F. Owner's name withheld. This building will be erected on Geary street near Jones. The lot has a large street frontage and considerable depth. Plans will provide for total of 132 guest rooms and 77 bath. Interior will be finished in pine and hardwoods with ornamental plaster in the lobby and office. There will be a complete steel frame and exterior walls faced with glazed terra cotta and pressed brick. Steam heat, elevator service and a vacuum cleaning system will complete the mechanical equipment. All window frames and sash will be of metal. Plans are being prepared and construction will be started as soon as arrangements pending with the tenant can be settled.

SAN FRANCISCO—Hotel, 3 stor and base, frame, \$22,000. Architect, August Nordin, Mills Bldg., S. F. Owner, B. Josephine O'Neil. The building is to be erected on Harrison street near Third. The first floor will be arranged for stores and upper floors for a number of modern hotel rooms. There will be a hot water system. Interior finish will be of pine throughout. Exterior of the building will be covered with rustic and cement plaster of etal lath. Bids have been taken of the work and are now under advisement in the office of the architect. Contract will be let in a few days.

LOS ANGELES, CAL.—Hotel, 5 stor and base. Class A construction. Cost not stated. Architect, E. J. Borgmeyer, Stimson Bldg., L. A. Owner, F. Rabin. The building will be erected on Coronado street and will cover a area of 75x120 feet. Plans provide for a total of 150 guest rooms and 70 bath. Interior will be finished in pine and hardwoods with ornamental plaster, marble and tile used in the lobby. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Metal window frames and sash are specified. Exterior of the building will be faced with glazed brick and terra cotta. Interior partitions will be of hollow tile. Plans are being prepared.

LOS ANGELES, CAL.—Hotel, 5 stor and base. Class A construction. Cost not stated. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Monarch Investment Co. The building will occupy a corner site covering an area of 272x195 feet, and will be built around a court 140x150 feet. There will be a total of 200 guest rooms and 150 bath. Construction will be fireproof throughout, with hollow tile partitions and concrete floors. Interior will be finished in pine and hardwood. Bath will have cement floors and tile wainscot. Plans provide for both freight and passenger elevators, steam heat, vacuum cleaning and a hot water plant. Metal window sash and frame are to be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 3 stor and base, brick. Cost not stated. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Mrs. Mathilde McLaughlin. This building will be erected at the corner of Union and Pico streets and

will cover an area of 100x125 feet. Preliminary plans for a building containing stores on the first floor and modern hotel rooms above have been prepared. The proposed building will have about 125 guest rooms and three stores. A lease is now pending between the owner and a lessee. Interior finish will be of pine throughout. Plans provide for steam heat and elevator service. Exterior will be faced with pressed brick. If a lease is signed construction will be started at once.

Contracts Awarded.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel, \$45,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichl. Contractors, Almeter, Hall & Almeter, Ferguson Bldg., L. A. Contract price, \$45,000.

LOS ANGELES CAL.—Hotel and theatre, 3 story and base, brick, \$70,000. Architect, John P. Blee, Union League Bldg., L. A. Owners, Emil Olcovich, Carl Stern, Ben Meyer and associates. Contractors, Barker-Bradley Construction Co., 1824 East 15th St., L. A. Contract price, \$70,000.

LIBRARIES.

Contracts Awarded.

LOS ANGELES, CAL.—Library, 1 story and base. Class A construction, \$30,000. Architects, Train & Williams associated with F. M. Ashley, Exchange Bldg., L. A. Owners, City of Los Angeles. Contractor, C. Karseboom, 1445 Dana St., L. A. Contract price, \$29,417.

PANAMA -- PACIFIC EXPOSITION WORK.

SAN FRANCISCO — Structural steel work on auditorium. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids for furnishing, fabricating and erecting the structural steel and cast iron work of the Exposition Auditorium were received Thursday morning by the Committee on Buildings and Grounds. The Exposition Company set aside a million dollars for the structure, and it is to be located on the lot formerly occupied by the old Mechanics' Pavilion and for which the City and County of San Francisco paid \$701,437. The Bids received were as follows: J. G. Williams Construction Co., on proposal C, receiving f. o. b. San Francisco, unloading, storing, hauling and erecting the steel and cast iron, \$53,500. Smith-Rice Co., proposal C, for receiving, unloading, storing and erecting, etc., \$59,500. United States Steel Products Co., proposal A for furnishing, fabricating and delivering f. o. b. San Francisco, \$217,238; for furnishing, fabricating and delivering Eastern terminal, \$164,835. California Construction Co., proposal A for furnishing, erecting, riveting all steel and cast iron, \$314,069; proposal B, for furnishing, fabricating and delivering, San Francisco, \$257,940; for furnishing, fabricating and delivering Eastern terminal, \$204,940; proposal C, for receiving, f. o. b. San Francisco, unloading, storing, hauling and erecting the steel and cast iron, \$59,120. Blume Construction Co., for receiving f. o. b. San Francisco, unloading, storing, hauling and erecting, \$39,000.

SAN FRANCISCO — Building, frame construction. Cost not stated. Architect, Director of Works,

Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. The Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. opened bids on Tuesday, May 27th, for the construction of the Transportation Building and for the plumbing on the same. Bids on the general construction were taken as follows: (a) Exposition Co. to furnish lumber and (b) contractor to furnish lumber. Lange & Bergstrom were low on both propositions. John G. Sutton Co. was low on the plumbing at \$19,300 with two competitors—The Turner Co., \$19,490, and Wittman-Lyman Co., \$19,441—very close. Contracts have not been awarded. A complete list of these figures will be found under the heading of San Francisco in this issue.

SAN FRANCISCO—Varied Industries Building, frame construction. Cost not stated. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on June 4th by the Buildings and Grounds Committee of the Exposition Co. for the general construction of the above mentioned building and also for the plumbing and installation of sewer and water pipes in the same. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

SAN FRANCISCO — Outfall sewer. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on June 4th for the construction of an outfall sewer in the Presidio section of the Exposition grounds. Plans can be secured from the office of the Director of Works. An official proposal appears in another column of this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN FRANCISCO—Metay lockers for car barns. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened on June 4th by the Board of Public Works for furnishing and installing metal lockers in the Municipal Car Barns, Geary street. Plans can be secured from the Department of Architecture.

PORTERVILLE, TULARE CO., CAL.—Railroad station, 1 story and base brick and steel, \$20,000. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for a new passenger station have been forwarded to H. V. Platt at Porterville, and he is now taking figures for the work. The building will contain two waiting rooms, station offices and baggage and express rooms. Interior finish will be of pine with some hardwood. A central heating system will be installed. Exterior of the station will be faced with pressed brick. A clay tile roof will be used. Plans can be obtained from H. V. Platt at Porterville.

RESIDENCES.

SAN FRANCISCO—Residence alterations, frame construction, \$2,000. Architect, Norman R. Coulter, 46 Kearny St., S. F. Owner, L. Gilpin. Plans for this work provide for the raising of the present two-story dwelling and

constructing a large entry hall and additional rooms on the street level. New plastering, plumbing, painting and electric work will also be installed. Interior finish will be of pine and hardwood. Exterior of the building will be covered with cement plaster on etal lath. Plans are complete and work has been started by Day Labor.

SAN FRANCISCO—Residence, 2, 2 story and base, frame, \$3,000 each. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, E. Ginley, 131 5th Ave., S. F. These houses will be erected on 9th avenue north of Clement street. Each will contain seven rooms and bath. Interiors will be finished in pine and hardwood with hardwood floors in the dining rooms, living rooms and reception halls. There will be open fire places with brick mantels. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story attic and base, frame, \$12,000. Architects, Havens & Toepke, 46 Kearny St., S. F. Owners, S. A. Born Building Co., 660 Market St., S. F. The dwelling will be erected in the West Clay Park Tract, and is to be similar in design to several other very attractive homes recently erected in that tract by the same firm. Interior finish will be largely of hardwoods with hardwood floors used in all principal rooms. There will be twelve rooms, three baths and a sleeping porch. Plans provide for a central heating system, probably hot water, open fire places and an automatic water heater. Bath rooms will have tile floors and wainscot. Mantels will be of brick and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Mr. Born is now purchasing all materials.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$2,500. Architect, none. Owner, J. A. Gilmour, 4214 Howe St., Oakland. The dwelling has been designed to contain six rooms and bath. Interior will be finished in pine with hardwood floors in the living room, dining room and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, V. S. Kid. The dwelling will be erected in the Claremont Tract and has been designed for an eight room house with baths and sleeping porches. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Julia Morgan, Mer-

chants' Exchange Bldg., S. F. Owner, Miss Nellie Connors. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$4,000. Architect, C. H. Miller, Foxcroft Bldg., S. F. Owner, R. T. Southerland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,500. Architect, Claude B. Barton, Security Bldg., Oakland. Owner, Claude B. Barton. The dwelling, which has been designed for an eight-room house, will be erected at Adams Point. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will have tile wainscot. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and subfigures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$5,500. Architects, Milvain Bros., Delger Bldg., Oakland. Owner, A. H. Dana. The house has been designed to contain eight rooms, bath and sleeping porch and will be erected in Rockridge Park. Interior will be finished in pine, white enamel and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are being prepared for the work.

OAKLAND, CAL.—Residence, 2 story, attic and basement, frame, \$30,000. Architects, Milvain Bros., Delger Bldg., Oakland. Owner, Mrs. A. J. Larkey. The house will be erected in Crocker Highlands and will contain a large number of rooms, several baths and sleeping porch. A garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the residence will be covered with cement plaster on metal lath. Plans for this work are being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, George Friend Co. The dwelling will be erected in the Thousand Oaks Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine throughout with hardwood floors in the dining room, living room and reception hall. There will be open fire places and tile or brick mantels. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor.

WOODSIDE, SAN MATEO CO., CAL.—Residence, 2 story and base, frame, \$45,000. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, J. J. Graves. Mr. Graves owns a large ranch in the Moore Tract near Woodside and will build a house containing twenty rooms, six baths and sleeping porches. A two-story garage with completely equipped machine shop and storage space for ten machines will also be erected on the site. Interior trim for the residence will be of pine and hardwoods. Hardwood floors will be used in all of the principal rooms. Bath rooms will be finished in tile. A central heating system, probably hot water, will be installed. The exterior of the buildings will be covered with cement plaster on metal lath. Roofs will be of red clay tile. Plans provide for extensive landscape gardening, a large concrete swimming tank and sunken gardens. Excavating has been started and subcontracts for the balance of the work will be let shortly.

SAN JOSE, SANTA CLARA CO., CAL.—Residence, 2 story and base, frame, \$3,500. Architect, F. D. Wolfe, First National Bank Bldg., San Jose. Owner, J. Murphy. The dwelling has been designed for a seven-room house with bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owner, H. O. Ayer. The dwelling will contain sixteen rooms, several baths and sleeping porches. Interior finish will be of pine and hardwoods with hardwood floors used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath and shakes. Plans have been revised and new figures are now being taken.

LOS ANGELES, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Milton E. Getz. The dwelling will occupy a corner site and has been designed for an eighteen room house with all modern conveniences. There will be furnace heat and open fire places. Interior will be fin-

ished in pine, hardwood and white enamel. Hardwood floors will be used in all principal rooms. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

PORTLAND, ORE.—Residence, 2 story and base, frame, \$10,000. Architect, none. Owner, M. A. Ashley. Contractors, H. E. Wood & Co, 860 Williams Ave., Portland. Contract price, \$10,000.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$40,000. Architect, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owner, W. C. Leistkow. Contractors, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Contract price, \$40,000.

SCHOOLS.

MENLO PARK, SAN MATEO CO., CAL.—School, 1 story and base, frame and concrete, \$15,000. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, Menlo Park School District. Plans for a four-room building as designed by Architect Dolliver have been accepted by the Board of School Trustees. The building is so arranged that additions may easily be made at a later date. This structure will replace the building destroyed by fire some months ago. Interior will be finished in pine. Exterior will probably be faced with cement plaster. Working drawings are being prepared and bids will be called for shortly.

SAN FRANCISCO — School, 2 story and base, frame and concrete. Cost not stated. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Eight sets of bids were opened at Wednesday's meeting of the Board of Public Works for the general construction of the Edison School. Monson Bros. were low at \$42,677, but no contract was awarded. A complete list of these bids will be found under the heading of San Francisco in this issue.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, George W. Eldredge, Los Angeles Investment Bldg., L. A. Owners, Huntington Park School District. The building will cover an area of 119x120 feet, and has been designed in the Italian Renaissance style. Construction will be practically fireproof. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with pressed brick. Bonds to the amount of \$50,000 have been voted. Plans are now being prepared and bids will be called for shortly.

LOS ANGELES, CAL.—School, 2 story and base, brick, \$30,000. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Woman's Board of Home Missions of the Presbyterian Church. The building will cover an area of 90x 90 feet. The first floor is to be arranged for class rooms, offices and a large dining room. Upper floors will be divided into apartments. Interior finish will be of pine with some hardwood floors. Plans provide for six baths which will have cement floors and tile wainscot. There will be steam heat. Exterior of the building will be

faced with cement plaster. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—School, 1 story and base, reinforced concrete, \$65,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Hester School District. This work has been mentioned here a number of times before when plans were formerly out for figures. The revised drawings are now being figured and bids will be opened by the School Trustees on June 7th. The building will contain 14 class rooms and an assembly hall. Construction will be as near fireproof as the funds available will allow. Plans may be secured from the architect or from the Clerk of the Hester School District, Herbert C. Jones, Knox Bldg., San Jose.

LAGUNA SCHOOL DISTRICT, FRESNO CO., CAL.—School, 1 story and base, brick, \$10,000. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owners, Laguna School District. The building has been designed for a district school and will contain four class rooms. Interior will be finished in pine with some maple floors. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are now being prepared and bids will be called for shortly.

FRESNO, FRESNO CO., CAL.—School, 1 story and base, brick. Cost not stated. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owners, Walnut School District. The building will contain three class rooms, offices and toilets. Interior will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with pressed brick. Design is in the classic style. Plans are being prepared and figures will be called for shortly.

SEATTLE, WASH.—School additions, 2 story and base, brick, \$50,000. Architect not stated. Owners, City of Seattle. Bids for this work were opened on Tuesday last and show Dittensen & Gehring, Epler Bldg., low at \$45,875 on proposition A and \$45,875 on proposition B. This firm will probably be awarded the contract.

SEATTLE, WASH.—School, 2 story and base, reinforced concrete, \$80,000. Architect's name not given. Owners, City of Seattle. Bids for the construction of the Lake School as opened at the last meeting of the Board of Education show Pinne & Gjarde low at \$78,614 on proposition A and \$79,159 for proposition B. A contract will probably be awarded at the next meeting of the Board of Education. These figures include heating and plumbing.

STORE.

SAN FRANCISCO.—Stores and offices alterations, 3 story and base, Class C. Cost not stated. Architect, Henry Sherman, Mills Bldg., S. F. Owner, Barbara Suter. The building, which is to undergo repairs is located at 325 Bush street. Plans will provide for the complete alteration of the first floor and basement which are to be occupied by a large restaurant. There will be new painting, plastering, electric work and plumbing. Upper floors will not be altered. Plans are complete and figures are being taken.

SEATTLE, WASH.—Stores and lofts, 4 story and base, steel and concrete, \$150,000. Architect, Saunders & Lawton, Alaska Bldg., Seattle. Owner's

name withheld. Preliminary plans have been prepared for a large commercial structure which is to be erected in the wholesale district. There will be several stores on the first floor and upper floors will be arranged for lofts for storage purposes. Foundations and bearing walls will be designed to carry four additional stories. Construction will be fireproof. Metal window frames and sash are to be specified. Exterior of the building will be faced with cement plaster. Plans are being prepared. Further mention will be made of the work when plans are ready for figures.

VANCOUVER, B. C.—Stores and offices, 15 story and base, reinforced concrete. Cost not stated. Architect, Thomas Hooper, Winch Bldg., Vancouver. Owner's name withheld. This building is proposed for the corner of Granville and Dunsmuir streets. The building will be 120x120 with a tower of five additional stories. It will be erected for stores on the ground floor and offices above. The specifications call for high-speed elevators and an entire modern equipment usually found in such structures. It is possible that contract tenders will be invited within the next six weeks. Exterior will be covered with pressed brick and tile.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores and offices, alteration, 4 story brick and steel, \$70,000. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Kile, Wilhoit & Mough. The Yosemite Theatre Building, one of the best known office structures in Stockton, is to undergo thorough remodeling. A new steam heating system will be installed, new interior trim, plumbing, electric work and elevators. Additions will be made in portions of the building. Exterior will be faced with pressed brick and terra cotta. Plans are complete and bids are now being taken.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, brick and steel. Cost not stated. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owners, Besinger Estate. The building will be erected on Los Angeles street, near 9th, and will cover an area of 88x146 feet. The first floor will be arranged for stores and upper floors for light lofts. There will be steam heat, elevator service, metal window sash and frames and fireproof doors. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with terra cotta. Plans will be complete and ready for figures within a week or ten days.

LOS ANGELES, CAL.—Stores and offices, 13 story and base, Class A construction. Cost not stated. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, Building Owners Co. This building has been mentioned here before when the architect was first commissioned to prepare plans. A site on 6th street between Hill and Olive streets has been secured, and construction will be started as soon as the temporary buildings now occupying the site can be wrecked. Construction will be fireproof throughout with reinforced concrete walls, concrete floors and roof and hollow tile interior partitions. Interior will be finished in metal trim, marble and hardwoods. There will be elevator service, steam heat, a vacuum cleaning system and radiators. Metal window sash and

frames are specified. Exterior of the building will be faced with pressed brick and terra cotta. Bids will be called for within a week or ten days.

Contracts Awarded.

PORTLAND, ORE.—Stores and offices, .. stories, reinforced concrete or steel frame. Cost not given. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, H. L. Pittcock et al. Contractors, Brayton Engineering Co., Lumberman's Bldg., Portland. Contract price cannot be given as the height of the structure has not been decided upon. The contract has probably been awarded on a percentage basis.

LOS ANGELES, CAL.—Stores and lofts, 5 story and base, reinforced concrete, \$120,000. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichl. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$120,000.

LOS ANGELES, CAL.—Store and lofts, 3 story and base. Class A construction, \$37,000. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, Frank H. Shafer. Contractors, Hardeleine-Breunle Woodworking Co., Central Bldg., L. A. Contract price, \$37,000.

SEALED PROPOSALS.

PROPOSALS FOR CANAL SUPPLIES.

CANAL, CIRCULAR 778.—Proposals for Two Lock Entrance Floating Caissons and Their Equipment.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m., July 21, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 778) may be obtained from this office or the office of the assistant purchasing agent, 1056 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps engineers, U. S. A., general purchasing officer.

PROPOSALS FOR METAL LOCKERS.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 4th day of June, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The furnishing and installing of metal lockers in the car barn of the Geary Street Municipal Railway.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within forty-five (45) days and completed within sixty (60) days from the date of the contract to be made and entered therefor.

The amount of bond for faithful performance has been fixed at \$200.00.

All proposals offered shall be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors of said City and County, for an amount not

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less than ten per centum of the aggregate of the proposal, and no proposal will be considered unless accompanied by such check.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works,
F. J. CHURCHILL,
Secretary.

PROPOSALS FOR ROCK CRUSHER.

ROCK CRUSHING PLANT—Fort McDowell, Cal.—Sealed proposals, in triplicate, will be received here until **11 a. m., June 4, 1913**, for installing rock crushing plant. Information furnished on application. U. S. reserves the right to reject any or all bids. Envelopes containing proposals should be indorsed "Proposals for Rock-Crushing Plant," addressed to Captain JAMES LONGSTREET, constructing quartermaster.

PROPOSALS FOR SLUICE GATES.

SLUICE GATES—Department of the Interior. U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. reclamation service, Boise, Idaho, until **2 p. m., June 16, 1913**, for furnishing sluice gates for the new Jackson Lake dam, Snake River storage project, Idaho-Wyoming. For particulars address U. S. reclamation service, Boise, Idaho, or Washington, D. C. A. P. DAVIS, acting director.

PROPOSALS FOR PUMPING UNITS.

PUMPING UNITS AND FRAMEWORK—Department of the Interior, U. S. Reclamation Service, Los Angeles, Cal.—Sealed proposals will be received at this office until **2 p. m., June 2, 1913**, for furnishing and delivering, f. o. b. cars shipping point, three 2,250-gallons-per-minute vertical direct-connected pumping unit and additional sections of steel framework for above pumping units; also for one 900-gallons-per-minute horizontal direct-connected pumping unit. O. H. ENSIGN, consulting engineer.

PROPOSALS FOR BUILDING.

BUILDING—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Brick Hospital and additions to Brick Buildings, Pine Ridge Indian School, South Dakota," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until **2 o'clock p. m. of June 18, 1913**, for furnishing materials and labor for the erection of a brick hospital, addition to brick laundry, addition to brick mess hall and additions to two brick dormitories at the Pine Ridge Indian School, South Dakota, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the office of the supervisor of construction, Denver, Colo., and at the school. For further information apply to the superintendent of the Pine Ridge Indian School, Pine Ridge, S. D. C. F. HAUKE, acting commissioner.

PROPOSALS FOR BUILDING.

BRICK HOSPITAL—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals plainly marked on the outside of the sealed envelope "Proposals for Brick Hospital, Canton Indian Insane Asylum, S. Dak.," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian office until **2 o'clock p. m., June 24, 1913**, for furnishing materials and labor for the erection of a brick hospital at the Canton Indian Insane Asylum, S. Dak., in strict accordance with the plans and specifications, and instructions to bidders, which may be examined at this office, the office of the supervisor of construction, Denver, Colo., and at the asylum. For additional information apply to the superintendent of the Canton Indian Insane Asylum, Canton, S. Dak. C. F. HAUKE, acting commissioner.

NOTICE TO CONTRACTORS.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., May 3, 1913.—**SEALED PROPOSALS** will be received at this office until **3 o'clock P. M. on the 9th day of June, 1913**, and then opened, for a conduit and wiring system in the United States Marine Hospital, San Francisco, Cal., in accordance with drawing and specification, copies of which may be had at this office or at the office of the Supervising Superintendent of Construction, U. S. Post Office, San Francisco, Cal., at the discretion of the Supervising Architect.

O. WENDEROTH,
Supervising Architect. (*)

PROPOSALS FOR BOAT HOUSE.

SEALED bids or proposals are invited to be delivered to the Board of Park Directors of the City of Oakland, at its office in the City Hall Annex, 1728 Broadway, Oakland, California, on **Wednesday, the 11th day of June, 1913, between the hours of 2 o'clock and 3 o'clock p. m.** for furnishing necessary labor and materials for and in the construction of a reinforced concrete Boat House on the west shore of Lake Merritt for the Board of Park Directors of the City of Oakland, Alameda County, California, in accordance with the specifications thereon on file in the office of said Board of Park Directors, to which specifications reference is hereby made for full particulars. Proposals shall be made upon blank forms, which will be furnished by the secretary of the Board of Park Directors upon application.

All work done and materials furnished shall be to the approval of Walter D. Reed, architect for the Board of Park Directors, and to the acceptance of the Board of Park Directors.

To secure faithful performance of contract a bond in the sum of Fifteen Thousand Dollars (\$15,000) with sureties approved by the Board of Park Directors, shall be required, or successful bidder shall deposit with the Auditor a certified check upon some solvent bank for said amount for the faithful performance of said contract, and a bond of fifty (50) per cent of the contract price, with sureties approved by the City Attorney and the Board of Park Directors for the protection of persons furnishing labor and material shall also be required.

Work shall be commenced within thirty (30) days and shall be completed within one hundred and fifty (150) days from date of contract.

Each bid shall bear the affidavit of bidder as required by Section 126 of the Charter of the City of Oakland.

Each bid must be accompanied by a check of ten per cent of amount of bid, payable to "Frank M. Smith, City Clerk," certified by a responsible bank, which check shall be forfeited to the City of Oakland should the bidder receiving an award fail within ten (10) days after acceptance of bid to enter into a contract and furnish the bond required as set forth in this notice.

The Board of Park Directors reserves the right to reject any or all bids or any bid or any separate item mentioned in this proposal.

By order of the Board of Park Directors.
HENRY F. VOGT,
Secretary.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company, in Room 415, Exposition Building, Pine and Battery Streets, San Francisco, California, at **11 o'clock A. M., Wednesday, June 10, 1913**, for the construction and erection of Prestressed concrete structural in accordance with the plans and specifications on file in the office of Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company or cash in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$5.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at **11 o'clock A. M., Tuesday, June 10, 1913**, for the Excavation and Concrete and Cement Work for Foundation and basement of The Exposition Auditorium, in accordance with the plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the

contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$10.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee.

WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

SEALED BIDS will be received at the office of the Comptroller, University of California, Berkeley, at 10 A. M., Thursday, June 19th, on Excavation and Concrete, Structural Steel and Steel Erection, Granite Work, Marble Work, Elevator, and Ornamental Metal Work, for the Sather Campanile on the grounds of the University of California, Berkeley.

Plans and specifications are on file in said office and may be obtained upon payment of a deposit of \$5.00.

No bids will be received unless accompanied by a certified check or cash equal to 10% of the bid, to secure execution of the contract by the successful bidder. The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA. (*)

NOTICE TO CONTRACTORS.

Office Constructing Quartermaster, Fort Mason, Cal., May 28, 1913.—SEALED PROPOSALS, in triplicate, for furnishing and installing certain additional power plant apparatus at Letterman General Hospital, Presidio of San Francisco, Cal., will be received here until 11 A. M. 12th June, 1913, and then opened. Plans, specifications, blank forms and necessary information can be obtained here. Deposit of \$10.00 required to insure return of plans, etc. Envelopes containing proposals to be endorsed "Proposals for power plant apparatus" and addressed to CAPT. E. S. WALTON, Q. M. C. (*)

General Construction Transportation Building.

Lange & Bergstrom, (a)	\$252,065; (b)
\$358,518.	
Streshlow, Freeze & Peterson (a)	
\$261,000; (b)	\$363,500.
J. Monk, (a)	\$279,975.
Commary-Peterson Co. (a)	\$296,500.
P. Rolandi (a)	\$306,900; (b)
\$430,000.	
Plumbing Transportation Building.	
Lettich Bros.	\$20,529
Klernan & O'Brien	23,116
P. W. Snook & Co.	20,600
J. G. Sutton	19,360
Burnham Plumbing Co.	19,692
Robert Dalziel Jr. Co.	21,987
P. W. Wilson	19,875
Peterson-James Co.	23,760
The Turner Co.	19,490
Wittman-Lyman Co.	19,441

Auditorium Steel Bids Are Opened.

Exposition Company Open Figures for
Structural Steel and Iron Work
For The Auditorium.

Bids for furnishing, fabricating and erecting the structural steel and cast iron work of the Exposition Auditorium were received Thursday morning by the Committee on Buildings and Grounds.

The Exposition set aside a million dollars for this structure and it is to be located on the lot formerly occupied by the old Mechanics Pavilion and for which the City and County of San Francisco paid \$701,437.08.

The bids received are as follows:

J. G. Williams Construction Company, on Proposal "C" receiving f. o. b. San Francisco, unloading, storing, hauling, and erecting the steel and cast iron, \$63,500.

Smith Rice Company, Proposal "C" for receiving, unloading, storing and erecting, etc., \$59,506.

United States Steel Products Company, Proposal "B" for furnishing, fabricating and delivering f. o. b. San Francisco, \$217,238; for furnishing, fabricating and delivering Eastern terminal, \$164,335.

California Construction Company, Proposal "A" for furnishing, fabricating, erecting, riveting all steel and cast iron, \$314,060; Proposal "B" for furnishing, fabricating and delivering, San Francisco, \$257,946; For furnishing, fabricating and delivering Eastern terminal, \$204,940; Proposal "C" for receiving, f. o. b. San Francisco, unloading, storing, hauling and erecting the steel and cast iron, \$59,120.

Biune Construction Company: For receiving f. o. b. San Francisco, unloading, storing, hauling and erecting, \$29,900.

City Bids Opened.

Board of Public Work Considers Bids
For General Construction of Edison
School.

Eight sets of bids were opened at Wednesday's meeting of the Board of Public Works for the general construction of the Edison School. Monson Bros. were low at \$12,677, but no contract was awarded. Following is a complete list of all figures submitted:

General Construction Edison School.

Heckenroth & Schell.	\$49,586
Monson Bros.	42,677
Neswom, Weld & Kohn.	44,820
Carnahan & Mulford.	46,289
J. W. Carr. ....	.....
McSheehy Bros.	49,942
Thomas Miller.	46,674
F. H. Born.	59,837

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all correctly classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

Panama-Pacific Co. Opens Bids On Big Jobs.

Lange & Bergstrom Low Men For Construction of Transportation Building. No Award Made.

The Buildings & Grounds Committee of the Panama-Pacific International Exposition Company opened bids on Tuesday, May 27th, for the construction of the Transportation Building, another of the large exhibit palaces which is to be erected in the Exhibit Section of the Harbor View site. Bids for the plumbing on the same were also opened. Bids on the general construction were taken as follows: (a) Exposition Company to furnish lumber and (b) contractor to furnish lumber. Lange & Bergstrom were low on both propositions, (a) \$252,065; (b) \$358,518. John G. Sutton was low on the plumbing at \$19,360 with two competitors, The Turner Co., \$19,190 and Wittman-Lyman Co., \$19,441, very close. Contracts have not been awarded. The following is a complete list of the bids as presented:

SAN FRANCISCO.

APARTMENT HOUSE—2 story and base, frame, \$23,000. San Francisco. Architect, none. Owners, Kern-McKillop Bros., 331 Pine St., S. F. The building is to be erected on the property on Taylor street adjoining another similar structure now under construction and owned by the same parties. This building will have a frontage of 30 feet and a depth of 165 feet. Plans provide for fifteen suites of two and three rooms each with private baths. All suites will have wall beds. There will be steam heat, vacuum cleaning system and an automatic elevator. Interior finish will be of pine with hardwood floors and some elm panels. Bath rooms will be finished in cement plaster. Exterior of the building will be faced with red brick veneer. Plans are complete and the work will be done by Day Labor.

APARTMENT HOUSE—2 story and base, frame, \$12,000. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, Herman Hogrefe, 1960 Hyde St., S. F. The building will be erected on Taylor street north of Sutter, and has been designed to contain seven apartment flats. Interior

finish will be of pine with elm panels and hardwood floors. A central heating system will be installed. Bath rooms will have cement floors and tile wainscot. All suites will have private bath rooms and will be equipped with wall beds. Exterior of the structure will be covered with white cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

APARTMENT HOUSE—3 story and base, frame, \$10,500. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner, John Fletcher. The building has been mentioned in these columns before when plans were first started. Working drawings have been completed and placed in the hands of the owner who has started excavating under the Day Labor system. The building has been arranged for six suites of four rooms and bath each. All apartments will have connecting baths and will be equipped with wall beds. Exteriors will be finished in pine. The exterior of the building will be covered with cement plaster on metal lath and klinker brick veneer.

APARTMENT HOUSE—1 story and base, brick and steel. Cost not stated.

San Francisco. Architect, C. O. Clausen. Phelan Bldg., S. F. Owner, M. S. Shaw. Preliminary sketches have been prepared for this building which is to be erected on property recently purchased by Mr. Shaw on Bush street west of Hyde. The lot has a frontage of 65 feet 9 inches and a depth of 137 1/4 feet. Plans provide for a total of about 100 guest rooms arranged in two and three room suites. All suites will have private bath rooms and wall beds. Interior finish will be of pine, elm panels and hardwood or tile floors. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a vacuum cleaning system. Hot and cold water plant will be installed. Exterior of the building will be faced with pressed brick. Plans will be completed at once.

APARTMENT HOUSE—3 story and base, frame, \$10,000. San Francisco. Architect, C. O. Clausen. Phelan Bldg., S. F. Owners Rego Bros. The building will be erected on Filbert street 179 feet east of Gough, and has been arranged to contain six apartments of four rooms and bath each. Interiors will be finished in pine with some hardwood floors and elm panels. There will be an open fire place and tile mantel in each suite. Bath rooms will be finished in cement plaster. Some wall beds will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and a contract will be let within a few days.

METAL LOCKERS FOR CAR BARNs—Cost not stated. San Francisco. Architect, City Department of Architecture. Temporary City Hall, S. F. Owners, City and County of San Francisco. Bids will be opened on June 4th by the Board of Public Works for furnishing and installing metal lockers in the Municipal Car Barns, Geary street. Plans can be secured from the Department of Architecture.

RESIDENCE ALTERATIONS—Frame construction, \$2,000. San Francisco. Architect, Norman R. Conter, 46 Kearny St., S. F. Owner, L. Gilpin. Plans for this work provide for the raising of the present two-story dwelling and constructing a large entry hall and additional rooms on the street level. New plastering, plumbing, painting and electric work will also be installed. Interior finish will be of pine and hardwood. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work has been started by Day Labor.

RESIDENCES—2, 2 story and base, frame, \$3,000 each. San Francisco. Architect, Edward E. Young, 251 Kearny St., S. F. Owner, E. Ginley, 131 5th Ave., S. F. These houses will be erected on 9th avenue north of Clement street. Each will contain seven rooms and bath. Interiors will be finished in pine and hardwood with hardwood floors in the dining rooms, living rooms and reception halls. There will be open fire places with brick mantels. Tile wainscoting will be used in the bath rooms and kitchens. Exteriors will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

RESIDENT—2 story, attic and base, frame, \$12,000. San Francisco. Architects, Havens & Toepke, 46 Kearny St., S. F. Owners, S. A. Born Building Co., 660 Market St., S. F. The dwelling

will be erected in the West Clay Park Tract, and is to be similar in design to several other very attractive homes recently erected in that tract by the same firm. Interior finish will be largely of hardwoods with hardwood floors used in all the principal rooms. There will be twelve rooms, three baths and a sleeping porch. Plans provide for a central heating system, probably hot water, open fire places and an automatic water heater. Bath rooms will have tile floors and wainscot. Mantels will be of brick and tile. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor. Mr. Born is now purchasing all materials.

WAREHOUSE AND FACTORY—3 story and base, brick and steel, \$50,000. San Francisco. Architect, Smith O'Brien, Humboldt Bank Bldg., S. F. Owners, Workman Packing Co. This building will be erected on Harrison street between 4th and 5th streets, and will cover an area of 50x100 feet. The first floor is to be arranged for the offices of the company and shipping department. Upper floors will contain the storerooms and factory of the meat packers. Third floor is to be wainscoted with tile. A complete refrigerating plant will be installed. Construction will be of the mill type. Metal window frame and sash are specified. There will be a large freight elevator. Exterior of the building will be faced with pressed brick. Plans are being prepared and figures will shortly be called.

FLATS—3 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, H. Sholten, 1522 Santa Clara Ave., Alameda. The building has been arranged for three small flats, and will be erected on 14th street south of Folsom. Interior finish will be of pine throughout. There will be gas grates and tile mantels. Each flat will have a bath with tile wainscoting. Thirty-gallon boilers will be installed. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who is now purchasing all materials. Work will be done by Day Labor.

FLATS—2, 2 story and base, frame, \$5,000 each. San Francisco. Architect, none. Owner, C. A. Rushton, 714 9th Ave., S. F. These buildings will be erected on 9th avenue south of C street. Each will have a frontage of 25 feet and a depth of 60 feet. Interiors will be arranged for two modern five and six room flats with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will also be used in the bath rooms and kitchens. Exterior of the buildings will be covered with brick veneer and cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

FLATS—2 story and base, frame, \$6,500. San Francisco. Architect, C. O. Clausen. Phelan Bldg., S. F. Owner, N. J. Bagliatetto. The building will be erected on Greenwich street west of Larkin, and has been designed to contain two residential flats, one of five rooms and the other of six rooms. Interior will be finished in pine with hardwood floors in the principal rooms. There will be large open fire places with brick mantels. Bath rooms will

have tile wainscot and tile will also be used in the kitchen. Exterior of the building will be covered with cement plaster on metal lath. A contract is to be awarded with a few days.

POWER PLANT EQUIPMENT—Cost not stated. Presidio of San Francisco. Architects, Constructing Quartermaster Dept., Fort Mason. Owners, United States Government. Plans for the furnishing and installation of additional power plant equipment at the Letterman General Hospital at the Presidio have been completed. Bids are now being taken for this work and will be opened on June 12th. Plans can be secured from the Constructing Quartermaster's office at Fort Mason. The official proposal appears in another column of this issue.

HOTEL—12 story and base. Class A construction, \$110,000. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owner's name withheld. This building will be erected on Geary street near Jones. The lot has a large street frontage and considerable depth. Plans will provide for a total of 132 guest rooms and 77 baths. Interior will be finished in pine and hardwoods with ornamental plaster in the lobby and office. There will be a complete steel frame and exterior walls faced with mat glazed terra cotta and pressed brick. Steam heat, elevator service and a vacuum cleaning system will complete the mechanical equipment. All window frames and sash will be of metal. Plans are being prepared and construction will be started as soon as arrangements now pending with the tenant can be settled.

HOTEL—3 story and base, frame, \$22,000. San Francisco. Architect, August Nordin, Mills Bldg., S. F. Owner, B. Josephine O'Neil. The building is to be erected on Harrison street near Third. The first floor will be arranged for stores and upper floors for a number of modern hotel rooms. There will be a hot water system. Interior finish will be of pine throughout. Exterior of the building will be covered with rustic and cement plaster on metal lath. Bids have been taken on the work and are now under advisement in the office of the architect. A contract will be let in a few days.

SCHOOL—2 story and base, frame and concrete. Cost not stated. San Francisco. Architect, City Department of Architecture, Temporary City Hall, S. F. Owners, City and County of San Francisco. Eight sets of bids were opened at Wednesday's meeting of the Board of Public Works for the general construction of the Edison School. Henson Bros. were low at \$42,677, but no contract was awarded. A complete list of these bids will be found under the heading of San Francisco in this issue.

STORES AND OFFICES ALTERATIONS—3 story and base. Class C. Cost stated. San Francisco. Architect, Henry Sherrmund, Mills Bldg., S. F. Owner, Barbara Suter. The building which is to undergo repairs is located at 325 Bush street. Plans will provide for the complete alteration of the first floor and basement, which are to be occupied by a large restaurant. There will be new painting, plastering, electric work and plumbing. Upper floors will not be altered. Plans are complete and figures are being taken.

STRUCTURAL STEEL WORK ON AUDITORIUM—Cost not stated. San Francisco. Architect, Director of

Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids for furnishing, fabricating and erecting the structural steel and cast iron work of the Exposition Auditorium were received Thursday morning by the Committee on Buildings and Grounds. The Exposition Company set aside a million dollars for the structure, and it is to be located on the lot formerly occupied by the old Mechanics' Pavilion, and for which the City and County of San Francisco paid \$701,437.00. The bids received are as follows: J. G. Williams Construction Co. On proposal C, receiving f. o. b. San Francisco, unloading, storing, hauling and erecting the steel and cast iron, \$53,500. Smith-Rice Co., proposal C for receiving, unloading, storing and erecting, etc., \$59,500. United States Steel Products Co., proposal A for furnishing, fabricating and delivering f. o. b. San Francisco, \$217,283; for furnishing, fabricating and delivering eastern terminal, \$164,835. California Construction Co., proposal A for furnishing, fabricating, erecting, riveting all steel and cast iron, \$314,060; proposal B for furnishing fabricating and delivering San Francisco, \$257,940; for furnishing, fabricating and delivering eastern terminal, \$204,940; proposal C for receiving, f. o. b. San Francisco, unloading, storing, hauling and erecting the steel and cast iron, \$59,000.

TRANSPORTATION BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. The Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. opened bids on Tuesday, May 27th, for the construction of the Transportation Building and for the plumbing on the same. Bids on the general construction were taken as follows: (a) Exposition Co. to furnish lumber and (b) contractor to furnish lumber, Lange & Bergstrom were low on both propositions. John G. Sutton was low on the plumbing at \$19,300, with two competitors—The Turner Co., \$19,490, and Wittman-Lyman Co., \$19,441—very close. Contracts have not been awarded. A complete list of these figures will be found under the heading of San Francisco in this issue.

VARIED INDUSTRIES BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on June 4th by the Buildings and Grounds Committee of the Exposition Co., for the general construction of the above mentioned building, and also for the plumbing and installation of sewer and water pipes in the same. Plans and specifications can be secured from the Director of Works. An official proposal appears in another column of this issue.

OUTFALL SEWER—Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids will be opened on June 4th for the construction of an outfall sewer in the Presidio section of the Exposition grounds. Plans can be se-

cured from the office of the Director of Works. An official proposal appears in another column of this issue.

Building Contracts Awarded.

San Francisco.

1975	Hirsch	.....Meyers	700
1975	Joseph	.....Healy	2250
1977	Gump	.....Emanuel	7100
1978	Crocker Hl.	.....Campbell	49669
1979	Gump	.....Clinton	48000
1980	Same	.....Colusa Stone	52560
1981	McClure	.....McClure	1600
1982	Anderson	.....Brumfield	500
1983	Mowatt	.....Mowatt	500
1984	Lundstrom	.....Store Eght	1000
1985	Wellington Htl.	.....Sullivan	600
1986	Farfary	.....Lanciano	1000
1987	Sholten	.....Sholten	4000
1988	Hogrefe	.....Hogrefe	12000
1989	Klamm	.....Klamm	1000
1990	Glavin	.....Glavin	2000
1991	Nelson	.....Nelson	2700
1992	Heyman	.....Heyman	1850
1993	Anderson	.....Anderson	600
1994	Ehrhiksen	.....Didrikson	600
1995	Smith	.....Smith	2000
1996	Smith	.....Smith	2500
1997	Jacobs	.....Fraiser	2785
1998	Yates	.....Yates	3000
1999	Nelson	.....Nelson	2500
2000	Restani	.....Walter	1800
2001	Kirby	.....Herberle	400
2002	Salvarezza	.....Bacigalupi	5600
2003	Bibbero	.....Bibbero	7000
2004	Ratto	.....Ratto	5700
2005	Born	.....Born	12000
2006	Norman	.....McInnis	4500
2007	Elly	.....Evans	2700
2008	Invest Rlty	.....Ward	2700
2009	Busse	.....Petersen	6825
2010	Cliff	.....Peterson	10267
2011	Neppey	.....Mager	13650
2012	Kaloch	.....Kaloch	4000
2013	Rushton	.....Rushton	5000
2014	Rushton	.....Rushton	5000
2015	Novello	.....Novello	500
2016	Denecke	.....Savasky	500
2017	Hanson	.....Johnson	400
2018	Losquutoff	.....Lohquott	1000
2019	Dechalne	.....Dechalne	800
2020	Novelty	.....Novelty	3000
2021	Ginley	.....Ginley	3000
2022	Pissis	.....Wright	4164
2023	Yates	.....Yates	3000
2024	Katzke	.....Holt	7791
2025	P P I E.	.....Snook	18486
2026	Same	.....Reese	222580
2027	Warehouse	.....Anderson	8750
2028	Home	.....Connolly	450
2029	Wells Fargo	.....Novelty	500
2030	Lutze	.....Reids	600
2031	Treadwell	.....Novelty	500
2032	McDonald	.....Green	400
2033	Rogers	.....Rogers	1500
2034	Parkside	.....Parkside	4000
2035	Taylor	.....McKinnia	1500
2036	Smith	.....Smith	1400
2037	Oereichs	.....Jackson	6500
2038	Batchelder	.....Owner	2000
2039	O'Brien	.....Brauch	4300
2040	Roikin	.....Roikin	3000
2041	Gautier	.....Carson	11875
2042	Perasso	.....Christiansen	8950

(1975) N BROADWAY 97-6 E Franklin E 27-6XN 137-6. Painting, papering, etc., for alterations to two-story frame flats.

Owner.....Mrs. Leopold or Emily Hirsch, 1668 Broadway, San Francisco.
Architect...Mohr Bros., Bankers' Investment Bldg., S. F.
Contractor...W. H. Meyers, 1505 Scott, San Francisco.
Filed May 26, '13. Dated May —, '13.
As work progresses..... 75%
usual 35 days..... 25%
TOTAL COST, \$700
Bond, none. Limit, 30 days. Forfeit, plans and specifications, none.

(1976) SW WASHINGTON & FRONT W 68-9XS 60. Pile driving, furnishing and cutting of 116 piles 65 feet long for building.
Owner.....Joseph Estate Co. by John E. Beck, 435 Cabrillo, S. F.
Architect.....None.
Contractor...Healy-Thibbitts Constr. Co., 9 Main, San Francisco.
Filed May 26, '13. Dated May 24, '13.

Within 2 days after completion. \$2250
TOTAL COST, \$2250
Bond, none. Limit, as soon as possible.
Forfeit, Plans and specifications, none.
NOTE—Ross & Burgen, 370 California St., are the architects.

(1977) N POST, bet Grant Ave and Stockton. Carpenter, mill, window frames, sash, plaster, glass, glazing, fire places, marble, composition ornament, ceiling, lights, rough hardware etc., for alterations and additions to store.
Owner.....S. & G. Gump Co., 268 Post, San Francisco.
Architect...Milton Lichtenstein, 111 Ellis, San Francisco.
Contractor...L. & E. Emanuel Inc., 144 12th, San Francisco.
Filed May 26, '13. Dated May 24, '13.
Wood work on job.....\$2600
Completed and accepted..... 2700
Usual 35 days..... 1800
TOTAL COST, \$7100
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1978) SW POWELL AND POST W 137-6 S 63-6 E 69-7 N 6-6 E 67-11 N 57. Brick work, terra cotta sills and well copings, flue lining and all the partitions for Class "A" steel, concrete and stone addition to St. Francis Hotel.

Owner.....Crocker Hotel Company.
Architect...Bliss & Faville, Balboa Bldg., San Francisco.
Contractor...Campbell Bros.
Filed May 26, '13. Dated May 26, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$49,669
Bond, \$24,835. Surety, Massachusetts Bonding & Insurance Co. Limit, as required. Forfeit, \$25. Plans and specifications filed.

(1979) STEEL REINFORCING, CONCRETE floors, side walk, roof slabs, basement slabs, etc., on above.
Contractor...Clinton Fireproofing Co., Mutual Bank Bldg., S. F.
Filed May 26, '13. Dated May 26, '13.
Payments same as above.....

TOTAL COST, \$48,000
Bond, \$24,000. Surety, Globe Indemnity Co. Limit, 40 days. Forfeit, \$25. Plans and specifications filed.

(1980) STONE AND GRANITE WORK on above.
Contractor...Colusa Sandstone Co., Potrero and Division, S. F.
Filed May 26, '13. Dated Nov. 8, '12.
Payments same as above.....

TOTAL COST, \$52,650
Bond, none. Limit, as fast as required. Forfeit, \$50. Plans and specifications filed.

(1981) NW BEALE AND BRANNAN. One-story frame saloon.
Owner.....Wm McClure, 454 Main, San Francisco.
Architect...J. E. Gunning, 109 Pierce, San Francisco.
Day's work..... COST, \$1600

(1982) NW GEARY AND KEARNY. Electric sign.
Owner.....Dr. R. C. Anderson, Prem.
Architect.....None.
Contractor...Brumfield Elec Sign Co., 18 7th, San Francisco.
COST, \$500

(1983) E DE HARO 191 S 20th. Raise and repair residence.

BUILDING AND INDUSTRIAL NEWS

Owner.....Wm. T. Mowatt, 1945 20th,
San Francisco.
Architect...None.
Pay's work. COST, \$500

(1984) NO. 1126 MARKET. Replace
windows with Kawneer and Alaska
marble base and extend front.

Owner.....Lundstrom Hat Wks, 1126
Market, San Francisco.
Architect...None.
Contractor...Store Equipment Co., 464
Jessie, San Francisco.
COST, \$1000

(1985) N GEARY 150 W Jones. Un-
derpin wall.
Owner.....Wellington Hotel, Prem.
Architect...Mutual Constr. Co.
Contractor...D. J. and T. Sullivan, 1942
Folsom, San Francisco.
COST, \$600

(1986) E NINTH AVE 254-2 N Anza.
One-story and basement frame dwlg.
Owner.....J. Ferrary, Premises.
Architect...None.
Contractor...J. Langiacomo, 458 9th
Ave., San Francisco.
COST, \$1000

(1987) W FOURTEENTH 75 S Folsom.
Three-story and basement frame (6)
flats.
Owner.....H. Sholten, 1522 Santa
Clara Ave., Alameda
Architect...None.
Day's work. COST, \$4000

(1988) E TAYLOR 114-7 N Sutter.
Three-story and basement brick flats
Owner.....Herman Hogrefe, 1960
Hyde, San Francisco.
Architect...E. E. Young, 251 Kearny,
San Francisco.
Day's work. COST, \$12,000

(1989) LOT 328 Cobb Tract. One and
one-half-story and basement frame
dwelling.
Owner.....Frank Klam, 226 Bocana
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1000

(1990) NE STEINER AND HAYES.
Raise residence and finish hall in first
story.
Owner.....L. Gilpin, 958 Hayes, S. F.
Architect...Norman R. Coulter, 46
Kearny, San Francisco.
Day's work. COST, \$2000

(1991) W UTAH 50 N 15th. One-
story brick addition to warehouse.
Owner.....R. N. Nason, 15th and Utah
San Francisco.
Architect...Charles P. Weeks, Mutual
Bank Bldg., S. F.
Day's work. COST, \$1700

(1992) E TWENTY-NINTH AVE 150
N Geary. One-story and basement
dwelling.
Owner.....Oscar Heyman & Bro., 742
Market, San Francisco.
Architect...None.
Day's work. COST, \$1850

(1993) W TWENTY-SEVENTH AVE
199 N Geary. One-story and basement
frame dwelling.
Owner.....John Anderson, 350 7th
Ave., San Francisco.
Architect...None.
Day's work. COST, \$600

(1994) N TWENTY-EIGHTH 109 E
Noe. One-story and basement frame
dwelling.
Owner.....N. W. Didriksen, 60 Eureka
San Francisco.
Architect...None.
Day's work. COST, \$600

(1995) W DELANO 200 N San Juan.
Two-story and basement frame dwlg.
Owner.....F. Smith, 56 Delano Ave.,
San Francisco.
Architect...None.
Contractor...Smith Bros., 56 Delano
Ave., San Francisco.
COST, \$2500

(1996) W DELANO 225 N San Juan.
Two-story and basement frame dwlg.
Owner.....F. Smith, 56 Delano Ave.,
San Francisco.
Architect...None.
Contractor...Smith Bros., 56 Delano
Ave., San Francisco.
COST, \$2500

(1997) N CLAY 26 E Drumm N 115x
E 43-9. Concrete, brick, cementing,
iron, tinning, galvanized iron, car-
pentry, joinery, mill, hardware, glaz-
ing, elevator, skylight, roofing, wir-
ing, painting for alterations and ad-
ditions for two-story brick store and
loft building.

Owner.....Jacobs Malcolm & Burtt,
SW Drumm and Washing-
ton, San Francisco.
Architect...O'Brien Bros., Clunie Bldg
San Francisco.
Contractor...Fraisier & Fraiser.
Filed May 27, '13. Dated May 26, '13.
Floor lowered and in place...\$1088.75
Iron work in place and galvaniz-
ed iron set 500.00
Completed and accepted.... 500.00
Usual 35 days..... 696.25
TOTAL COST, \$2785.00
Bond, \$1392.50. Surety, The Aetna Ac-
cident & Liability Co. Limit, 30 days.
Forfeit, \$10. Plans and specifications
filed.

(1998) W TWENTY-FIRST AVE 150
S Clement S 25xW 120. All work for
two-story five-room and bath frame
residence.
Owner.....Jeanette Yates, 310 Lick
Bldg., San Francisco.
Architect...Martin Schmidlin.
Contractor...William Yates, Lick Bldg.,
San Francisco.

Filed May 27, '13. Dated May 26, '13.
Frame up ready for roofing.....\$750
Brown coated 750
Completed 750
Usual 35 days..... 750
TOTAL COST, \$3000
Bond, none. Limit, 90 days from May
28. Forfeit, none. Plans and specifica-
tions, none.

(1999) E SIXTEENTH AVE 250 N
Geary. Two-story 5-room frame
dwelling.
Owner.....F. Nelson, 30 Presidio Ter-
race, San Francisco.
Architect...None.
Day's work. COST, \$2500

(2000) NW SAN JOSE & GUTHRIE.
Two-story and basement frame dwlg.
Owner.....E. Restani, 626 Front,
San Francisco.
Architect...None.
Contractor...A. A. Sauers, 167 Sadowa,
and E. Walter, 123 Fair-
lone, San Francisco.
COST, \$1800

(2001) NO. 975 CLAYTON. Alter resi-
dence.
Owner.....Mr. Kirby, Premises.
Architect...None.
Contractor...R. Herberbe, 1136 Mission,
San Francisco.
COST, \$400

(2002) N NORTH POINT 43-9 E Lar-
kin. Three-story and basement frame
(3) flats.
Owner.....Maria Salvarezza, 3012½
Larkin, San Francisco.
Architect...None.
Contractor...Louis Bacigalupi, 1302½
Larkin, San Francisco.
COST, \$5600

(2003) NO. 2961 PACIFIC AVE. New
fireplace and install patent chimney.
Owner.....David Ribbero, Premises.
Architect...P. J. Joseph, 602 1st Na-
tional Bank Bldg., S. F.
Day's work. COST, \$400

(2004) E JASPER PLACE 113-9 S
Union. Three-story and basement
frame (3) flats.
Owner.....E. Ratto, Premises.
Architect...A. Travieso, 854 Union,
San Francisco.
Day's work. COST, \$3750

(2005) SE TWENTY-FOURTH AVE &
West Clay. Two-story basement and
attic frame residence.
Owner.....S. A. Born Bldg. Co., 660
Market, San Francisco.
Architect...Havens & Toepke, 46
Kearny, San Francisco.
Day's work. COST, \$12,000

(2006) S JERSEY 114 E Church. Two
story and basement frame (2) flats.
Owner.....E. P. and Emma Norman,
3841 24th, San Francisco.
Architect...None.
Contractor...J. T. McInnis, 1034 Noe,
San Francisco.
COST, \$4500

(2007) NE BOSWORTH & LIPPARD
NE 100xSE 25. All work for one-
story frame store and living rooms.
Owner.....A. M. and Annie Kelly.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Contractor...O. E. Evans, 2367 Mission,
San Francisco.
Filed May 28, '13. Dated May 20, '13.
Rafters on\$400
Brown coated 400
Completed and accepted..... 400
Usual 35 days..... 400
Balance \$1100 in monthly install-
ments of \$10.55 or more per
month, 7% interest
TOTAL COST, \$2700
Bond, none. Limit, 75 days. Forfeit,
\$1. Plans and specifications filed.

(2008) N FOURTH AND JESSIE NE
81-9xNW 155. Grading, concrete,
brick, painting, plaster, carpenter,
glazing, tinning, roofing, plumbing,
heating and electric work for one-
story store building.
Owner.....Investors' Realty Co.
Architect...Frederick H. Meyer,
Bankers' Invst. Bldg., S. F.
Contractor...Ward & Goodwin, 981
Guerrero, San Francisco.
Filed May 28, '13. Dated May 26, '13.
Payments on 1st of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$21,000
Bond, \$10,500. Sureties P. F. Reilly &

Julian Goodwin. Limit, 70 days. Forfeited, none. Plans and specifications filed.

(2009) E CHURCH 51 N 27th N 25xE 95. All work for three-story frame store and flats.

Owner.....Otto A. Busse, 784 Clementina, San Francisco.

Architect...None.

Contractor..Elmar Petersen, 3530 23rd, San Francisco.

Filed May 28, '13. Dated May 24, '13.

Roof on	\$1700
Brown coated	1700
Completed	1700
Usual 35 days.....	1725

TOTAL COST, \$6825

Bond, none. Limit, 90 days. Forfeited, none. Plans and specifications filed.

(2010) SE TAYLOR AND GEARY E 87-6XS 137-6. Foundation walls, footings and pits, oil tank, retaining walls on Geary and Taylor streets and dampproofing, resetting of old curb, etc., for Class "A" concrete hotel building.

Owner.....Cliff Estate Co., 1st Nat'l Bank Bldg., by P. J. Walker Co., Monadnock Bldg., San Francisco.

Architect...G. A. Applegarth, Call Bldg., San Francisco.

Contractor..H. L. Petersen, 62 Post, San Francisco.

Filed May 28, '13. Dated May 27, '13.

Payments semi-monthly of....	75%
Usual 35 days.....	25%

TOTAL COST, \$10,367

Bond, \$5184. Surety, New England Casualty Co. Limit, July 19. Forfeited, \$100. Plans and specifications filed.

(2011) W STOCKTON 90 S Broadway S 25xW 80. All work except gas and electric fixtures, hardware, bake oven and shades for three-story and basement reinforced concrete Class "C" stores and flats.

Owner.....Louise Neppert, 2862 Howard, San Francisco.

Architect...Edward A. Schumacher & William Mooser, Nevada Bank Bldg., S. F.

Contractor..Mager Bros., 110 Jessie, San Francisco.

Filed May 28, '13. Dated May 27, '13.

2nd floor joists set.....	\$2560
Roof on	2560
Interior plaster completed.....	2560
Completed and accepted.....	2556
Usual 35 days.....	3414

TOTAL COST, \$13,650

Bond, \$6825. Sureties, D. B. Macdonald and Elmo Collins. Limit, 120 days from filing. Forfeited, \$5. Plans and specifications filed.

(2012) NO. 567 THIRTY-FOURTH AVE Minor additions to dwelling.

Owner.....R. Kallioch, 165 Parker Ave., San Francisco.

Architect...None.

Day's work. COST, \$400

(2013) W NINTH AVE 100 S Cabrillo. Two-story and basement frame flats.

Owner.....C. C. Rushton, 714 9th Ave., San Francisco.

Architect...None.

Contractor..C. C. Rushton, 714 9th Ave., San Francisco.

COST, \$5000

(2014) W NINTH AVE 125 S Cabrillo. Two-story and basement frame flats.

Owner.....C. C. Rushton, 714 9th Ave., San Francisco.

Architect...None.

Contractor..C. C. Rushton, 714 9th Ave., San Francisco.

COST, \$5000

(2015) E ARKANSAS 175 N Mariposa. Two-story and basement frame dwlg.

Owner.....Carlo Novello, 149 Arkansas, San Francisco.

Architect...None.

Day's work. COST, \$500

(2016) NO. 215 DETROIT. Repair front.

Owner.....M. Devecka, Premises.

Architect...None.

Contractor..Frank Savasky, 225 Detroit San Francisco.

COST, \$500

(2017) NO. 852 CLAYTON. Garage in basement.

Owner.....H. Hanson, Premises.

Architect...None.

Contractor..J. Harold Johnson, 732 9th Ave., San Francisco.

COST, \$400

(2018) NO. 1027 DEHARO. Move, repair and alter dwelling.

Owner.....Wm. Losquutoff, Premises.

Architect...None.

Day's work. COST, \$1000

(2019) W GATES 25 N Powhattan. One-story and basement frame dwlg.

Owner.....L. A. Dechaine, 260 Moultrie, San Francisco.

Architect...None.

Day's work. COST, \$800

(2020) W NINTH AVE 100 N Clement. Two-story and basement frame residence.

Owner.....E. Ginley, 131 5th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$3000

(2021) W NINTH AVE 125 N Clement. Two-story and basement frame residence.

Owner.....E. Ginley, 131 5th Ave., San Francisco.

Architect...E. E. Young, 251 Kearny, San Francisco.

Day's work. COST, \$3000

(2022) SE PACIFIC & MONTGOMERY E 35 S 23-3 E 33-9 S 20-3 W 68-9 N 43-6. All work for alterations and addition to Class "C" building.

Owner.....Cora M. Pissis.

Architect...None.

Contractor..Chas. Wright, 25 Stockton, San Francisco.

Filed May 29, '13. Dated May 28, '13.

Brick completed	1/2
Usual 35 days.....	Balance

TOTAL COST, \$4164

Bond, none. Limit, 60 days. Forfeited, none. Plans and specifications filed.

(2023) W TWENTY-FIRST AVE 150 S Geary S 25xW 120 OL 263. All work for two-story frame residence.

Owner.....Jeanette Yates.

Architect...Martin A. Schmidlin, Lick Bldg., San Francisco.

Contractor..Wm. F. Yates, Lick Bldg., San Francisco.

Filed May 29, '13. Dated May 25, '13.

Ready for roofing.....	\$750
Brown coated	750
Completed	750
Usual 35 days.....	750

TOTAL COST, \$3000

Bond, none. Limit, 90 days after May 27. Forfeited, none. Plans and specifications, none.

(2024) LOT 9 BLK '1 St. Francis Wood. All work for Class "C" frame and plaster residence.

Owner.....Westgate Park Company.

Architect...L. C. Mullgardt, Chronicle Bldg., San Francisco.

Contractor..O. C. Hilt, 369 14th Ave., San Francisco.

Filed May 29, '13. Dated May 26, '13.

Frame completed	1/4
Brown coated	1/4
Completed and accepted.....	1/4
36 days after.....	1/4

TOTAL COST, \$7791.50

Bond, \$3900. Sureties, H. P. Otten and Oscar W. Thunberg. Limit, 80 days.

Forfeited, none. Plans and specifications filed.

(2025) EXPOSITION SITE. Plumbing, sewers, water and gas pipes for Liberal Arts Building.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...Bliss & Faville, Balboa Bldg., San Francisco.

Contractor..Frederick W. Snook Co., 596 Clay, San Francisco.

Filed May 29, '13. Dated May 19, '13.

As work progresses.....	75%
Usual 35 days.....	Balance

TOTAL COST, \$18,486

Bond, \$10,000. Surety, Aetna Accident & Liability Co. Limit, 200 days from notification. Forfeited, \$10. Plans and specifications filed.

(2026) ALL WORK FOR CONSTRUCTION of Liberal Arts Building.

Contractor..Reese & Rountree, 221 Sansome, San Francisco.

Filed May 29, '13. Dated May 27, '13.

Payments same as above.....

TOTAL COST, \$222,580

Bond, \$120,000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 200 days.

Forfeited, \$100. Plans and specifications filed.

(2027) NW KING 220-9 SW Second SW 120xNW 130. Brick work and iron work, etc., for three-story Class "C" brick building.

Owner.....Warehouse Investment Co., 62 Pine, San Francisco.

Engineer...A. E. Hornlein, Pacific Bid San Francisco.

Contractor..Andersen & Rainey.

Filed May 29, '13. Dated May 24, '13.

1st floor up to bottom of 2d floor	25%
2d and 3d floors completed.....	25%
All work finished.....	25%
Usual 35 days.....	25%

TOTAL COST, \$8750

Bond, \$4375. Sureties, Chas. Stockholm and Jos. J. Phillips. Limit, 20 days after commencement of brick work. Forfeited, none. Plans and specifications filed.

(2028) NO. 7330 SAN BRUNO. Raise dwelling, concrete foundation and underpin.

Owner.....Mrs. B. Howe, Premises.

Architect...None.

Contractor..Thos. Connolly, Premises.

COST, \$450

(2029) NO. 109 O'FARRELL. Electric sign.

Owner.....Wells Fargo Co., Premises.

Architect...None.

BUILDING AND INDUSTRIAL NEWS

Contractor...Novelty Elec. Sign Co., 165 Eddy, San Francisco.

COST, \$400

(2030) N BRUNSWICK 100 E Lowell.
One-story and basement frame dwlg.
Owner.....Peter Luitze.
Architect...None.
Contractor...J. F. Reids, 1436 Mission, San Francisco.

COST, \$600

(2031) NO. 1731 FILLMORE. Erect awning.
Owner.....J. W. Treadwell, Premises.
Architect...None.
Contractor...Novelty Elec Sign Co., 165 Eddy, San Francisco.

COST, \$500

(2032) SW LOMBARD AND VAN Ness Ave. Erect bill board.
Owner.....Hannah McDonald.
Architect...None.
Contractor...J. Chas. Green Co., 273 Valencia, S. F.

COST, \$400

(2033) E DELANO 125 S San Juan.
One-story basement frame dwelling.
Owner.....W. Rogers, 3515½ 16th, San Francisco.
Architect...None.
Day's work.

COST, \$1500

(2034) W TWENTY-FIRST AVE 200 S Taraval. Two-story and basement frame residence.
Owner.....Parkside Home Bldg. Co., 405 Crocker Bldg., S. F.
Architect...Jos. M. Geary, 23rd and Folsom, San Francisco.
Day's work.

COST, \$4000

(2035) E PRAGUE 456 S Russia.
One-story and basement dwelling.
Owner.....C. H. Taylor, 20½ College Ave., San Francisco.
Architect...None.
Contractor...P. H. McKinna, 105 Russia Ave., San Francisco.

COST, \$1500

(2036) N LONDON 200 W Excelsior.
One-story and basement frame dwlg.
Owner.....W. P. Smith, 109 Brazil Ave., San Francisco.
Architect...Grant Smith, 234 London, San Francisco.
Day's work.

COST, \$1400

(2037) NE CALIFORNIA & MASON. Erect marquee.
Owner.....Theresa Alice Olerichs, New York.
Architect...W. H. Jackson, New York.
Contractor...W. H. Jackson, New York.

COST, \$6500

(2038) NO. 225 FIRST. Enclose present building with brick walls, and reinforced roof trusses.
Owner.....Geo. A. Batchelder, 1st National Bank Bldg., S. F.
Architect...John Ralston Hamilton, Kohl Bldg., San Francisco.
Day's work.

COST, \$2000

(2039) NO. 59 GRANT AVE. Repairs and alterations to candy store.
Owner.....O'Brien & Loser.
Architect...Earle Bertz, 68 Post, S. F.
Contractor...J. Brauch, 1080 Sanchez, San Francisco.

COST, \$4300

(2040) NO. 2140 LOMBARD (rear). Two-story brick stable.

Owner.....E. Rolkin, Argonaut Hotel, San Francisco.

Architect...None.

Day's work. COST, \$3000

(2041) SE EIGHTEENTH AND COLLINGWOOD 50x75. All work for two-story frame stores and apartments.
Owner.....Dr. L. A. Gautier, 491 Castro, San Francisco.

Architect...Plans by Contractor.
Contractor...E. A. F. Carson, 4323 19th, San Francisco.

Filed May 31, '13. Dated May 31, '13.
Frame up\$2843.75
Brown coated2843.75
Completed and accepted.....2843.75
Usual 35 days2843.75
TOTAL COST, \$11,375.00

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(2042) N PACIFIC 45-5 W Hyde 23x 87-6. All work for three-story frame building (3 6-room flats.)
Owner.....Silvio Perasso.

Architect...Chas. M. & Arthur F. Rousseau, Monadnock Bldg San Francisco.
Contractor...Christiansen & Smith, 331 Hugo, San Francisco.

Filed May 31, 13. Dated April 15, '13.
Roof on\$2237.50
Brown coated2237.50
Completed and accepted.....2237.50
Usual 35 days2237.50
TOTAL COST, \$8950.00

Bond, none. Limit, 90 days from receiving permit. Forfeit, none. Plans and specifications filed.

NOTICE OF NON-LIABILITY.

May 28, 1913—NW VAN NESS AVE and Geary N 275 W 190 S 100 E 32-6 S 175 E 157-6. S F Ladies' Protection & Relief Society as to improvements on leased property....

NOTICE OF NON-RESPONSIBILITY.

May 26, 1913—W TAYLOR 72-6 N Clay N 65 W 165 S 70 E 45 N 5 E 120. Frederick W Kern as to improvements on leased property....

NOTICE OF NON-RESPONSIBILITY.

May 29, 1913—NE ELEVENTH 200 SE Market SE 100 NE 205 NW 105 SW 67-6 SE 3 SW 137-6. Sarah J Knox as to improvements on leased property....

PERMITS ISSUED FROM MAY 16TH TO MAY 23RD, INCLUSIVE.

Class	No. of Bldgs.	Amount
Class "A"	1	\$ 23,700
Class "B"	1	45,000
Class "C"	5	149,335
Frames	56	211,150
Alterations	76	47,352
Total	139	\$477,137

COMPLETION NOTICES.

San Francisco.

May 1, 1913—W TENTH AVE 50 S California. O E Anderson to whom it may concern.....Completed —
May 1, 1913—SE GEARY & POLK E 53-9xS 120. Jas P Sweeney to Ruegg Bros.....April 18, 1913
May 1, 1913—N GEARY 82-6 W Polk W 27-6xN 120. Gustave Lochman to Ruegg Bros.....April 23, 1913

May 1, 1913—SW SAN BRUNO AVE 63 NW Silliman NW 32xSW 120 ptn Bk 1 University Md. Adeline D DeNell Williams, Dora C Meherin, Jos Cereghino and Erminia Lercari to Michael Brueck.....April 26, 1913
May 1, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Invest Co to Forerder Cornice Co.....April 30, '13
April 30, 1913—S MISSION 277-8 E 5th E 53-7xS 160. W J Somers Co to G F W Jensen.....April 28, 1913
May 2, 1913—W TWENTY-FIFTH AV 316 N Lake N 26xW 120. Peter Koecelj to whom it may concern.....April 30, 1913
May 2, 1913—N BAY, bet Leavenworth and Hyde 25 ft. front N 137-6 xE 25. Chris Hansen to Kelly C Gardener.....May 2, 1913
May 2, 1913—BLK. BBED BY ARMY, Valencia, Duncan and San Jose Ave St. Luke's Hospital to J E O'Mara.....Completed —
May 2, 1913—N FILBERT 137-6 W Scott W 41-3x193. Frank Anrysto A H Wilhelm.....April 29, 1913
May 2, 1913—S PACIFIC AVE 137-6 W Laurel W 35x100. Mabel H Beedy to Collman & Collman.....April 28, 1913
May 2, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8¼. A B Spreckels to C C Morehouse.....April 21, 1913
May 3, 1913—E TWELFTH AVE 100 S Anza — 25 E 120 N 25 W 120. Alfred T Morris to whom it may concern.....May 3, 1913
May 3, 1913—W SEVENTEENTH AV 196-1 S California S 25xW 120. Thomas Hamill to whom it may concern.....May 3, 1913
May 3, 1913—W SEVENTEENTH AV 221-1 S California S 25xW 120. Thomas Hamill to whom it may concern.....May 3, 1913
May 3, 1913—S TWENTY-THIRD 53-4½ W York W 46-7¼xS 104. Ferro Bros to A De Benedetti and G Cuneo.....May 3, 1913
May 3, 1913—E RAMONA AVE 55 S 14th S 35xSE 75. Heinrich Oellerich to John J Binet Co.....May 3, 1913
May 5, 1913—SE MARKET & ECKER S 155xSE 100. Crocker Estate Co to Peterson, Nelson & Co.....May 1, 1913
May 5, 1913—S WINFIELD AVE 50 W Esmeralda W 25xS 70. Otto and Sophia Reed to whom it may concern.....May 2, 1913
May 5, 1913—SW CALIFORNIA AND Leidesdorff site of (The Merchants' Exchange Bldg.). The Insurance Exchange Inc to Markle & Roberts.....May 5, 1913
May 5, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8¼. A B Spreckels to Eri H Richardson.....April 21, 1913
May 5, 1913—NW ELLINGTON AVE (Porter Ave) 107-4 NE Farragut Ave NE 26xNW 103-6 Lot 8 Bk 18 West End Map No. 2. Henry Lyon to whom it may concern.....May 2, 1913
May 5, 1913—NE JORDAN AVE AND Geary N 100xSE 60. F F Ralston to F F Ralston.....May 5, 1913
May 6, 1913—W TWENTY-FOURTH AVE 200 S Lake S 26xW 120. E C White to C O Bradhoff.....May 1, 1913
May 6, 1913—W CHENERY, Lot 31 Bk "A" Glen Park Terrace. Margaret E Rogers to Michael Brueck.....April 30, 1913
May 6, 1913—W STONE 57-6 N Washington N 20xW 60. Chong Hoy to Brandt & Stevens.....May 3, 1913
May 6, 1913—W NINETEENTH AVE 300 E Point Lobos Ave S 25xW 120.



NEW HOME ABOUT TO BE ERECTED FOR ST. JOSEPH'S HOSPITAL
Stockton, Cal.

Walter King, Architect
Stockton, Cal.



G. M. ANDERSON THEATRE NOW UNDER CONSTRUCTION
San Francisco

O'Brien & Werner, Architects
San Francisco

- August O H Schlundt to F A McCausland and W R Rea... May 6, 1913
- May 6, 1913—NE TURK & FILLMORE N 275 E 130 S 85-6 W 55-6 S 104 E 58-6 S 85-6 W 130. Realy & Rebuilding Co to Macdonald & Kahn and Selby Grading & Teaming Co..... May 5, 1913
- May 6, 1913—N EUCLID AVE (Richmond Ave) 95 W Jordan Ave 50 xN 100. Chas P Cutten to Wetzel & Grass..... April 29, 1913
- May 2, 1913—SW TWELFTH 262-6 NW Folsom NW 20 SW 140 NW 95 SW 135 SE 170 NE 135 NW 55 SE 140. La Grande Laundry Co to Butte Eng & Elec Co... April 24, 1913
- May 7, 1913—SW POWELL AND Sutter W 100 S 75 E 100-0 1/4 N 76-10. York Realty Co to James S Fennell, April 21; Foster Vogt Co..... May 6, 1913
- May 7, 1913—S BRYANT & ZOE SW 125xE 160. Shreve & Co to John McGulgan, April 30; Healy Tibbitts Constr Company..... April 30, 1913
- May 7, 1913—NW HARRISON 145 NE Eighth 10 40xNW 80. Earl K Colley to Boyd & Kerr... May 6, 1913
- May 7, 1913—BUSH NO. 1465 S line 109 E Van Ness Ave. Geo H Woodward to McWhirter & Drake..... May 3, 1913
- May 7, 1913—E TWELFTH AVE 250 S Anza. A R Lapham to whom it may concern..... April 24, 1913
- May 7, 1913—N SUTTER 122-9 W Sansome W along W Sutter 122-3x N 137-6. Chas Holbrook to W W Montague & Co..... May 6, 1913
- May 7, 1913—W MEACHAM PLACE 74-6 S Post S 62-6xW 56. Pacific Gas & Elec Co to N B Yulille..... May 2, 1913
- May 7, 1913—W MEACHAM PLACE 74-6 S Post W 56xS 40. Pacific Gas & Elec Co to Dyer Bros Golden West Iron Works, Inc... May 1, 1913
- May 7, 1913—E SANCHEZ 24 S Hill E 76-5xS 90. John T Miller to Kenneth McLeod..... May 6, 1913
- May 7, 1913—LOT 15 BLK "N" Mission Terrace. E J Perl to Edw M McGlynn..... Feb. 1, 1913
- May 7, 1913—NE NINTH 250 NW Folsom NW 25xE 75. E V Lacey to Ratto & Giannini..... May 5, 1913
- May 7, 1913—E TWENTY-FOURTH Ave 195 N Lake N 35xE 90; Lot 20 West Clay Park. Rose and Henry Mauser to O B Arthur... May 3, 1913
- May 8, 1913—E TENTH AVE 75 S Lawton (L) S 25xE 95. Emil Nelson to whom it may concern... May 3, 1913
- May 8, 1913—LOT 50 Gift Map No. 2. Karl Eli Haglund to whom it may concern..... May 8, 1913
- May 8, 1913—W HYDE 112-6 N California N 25xW 112-6. Badge J Wymann to whom it may concern..... May 8, 1913
- May 9, 1913—NW BUSH & SANSOME N 137-6xW 67-6. The Standard Oil Co to Forderer Cornice Works..... May 8, 1913
- May 9, 1913—SE MARKET & ECKER S 155xE 100. Crocker Estate Co to Waterhouse & Price Co... May 7, 1913
- May 9, 1913—BLK BDED BY ARMY, Valencia, Duncan and San Jose Ave. St. Luke's Hospital to Alex Haas..... May 8, 1913
- May 9, 1913—S FOLSOM at Intersection of 11th S 235 E to Juniper N 175 W 10 N 66 W 20 N 84 W 100. The Jackson Brewing Co to Vulcan Iron Works, May 1; Kaufman & Edwards..... May 6, 1913
- May 9, 1913—N COLE 178 S Carmel S 25xW 100. A R Larson to whom it may concern..... May 9, 1913
- May 9, 1913—S NINETEENTH running from Harrison to Treat Ave. American Can Co to The Clinton Fireproofing Co and Murray & Mombay..... May 7, 1913
- May 9, 1913—N FILBERT 137-6 W Scott W 41-3x a uniform depth 193. Frank Anrys to F E Kara... May 7, 1913
- May 10, 1913—N GEARY 137-6 W Mason N 137-6xW 68-9. Eva and George Metcalfe to Mutual Construction Co..... May 1, 1913
- May 10, 1913—NW MONTGOMERY & Clay N 68-9xW 75, Lot 6 Blk 69. Behlow Estate Co to The Mutual Construction Co..... May 10, 1913
- May 10, 1913—N LOMBARD, bet Polk and Larkin; No. 1246-1248 Lombard F A Nutter to Marvin G Lemons..... May 6, 1913
- May 10, 1913—S TEHAMA 73 W 5th W 27 S 80 E 25 N 25 E 2 feet N 55. G De Paoll to Segursion Bros..... April 19, 1913
- May 10, 1913—NW PACIFIC & JONES W 38-6xN 60. Jas F W McEvoy to whom it may concern... May 1, 1913
- May 10, 1913—SE MARKET & ECKER Crocker Estate Co to George MacGruer..... May 9, 1913
- May 10, 1913—N SIXTEENTH, bet Rhode Island and De Haro. The West Coast Iron Co to Dyer Bros, May 7, 1913; The Iron & Steel Construction Co..... May 7, 1913
- May 12, 1913—NE LAGUNA & FELL N 120xE 27-6; Katharina Selpel to Ruegg Bros..... May 12, 1913
- May 12, 1913—NE SEVENTEENTH & Hampshire E 200xN 133-4. Lux School of Industrial Training or The Lux School of Industrial Training to Continental Fireproofing Co..... May 10, 1913
- May 12, 1913—NE WASHINGTON & Octavia E 137-6xN 127-8 1/4. A B Spreckels to Munich Art Glass Co..... May 8, 1913
- May 12, 1913—E NINETEENTH AVE 114-9 S Ulloa S 25xE 120. Bernard Wurthman to whom it may concern..... May 10, 1913
- May 12, 1913—E LOCUST 100 S Clay S 27-8 1/4xE 100. Rebecca Weinberg to Chas J U Koenig... May 8, 1913
- May 13, 1913—N SUTTER 122-9 W Sansome W 122-3xN 137-6. Charles Holbrook to Rulofson Metal Window Works..... May 10, 1913
- May 13, 1913—E VAN NESS AVE 31 S Bush S 40 E 84 S 49 E 25 N 120 W 25 S 31 W 84. Susan C Palmer to J W Carr..... May 8, 1913
- May 13, 1913—McALLISTER NO. 878. B Langendorf to Wm Martin..... May 12, 1913
- May 13, 1913—E FRANT 68-9 S Sacramento E 97-6xS 22-11. Catherine C Dunn by agent P J Walker Co to Healy-Tibbitts Constr Co... May 12, 1913
- May 13, 1913—N BUSH 147-6 E Gough E 60xN 120. Mary Heinmann and Alice Marx to Frank F and Fred G Kronnick..... May 13, 1913
- May 13, 1913—LOT 26 BLK "H" Mission Terrace. Wm and Francis Smith, William C and Catherine Mary Gilmore to whom it may concern..... May 8, 1913
- May 14, 1913—E SEVENTEENTH Ave 75 N Anza (A) N 25xE 90. Thomas M Jones to Thomas M Jones..... May 14, 1913
- May 14, 1913—N NINETEENTH 50 E San Bruno Ave 25x75. Gulseppe Cavaglieri to whom it may concern..... May 13, 1913
- May 14, 1913—W OTSEGO AVE 50 S Santa Ysabel Ave th 25 W 125 N 25 E 125. A A Ve endunk to whom it may concern..... May 12, 1913
- May 14, 1913—N NINETEENTH 25 E San Bruno Ave 25x75. Gulseppe Cavaglieri to whom it may concern..... May 13, 1913
- May 14, 1913—N NINETEENTH 75 E San Bruno Ave 25x75. Gulseppe Cavaglieri to whom it may concern..... May 13, 1913
- May 14, 1913—N SACKENTO 225 E Drumm N 119-6xE 50. Union Pacific Salt Co to A M Wallen..... Completed
- May 15, 1913—NE STEUART 45-10 SE Mission SE 45-10xE 137-6. Jas B Duggan and W J Yore to whom it may concern..... May 15, 1913
- May 15, 1913—N GREEN 100-10 W Scott W 27-5 1/4 N 137-6 E 30-5 1/4 S 37-6 E 7 S 100. John W Van Bergen to J Harold Johnson..... May 15, 1913
- May 15, 1913—W WORTH 195 N 22nd N 48xW 125 Lot 5 Blk 5 Noe Garden Hd Un. Andrew V and Sophie Anderson to whom it may concern..... May 12, 1913
- May 15, 1913—S DUNCAN 165 W Guerrero W 25xS 114. M Muller to whom it may concern... May 15, 1913
- May 15, 1913—W NINETEENTH AVE 127-6 S Lake S 27-6xW 120. Frederick D Boese to whom it may concern..... May 14, 1913
- May 15, 1913—N TWENTY THIRD 163 W Castro W 150xN 114. Wm F Altwater and Thomas Tibbett to whom it may concern... May 14, 1913
- May 15, 1913—S RIVERA 100 E 18th Ave E 25x120-2. Catherine V C Scott to whom it may concern..... May 8, 1913
- May 16, 1913—SW LEAVENWORTH and Francisco S 82-6xW 68-9. Amadeus G Langenberger to Percy M Lanford..... May 16, 1913
- May 16, 1913—SE POST & JONES S 60xE 70-6. Niels Larsen to Central Iron Works..... May 15, 1913
- May 15, 1913—N FILBERT 132-6 E Jones 20x60. Catherine Casassa to A Sarraile..... May 14, 1913
- May 16, 1913—E DIAMOND 172-6 (173-6) N 21st N 25xE 100. Bay Cities Home Bldg Co to whom it may concern..... May 16, 1913
- May 16, 1913—E DIAMOND 122-6 N 21st N 25xE 100. Bay Cities Home Bldg Co to whom it may concern..... May 10, 1913
- May 16, 1913—E DIAMOND 146 N 21st N 25xE 100. Bay Cities Home Bldg Co to whom it may concern..... May 10, 1913
- May 16, 1913—E DIAMOND 172-6 (173-6) N 21st N 25xE 100. Bay Cities Home Bldg Co to whom it may concern..... May 10, 1913
- May 16, 1913—SW LAKE AND 16th Ave N 100xW 57-6. Adelaide Brown to R L Turner... May 9, 1913
- May 16, 1913—S VALLEJO 137-6 E Scott S 32-6x75. Mary H Cunningham to Harry C Warwick..... May 16, 1913
- May 17, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Flinn & Treacy..... May 13, 1913
- May 17, 1913—S SIXTH 50 SE Stevenson SE 25x75. Elizabeth R Lillis to Continental Foreproofing Co..... May 15, 1913
- May 17, 1913—N TWENTY-SIXTH 135 E Noe 25x114. Ralph J Button to whom it may concern... May 17, 1913
- May 17, 1913—W KEARNY 73-6 N Post N 65xW 107-11. Ella F Young Tr Est Wm W Young, decd to

BUILDING AND INDUSTRIAL NEWS

- Robert Frost.....May 14, 1913
 May 17, 1913—W SIXTEENTH AVE
 278-11 N Clement N 25xW 120.
 Alfred Johnson & Jacob Welsheim
 to whom it may concern..May 15, 1913
 May 17, 1913—NW MISSION 814 SW
 Geneva Ave NW 100 SW 25 SE 100
 m or l NE 25 m or l ptn Blk 4
 West End Map No. 1. Carlo Varni
 to Joseph Perasso & Gaetano
 Moretton.....May 7, 1913
 May 17, 1913—N LIBERTY 80 E
 Church E 25xN 114. Caspar Hex-
 berg to whom it may concern.....
 May 17, 1913
 May 19, 1913—COR BALBOA AND
 Great Highway (Ocean Beach
 Pavilion) Maurice Rosenthal to
 H Vowinkel.....Completed
 May 19, 1913—BLK BDED BY ARMY,
 Valencia, Duncan and San Jose
 Ave St. Lukes Hospital to Farrell
 & Reed.....May 17, 1913
 May 19, 1913—N SUSSEX 200 W Swiss
 23x100. Fred Warden to Fred War-
 den.....May 14, 1913
 May 19, 1913—SE MARKET AND
 Ecker S 155x E 100. Crocker Estate
 Co to Chas H Hock.....May 17, 1913
 May 19, 1913—S BUSH 109 E Van
 Ness Ave; No. 1465. Geo H Wood-
 ward to Frasier & Frasier.....
 May 17, 1913
 May 20, 1913—N TWENTY-FOURTH
 250 W Douglas 35-25x114. Pearl
 A and Wm C Heath to Jno S Pur-
 cell.....May 19, 1913
 May 20, 1913—E HYDE 97-6 S Geary
 40x68-6. No. 534 Hyde. David L
 and Charlotte V Reynolds to J B
 Reite.....May 17, 1913
 May 20, 1913—NW NAPLES 150 SW
 France Ave SW 25xNW 100 Ptn Lot
 7 Blk 43 Excl Hd. Wm S Ulmer
 to Stephenson & Parry..May 16, 1913
 May 20, 1913—N PAGE 175 W Pierce
 Anne C Toft to Oscar W Thunberg
 and Frank Thompson..May 17, 1913
 May 20, 1913—S BRYANT & ZOE SW
 125xSE 160. Shreve & Co to Otis
 Elevator, May 15; Herman Safe Co.
May 14, 1913
 May 20, 1913—S PACIFIC AVE 137-6
 W Laurel W 35 S 35 N 100. Mabel
 H Beedy to J Looney Co..May 14, 1913
 May 20, 1913—E NINETEENTH AVE
 125 S Anza S 25x E 120. I J W Bel-
 den to Orrin Knox.....May 19, 1913
 May 20, 1913—NW NINETEENTH
 Ave and Judah (J) N 47-24xW
 120. The S F Church Extension
 Society of the M E Church to J
 T Johnson and J E Eranagh and
 T A Cuthbertson.....May 19, 1913
 May 20, 1913—SE VAN NESS AVE &
 Sutter S 120x E 177-6. H H Grif-
 fith, Philip and Paul Bancroft to
 Neil A McLean.....May 20, 1913
 May 20, 1913—E VARENNES 57-6 N
 Union 20x57-6. Antonio Torrano
 and Guseppe Luggiero to F C
 Amoroso.....May 20, 1913
 May 21, 1913—E TWENTY-SIXTH
 Ave 300 S Geary S 50x E 140. John
 Gray to whom it may concern.....
 May 21, 1913
 May 21, 1913—SE HOWARD 135 W
 Third. Jas P Sweeney to Bishop
 & Duarte.....May 20, 1913
 May 21, 1913—E NOE 57 N Duncan
 N 57x E 55. Knut Anderson to
 whom it may concern.....May 17, 1913
 May 21, 1913—N BUCHANAN 76 S
 Jackson W 80xS 26. Lena Marx to
 Chas King & Co.....May 21, 1913
 May 21, 1913—NE MISSION AND 4TH
 N 80x E 80. Voorman Co to Henry
 Gervais, May 17; Charles Floodberg
 and Hugh McCaffery....May 21, 1913
 May 21, 1913—W WOOL 300 N Eu-
 genia Ave. Martinus Andersen to
 whom it may concern.....May 20, 1913
 May 22, 1913—NW CLAY & MONT-
 gomery N 68-9xW 75. Behlow Est
 Co to Victor Eng Co.....May 16, 1913
 May 22, 1913—SW MARKET & NINTH
 Ellanor H and Marguerite Doe to
 California Concrete Co.....May 17, 1913
 May 22, 1913—W FIFTEENTH AVE
 250 S Irving W 127-6xS 25. E H
 Hildebrand and A Lettich to E C
 Stroth.....May 22, 1913
 May 22, 1913—NE POPE 311 NW
 Morse NW 30 NE 99 m or l SE 30
 SW 199 m or l. J F and Mand
 Ethelyn Spitz to Alert Bldg Co.
May 15, 1913
 May 23, 1913—N GEARY 110 W Polk
 W 27-6xN 120. S Gustave Lach-
 man to Ruegg Bros.....May 19, 1913
 May 23, 1913—N FILBERT 90 E Oc-
 tavia E 30xN 111. T Venturi to
 Paul Demartini.....May 21, 1913
 May 23, 1913—NE LAGUNA AND
 Cedar Ave N 50-6x E 25-5. A F and
 Alice M Schuppert to R Fahy....
May 21, 1913
 May 23, 1913—W PIERCE 100 N
 Lombard N 25xW 110. Maria Sar-
 torio to Vittorio Pera.....May 22, 1913
 May 23, 1913—E BY SCOTT, N BY N
 Lewis W by E Broderick on S by S
 Tonquin Panama-Pacific Inter-
 national Exposition Co to Mercer
 Fraser Co.....May 21, 1913
 May 23, 1913—W LARKIN 127-84
 N Jackson N 25xW 100. Edw Lun-
 stedt to Frank J Kilmm and Geo
 W Boxton.....May 22, 1913
 May 23, 1913—LOT 20 BLK "A" Mis-
 sion Terrace. R H Banning to
 whom it may concern..May 23, 1913
 May 23, 1913—S MARKET & BRADY
 SW 75xSE 124. Sierra Invest Co
 to Joost Bros.....May 22, 1913
 May 23, 1913—NW FRONT & MER-
 chant 60x65-9. Nettie Delmas Le
 Franc or Nelly Delmas Lefranc,
 minor to B T Owsley (2 comple-
 tions).....May 21, 1913
 May 23, 1913—S MARKET & BRADY
 SW 75xSE 124. Sierra Investment
 Co to Marshall & Sterna Co.....
May 15, 1913
 May 24, 1913—W TWELFTH AVE
 275 S Lake 25x120. Marietta Dyar
 to P Tyler.....May 24, 1913
 May 24, 1913—SE PRECITA AVE 50
 SW York SW 25xSE 100; Lot 7 Rey
 & Plumbes Sub Lots 223 to 231 P V
 Lands. Alfred and Anne Holm to
 whom it may concern.....May 17, 1913
 May 24, 1913—SE CALIFORNIA AND
 Leidesdorff fronting N on Califor-
 nia and at rear end 107-6, extend-
 ing E and W 137-6. The Insurance
 Exchange Inc to Clinton Fireproof-
 ing Co.....May 22, 1913
 May 24, 1913—N BUSH 88-6 E Jones.
 E L Hueter to S F Elevator Co.
May 24, 1913
 May 26, 1913—N SUTTER 122-9 W
 Sansome W 122-3xN 137-6. Chas
 Holbrook to American Marble &
 Mosaic Co.....May 26, 1913
 May 26, 1913—W TWENTY-FIRST
 Ave 250 S Anza S 25xW 121. Alic
 F and Walter J Andrews to Wm F
 Yates.....May 22, 1913
 May 26, 1913—N FULTON 110 W
 Franklin W 27-6xN 120. Louis S
 Haas to Ratto & Giannini..May 24, '13
 May 26, 1913—S MARKET & BRADY
 SW 75xSE 124. Sierra Investment
 Co to Monarch Iron Wks..May 22, 1913
 May 26, 1913—N TWENTY-FOURTH
 155 W Noe W 25xN 114 (known as
 4026-4028-4030 24th St.) Chas and
 Minnie Coburn to whom it may
 concern.....May 26, 1913
 May 26, 1913—BLK BDED BY ARMY,
 Valencia, Duncan and San Jose Ave
 St. Lukes Hospital to John G
 Sutton Co.....May 26, 1913
 May 26, 1913—E TWELFTH AVE 125
 S Clement E 120xS 25. Thos E
 Bailey to Frank Pegel..May 16, 1913
 May 26, 1913—W LAIDLEY AND
 Harry NW 26-3 m or l SW 101-84
 SE 25 NE 110. Carl Jacobson to
 whom it may concern.....May 24, 1913
 May 26, 1913—SAGAMORE NO. 181.
 Capozzi to A A Sauer.....May 21, 1913
 May 27, 1913—E FIFTEENTH AVE
 th N along E 15th Ave 25 E 127-6
 S 25 W 127-6. H E Harris Jr and
 Eugene Simon to whom it may
 concern.....May 26, 1913
 May 27, 1913—W TWENTY-FIFTH
 Ave 200 N Anza N 25xW 100. Geo
 F Cleece to whom it may concern
May 24, 1913
 May 27, 1913—SE MISSION 352-4 NE
 Second NE 35-6 SE 50 SW 7 SE
 80 to a pt in NW Minna W 63-4
 NW 80 NE 24-10 NW 80. Mary N,
 Lucy H and Edith W Allayne to
 Henry L and Chas A Day (Thos
 H Day's Sons).....May 23, 1913
 May 27, 1913—N SUTTER 122-9 W
 Sansome N 122-3xN 137-6. Chas
 Holbrook to H Maundrell..May 28, '13
 May 27, 1913—N EIGHTEENTH 149-9
 E Guerrero N 100x E 25. A F and
 Alice M Schuppert to John Burns
May 26, 1913
 May 27, 1913—SE DAVIS & WASH-
 ington E 137-6xS 91-8. Mrs Sarah
 J Dorn to Hyde-Harjes & Co.,
 Western Iron Works, Pope & Tal-
 bot, R Glaze and Joseph Pasqua-
 lette.....May 26, 1913
 May 27, 1913—SE LAFAYETTE &
 Minna E 97-47 S 55 W 89-51 N 55.
 Jas B Duggan and Chas P Cain,
 extras Estate John Hammond, dec'd
 to Frank P Lansing.....May 26, 1913
 May 28, 1913—SW SIXTH 25 SE Mis-
 sion SE 60xSW 75. Edw H Mitchell
 to H J Perazzi.....May 20, 1913
 May 28, 1913—S CLEMENT, bet 2nd
 and 3rd Aves. John Kerwin to C
 H Smith & Co.....May 26, 1913
 May 28, 1913—SE MADRID 200 SW
 Russia Ave SW 25xSE 100 Lot 2 Blk
 39, Excl Hd. Annie C Anderson to
 whom it may concern.....May 20, 1913
 May 28, 1913—E TWENTIETH AVE
 163-S S Taraval S 33-4x E 120. Park-
 side Home Bldg Co to Parkside
 Home Bldg Co.....May 28, 1913
 May 28, 1913—S PACIFIC AVE 137-6
 W Laurel W 35xS 100. Mabel H
 Beedy to E P Norman.....May 20, 1913
 May 28, 1913—SW LEAVENWORTH
 and Greenwich W 171-104xS 137-6.
 Greenwich Terrace Household-
 Ass'n to Holm & Son.....May 16, 1913
 May 29, 1913—BLK BDED BY ARMY,
 Valencia, Duncan and San Jose
 Ave. St. Lukes Hospital to Joost
 Bros and Vincent J Donovan.....
May 28, 1913
 May 29, 1913—S CALIFORNIA 137-6
 W Hyde W 82xS 66. California St.
 Cable Railway Co to Ira W Coburn
 Inc.....May 13, 1913
 May 29, 1913—LOTS 2, 22, 23 Sub W
 1/4 Richmond Blk 295. Leonard T
 Lockman and Adolph Rosenshine to
 whom it may concern.....May 28, 1913
 May 29, 1913—W FIFTEENTH AVE
 75 S Anza S 25xW 90 Wm A K
 Jones to whom it may concern.....
May 29, 1913

May 29, 1913—S CLAY 131-9 W Larkin W 37-6x127-8 1/4. Metropolis Investment Co to whom it may concern May 29, 1913
 May 29, 1913—E LEAVENWORTH 24 S Union S 24x6 87-6. Victor Pucelloni to David Demartini. May 27, 1913
 May 29, 1913—N SEVENTEENTH 125-1 W Belvedere W 25-1 N 93-2 1/2 E 25 S 95-3 1/2. Alphonzo Harrington to whom it may concern. May 29, 1913
 May 31, 1913—NW WEBSTER AND Ivy Ave. Michael Rooney to William Linden May 29, 1913
 May 31, 1913—NW McALLISTER & Devisadero N 50xW 100. Theodor Dierks to Hetty Bros, May 31, 13; M Pearl, May 31, 13; A Davis, May 31, 13; W O Peterson. May 31, 1913

LIENS FILED.

San Francisco.

May 17, 1913—W GENESSEE 50 N Flood Ave N 25xW 100. J H Kruhs vs Otto A and R O Johnson.\$98.12
 May 19, 1913—W TWENTY-SIXTH Ave 225 N Judah N 50xW 120. Eureka Sash, Door & Moulding Mills vs Edgar G Getz and F A Klein\$446.89
 May 20, 1913—W SIXTEENTH AVE 300 N Clement N 25xW 120. J M Enyeart vs Alfred Johnson.\$18.20
 May 22, 1913—N O'FARRELL 137-6 E Stockton E 60xN 137-6. Haller-Cunningham Elec Co vs Harry J Moore Furniture Co, Harry J Moore-Johnson Cos, Dahlia Loeb and B F Hickerson\$71.85
 May 23, 1913—E FOLSON 185 S 22nd S 30x E 122-6. L C Cutts vs Joseph Welsh\$140
 May 23, 1913—NW SEVENTH AVE & Lake N 75xW 30. F G Norman & Rousseau Realty Co.\$20.89; J H Wickstrom, Sons, \$20.89; vs Edward Helms and ay 24, 1913—E PETERS AVE which line is fixed as follows: (S Fair Ave 149 SE Mission SW parallel with Mission 178); 78 SW Fair Ave SW 75xSE 77-8. Joseph Deasy vs J C Stromswold\$328
 ay 27, 1913—N ELIZABETH 230 W Noe N 114xW 25. F Grand and J R Finvaeg Co-partners vs Harry Caro.\$54.50
 ay 28, 1913—COMG AT A PT. ON Columbus Ave 33 1/2 NW fm intrn of Columbus Ave and N Vallejo N 111 1/2 E 7 1/2 N 13 E 22 1/2 S 13 E 68.9 S 137 1/2 W 75.3 NW 33 1/2. Fond Du Lac Church Furniture Co vs The Roman Catholic Archbishop of S F and California Seating Co.\$1124.68

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—2 story and base, frame, \$18,000. Oakland, Cal. Architect, J. Henry Boehringer, Delger Bldg., Oakland. Owner, Mrs. E. Remillard. Building will be erected on 22nd street between grove and Telegraph. It has been arranged to contain 13 suites of two rooms and bath each. Interior finish will be of pine, elm panel and hardwood floors. All suites will be equipped with wall beds. Bath rooms will have tile wainscot. Plans provide for steam heat and a hot water supply. The exterior of the building will be faced with veneer pressed brick. Sub-bids are now being taken

by Alfred Legault, who can be found at the site.

APARTMENT HOUSE—1 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Galen Howard, 602 Mission St., S. F. Owner's name withheld. This building will be erected at the corner of Euclid and Hearst avenues, and when completed will be one of the most modern and up-to-date apartment houses in Berkeley. Interior has been arranged for suites ranging from two to eight rooms and baths. Hardwood and pine will be used in interior finish with hardwood floors in the principal rooms. There will be steam heat, elevator service and a vacuum cleaning system. Wall beds are specified. Bath rooms will be finished in tile and cement plaster. The exterior of the building will probably be covered with cement plaster. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$2,500. Piedmont, Alameda Co., Cal. Architect, none. Owner, J. A. Gilmour, 424 Howe St., Oakland. The dwelling has been designed to contain six rooms and bath. Interior will be finished in pine with hardwood floors in the living room, dining room and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Berkeley, Alameda Co., Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, V. S. Kidd. The dwelling will be erected in the Claremont Tract, and has been designed for an eight-room house with baths and sleeping porches. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$4,500. Piedmont, Alameda Co., Cal. Architect, Julia Morgan. Merchants' Exchange Bldg., S. F. Owner, Miss Nellie Connors. The dwelling has been designed for a seven-room house with bath and sleeping porch. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$4,000. Oakland, Cal. Architect, C. H. Miller, Foxcroft Bldg., S. F. Owner, R. T. Southerland. The dwelling has been designed for a six-room house with bath and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. An automatic water heater will be installed. Tile will be

used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$5,500. Oakland, Cal. Architect, Claude B. Barton, Security Bldg., Oakland. Owner, Claude B. Barton. The dwelling, which has been designed for an eight-room house, will be erected at Adams Point. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath rooms will have tile wainscot. Tile will also be used in the kitchen. An automatic water heater will be installed. Exterior of the building will be covered with cement plaster on metal lath. Plans are complete and subfigures are being taken.

RESIDENCE—2 story and base, frame, \$5,500. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, A. H. Dana. The house has been designed to contain eight rooms, bath and sleeping porch, and will be erected in Rockridge Park. Interior will be finished in pine, white enamel and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with shingles. Plans are being prepared for the work.

RESIDENCE—2 story, attic and basement, frame, \$30,000. Oakland, Cal. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. A. J. Larkey. The house will be erected in Crocker Highlands and will contain a large number of rooms, several baths and sleeping porch. A garage will be erected on the rear of the lot. Interior of the dwelling will be finished in pine and hardwood with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. The exterior of the residence will be covered with cement plaster on metal lath. Plans for this work are being prepared.

RESIDENCE—2 story and base, frame, \$4,500. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, Mrs. Conklin. The house will be erected on Staten avenue and has been designed for a seven room dwelling with bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$5,000. Berkeley, Alameda Co., Cal. Architect, C. O. Clausen, Phelan Bldg., S. F. Owners, George Friend Co. The dwelling will be erected in the Thousand Oaks Tract, and has been designed to contain seven rooms, bath and sleeping porch. Interior finish will be of pine throughout with hardwood floors in the dining room, living

BUILDING AND INDUSTRIAL NEWS

room and reception hall. There will be open fire places and tile or brick mantels. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared and when complete work will be done by Day Labor.

APARTMENT HOUSE ALTERATIONS—2 story and base, frame, \$4,000. Oakland, Cal. Architect, C. H. Miller, Foxcroft Bldg., S. F. Owner, P. N. Tritt. The work will consist of remodeling the present two-story frame residence into two and three room apartments with private baths. There will be new interior trim, new electric work, plumbing, painting and plastering. Exterior of the building will also be somewhat altered and will be covered with rustic and shiplap. Plans are being prepared.

GARAGE—1 story, frame. Cost not stated. Oakland, Cal. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, W. L. Locke. The garage will be erected on Wadsworth and Bayou Vista streets. The plans provide for an automatic turntable. A cement floor will be used. Interior finish will be of pine. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared.

Oakland Builders To Have Annual Day.

Hig Industrial Parade Will Be One of the Main Features of Builders' Exchange Day.

A Committee of Arrangements has been appointed by the President of the Oakland Builders Exchange to arrange for the Builders' Exchange Day.

The entire day of June 14th, 1913, has been set aside to be known as Builders' Exchange Day, and to be an annual affair. On this, their first Builders' Exchange Day, the plans are as follows:

INDUSTRIAL PARADE.

They hope to have a monstrous industrial parade and have invited all of the civic bodies and clubs of Oakland, Alameda and Berkeley to co-operate for this purpose, and are hopeful of having every industrial concern represented by one or two vehicles in this parade. The parade is to start at 9:30, and to be over the main streets of Oakland and then disband. It is the request that each vehicle be loaded with the goods handled by that respective concern, and that this load, where possible, consist of the regular load in course of delivery, so that after disbandment the vehicle can continue on its errand. This will minimize expense and time, and will not interfere with the day's deliveries, and they positively wish every vehicle that they might be able to place in the parade to have a sign attached to it reading for example: "JOHN BROWN CO., BUILDING MATERIALS—MEMBERS OF THE BUILDERS' EXCHANGE OF ALAMEDA COUNTY." And it is asked that this sign be placed in a conspicuous place, where it can be readily seen while the vehicle is in the course of parading.

PICNIC AND BASEBALL.

After disbandment, the day will be given over to pleasure and for this purpose, Grand Canyon Park has been secured and the arrangements are such that they can assure everyone of a healthy good time. In its nature it will be an outing and a picnic. There will be games for all, light refreshments, music, dancing and prizes for the games, with toys for the children. There will be a sensational baseball game, many of their stars participating. Any member wishing to play on either of these teams will confer with Wm. Makin or C. L. Cummins.

COMMITTEE: Wm. Makin, Chairman. F. T. Kennedy, L. C. Fraser, Jr., C. L. Cummins, Ed. Hunt.

P. F. BRADHOFF, Secretary.

Building Contracts Awarded

Oakland.

1661 Gilmore	Gilmore	2500
1662 Neary	Neary	2500
1663 Tribune	Pearson	6400
1664 Pallen	Pallen	2500
1665 Holst	Taylor	400
1660 Godon	Bernhard	400
1681 White	Ostborn	500
1682 Lingo	Hyde	1000
1683 Marquardson	Owner	1000
1684 Coit	Coit	2500
1685 Hambleton	Owner	1800
1686 Trimlett	Trimlett	1600
1689 Koenig	Gaba	5000
1690 Sisson	Sisson	1500
1691 Bold	Bold	500
1692 Birkland	Birkland	450
1693 Gaway	Benson	2000
1694 Campomenosi	Owner	3400
1695 Kjelsberg	Thomson	1000
1697 Bandle	Storz	3500
1698 Griswold	Knight	2900
1699 McArthur	McArthur	2000
1700 Edwards	Montgomery	1700
1701 Alert	Alert	2100
1702 Alert	Alert	2100
1703 Weidershan	Schneblly	800
1704 Rizzo	Rizzo	750
1705 Allyn	Allyn	2500
1706 Case	Brown	2500
1709 Delporto	Bennizini	1300
1710 United Hm Bldrs	Owner	1800
1711 Same	Same	1800
1712 Same	Same	1800
1713 Same	Same	3500
1714 Peppin	Peppin	2400
1715 Bain	Flittner	1600
1716 McCartney	McCarney	500
1717 White	White	400
1718 Bennett	Bennett	250
(1661) NW GREENBANK AVE	bet	

Rose and Kingston, Piedmont. Two-story 6-room residence.

Owner.....J. A. Gilmore, 4214 Howe, Piedmont.

Architect...None.

Day's work. COST, \$2500

(1662) S MATHER 50 W View Oakland. One-story 6-room dwelling.

Owner.....Wm. F. Neary, 1512 Broadway, Oakland.

Architect...None.

Day's work. COST, \$2500

(1663) EIGHTH AND FRANKLIN, Oakland. Alterations.

Owner.....Tribune Publishing Co., Premises.

Architect...John J. Donovan, Security Bank Bldg., Oakland.

Contractor...Ben Pearson, Addison and Milvia, Berkeley.

COST, \$6400

(1664) W JAMES AVE 163 N Clifton, Oakland. One-story 5-room dwlg.

Owner.....A. H. Pallen, 686 61st, Okd

Architect...None.

Day's work. COST, \$2500

(1665) E FOURTEENTH AND 50TH Ave., Oakland. Addition.

Owner.....N. P. Holst, Preises.

Architect...None.

Contractor...W. C. Taylor, 1626 65th Ave., Oakland.

COST, \$400

(1680) NO. 1538 THIRTY-NINTH AVE Oakland. Alterations.

Owner.....E. Godon, Premises.

Architect...None.

Contractor...J. Bernhardt, 6257 Hamon, Oakland.

COST, \$400

(1681) SW CYPRESS & 19TH, Oakland. Boiler and engine house.

Owner.....H. S. White, 931 Filbert, Oakland.

Architect...None.

Contractor...T. E. Ostborn, 1304 Linden Oakland.

COST, \$500

(1682) NO. 3646 RHODA AVE., Oakland. Alterations.

Owner.....H. H. Lingo, Premises.

Architect...None.

Contractor...L. F. Hyde, 2745 26th Ave. Oakland.

COST, \$1000

(1683) E-TWENTY-SEVENTH 320 N E-23rd, Oakland. One-story four-room dwelling.

Owner.....A. H. Marquardson, 234 27th Ave., Oakland.

Architect...None.

Day's work. COST, \$100

(1684) S NAVY AVE 80 W Manilla Oakland. One-story 5-room dwlg.

Owner.....C. B. Coit, 1522 Broadway Oakland.

Architect...Al. J. Mazurette, Baco Bldg., Oakland.

Contractor...Roger Coit, 1522 Broadway, Oakland.

COST, \$250

(1685) S E-THIRTY-SIXTH 138 V Bruce, Oakland. One-story 4-room dwelling.

Owner.....Mabel L. Hambleton, 58 43rd, Oakland.

Architect...None.

Contractor...Fred Hambleton, 585 43rd, Oakland.

COST, \$100

(1686) E SIXTY-FOURTH AVE 700 E-14th, Oakland. One-story 4-room dwelling.

Owner.....Robt. Tremlett, 1330 1 26th, Oakland.

Architect...None.

Day's work. COST, \$10

(1689) NW THIRTY-EIGHTH A Broadway, Oakland. Two-story seven room dwelling and store.

Owner.....J. Koenig, 2104 Vine, Ak

Architect...H. S. Bauman, Chroni Bldg., San Francisco.

Contractor...J. W. Gaba.

COST, \$50

(1690) E DANA 100 N Sixty-third Oakland. One-story 4-room dwlg.

Owner.....C. E. Sisson, 6351 Da Oakland.

Architect...None.

Day's work. COST, \$1

(1691) NO. 1932 MINNESOTA A Y Oakland. One-story 4-room dwlg.

Owner.....A. J. Bold, 1934 Minnes Ave., Oakland.

Architect...None.

Contractor...Carl W. Bold, 1984 Minnesota Ave., Oakland.

COST, \$

(1692) NOS. 809-811 FIFTY-THIRD (rear), Oakland. One-story three-room dwelling.
Owner.....B. Birkland, 811 53rd, Oakland.
Architect...None.
Day's work. COST, \$450

(1693) N GEORGIA 400 W Maple, Oakland. One-story 5-room dwelling.
Owner.....John Gaway, 476 55th, Okd
Architect...None.
Contractor...Fred Benson, 2641 School, Oakland.
COST, \$2000

(1694) N CLIFTON 100 W Shafter Ave Oakland. Two-story 7-room flats.
Owner.....T. Campomenosi, 5168 Miles Ave., Oakland.
Architect...None.
Contractor...E. Campomenosi, 5168 Miles Ave., Oakland.
COST, \$3400

(1695) NO. 1931 SEMINARY AVE., Oakland. Addition.
Architect...M. Kjelsberg, Premises.
Architect...None.
Contractor...Alex Thomson, 2760 Grove, Oakland.
COST, \$1000

(1697) LOT 183 Map Fourth Avenue Terrace Extension, Oakland. Excavating, concrete work, brick and carpenter work, plumbing, plastering, electric wiring, mill work and exterior painting for two-story dwlg.
Owner.....Mary J. Bandle, Oakland.
Architect...Edwin Schaefer, Bacon Block, Oakland.
Contractor...Emil Storz, San Leandro. Filed May 25, '13. Dated May 19, '13.
Frame up\$875
Plastering completed 875
Completed and accepted..... 875
Usual 35 days..... 875
TOTAL COST, \$3500
Bond, \$1750. Sureties, Wm. E. Specht, Fred Schmidt, Chas. E. Stockford and M. C. Williams. Limit, 90 days after May 26. Forfeit, none. Plans and specifications filed.

(1698) E CORONADO AVE 200 N 51st, Oakland. One-story 7-room dwlg.
Owner.....H. L. Griswold, 1725 Broadway, Oakland.
Architect...None.
Contractor...Harry C. Knight, 1725 Broadway, Oakland.
COST, \$2900

(1699) E-SIXTY-FIFTH AVE 120 S Arthur, Oakland. One-story 5-room dwelling.
Owner.....McArthur Bros., 1560 Fell, San Francisco.
Architect...None.
Day's work. COST, \$2000

(1700) EUCALYPTUS & HILLCREST Roads, Oakland. Garage.
Owner.....B. F. Edwards, 68 Hillcrest Road, Oakland.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...W. S. Montgomery, 2321 Ward, Berkeley.
COST, \$1700

(1701) S E-THIRTY-SECOND 132 E Stuart, Oakland. One-story five-room dwelling.
Owner.....Alert Bldg. Co., 317 Santa Marina Bldg., S. F.
Architect...None.
Day's work. COST, \$2100

(1702) S E-THIRTY-SECOND 168 E Stuart, Oakland. One-story 5-room dwelling.
Owner.....Alert Bldg., Co., 317 Santa Marina Bldg., S. F.
Architect...None.
Day's work. COST, \$2100

(1703) NO. 412 FOURTEENTH, Oakland. Alterations.
Owner.....Weldershan & Nelson.
Architect...None.
Contractor...Schnebly, Hostrawser & Pedgrift, 1943 Broadway, Oakland.
COST, \$800

(1704) W SAN PABLO AVE 50 S 23rd, Oakland. Two-story addition.
Owner.....N. Rizzo, 1136 7th, Okd.
Architect...None.
Day's work. COST, \$1500

(1705) W FOURTEENTH AVE 320 N E-38th, Oakland. Two-story 6-room dwelling.
Owner.....Mattie E. Allyn, 3032 Market, Oakland.
Architect...None.
Contractor...W. H. Allyn, 3032 Market, Oakland.
COST, \$2500

(1706) NW BROOKDALE AVE AND Randwick, Oakland. One-story five-room dwelling.
Owner.....E. A. Case, 5033 Boulevard, Oakland.
Architect...None.
Contractor...W. C. Brown, 3909 Boulevard, Oakland.
COST, \$2500

(1709) E BOYD AVE 200 S Clifton, Oakland. One-story 3-room dwlg.
Owner.....B. Delporto, 5250 Boyd Ave Oakland.
Architect...None.
Contractor...Rio Bennizzini, 3477 Shafter Ave., Oakland.
COST, \$1300

(1710) W AYALA 65 S Miranda, Oakland. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1800

(1711) W AYALA 30 S Miranda, Oakland. One-story 5-room dwelling.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1800

(1712) E VINCENTE 65 S Miranda, Oakland. One-story 5-room dwlg.
Owner.....United Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$1800

(1713) N FOURTH AVE 135 E Mont Claire, Oakland. Two-story 7-room dwelling.
Owner.....Unlited Home Bldrs, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3500

(1714) W 104TH AVE 50 S Graftlan, Oakland. Two-story 5-room dwlg.
Owner.....J. B. Peppin Jr., San Leandro.
Architect...None.
Day's work. COST, \$2400

(1715) N ARTHUR 360 E Church, Oakland. One-story 4-room dwlg.
Owner.....A. M. Bain, 3418 E-14th, Oakland.
Architect...None.
Contractor...Jos. Flittner, 1700 35th Ave., Oakland.
COST, \$1600

(1716) NO. 3986 TELEGRAPH AVE., Oakland. Alterations.
Owner.....Paul McCartney, 726 11th, Oakland.
Architect...None.
Day's work. COST, \$500

(1717) NO. 6043 SEVENTEENTH, Oakland. Addition.
Owner.....A. C. White, Premises.
Architect...None.
Contractor...Schnebly, Hostrawser & Pedgrift, 1943 Broadway, Oakland.
COST, \$400

(1718) N BONA 535 W Peralta, Oakland. One-story 5-room dwelling.
Owner.....W. J. Bennett & Sons, 3048 Bona, Oakland.
Architect...None.
Day's work. COST, \$2500

Building Contracts Awarded

Berkeley.

1666	Searby	.....	Esty	400
1667	Huggins	.....	Kollmer	4000
1668	20th Cen Assn	.....	Pearson	17083
1677	Bennett	.....	Mason	4825
1678	McCausland	.....	Paft	1850
1679	Cont'l Bldg	.....	Wilson	1500
1687	Johnson	.....	Johnson	4000
1688	Garden	.....	Newman	500
1696	Concanon	.....	Concanon	1000
1707	Blay Bldg	.....	Peake	1400
1708	Gilkyson	.....	Hughson	1150

(1666) NW EUCLID AND LE CONTE, Berkeley. Alterations.
Owner.....F. M. Searby, 1719 Euclid, Berkeley.
Architect...None.
Contractor...Esty & Son, Hearst Ave., Berkeley. COST, \$400

(1667) NO. 2815 KELSEY, Berkeley. Alterations and additions.
Owner.....A. W. Huggins, Premises.
Architect...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...Jacob Kollmer, 2753 Piedmont Ave., Berkeley.
COST, \$4000

(1668) S DERYB 170 E College, Berkeley. Two-story 10-room building.
Owner.....20th Century Home Ass'n.
Architect...Parker & Kenyon, 244 Kearny, San Francisco.
Contractor...Ben Pearson, 2403 Grant, Berkeley.
COST, \$17,083

(1677) LOT 11 BLK 15 Northbrae, Berkeley. All work for two-story 11-room dwelling and one-story 2-room dwelling and garage.
Owner.....H. Eugene and Lulu V. Bennett, The Alameda Cor. Solano Ave., Berkeley.
Architect...None.
Contractor...Wm. C. Mason, Berkeley.
Filed May 26, '13. Dated May 19, '13.

Execution and recording of contract\$ 350 00
Frame up 856 25
1st coat interior plaster on..... 1206 25
Completed and accepted..... 1206 25
Usual 35 days..... 1206 25
TOTAL COST, \$4825 00
Bond, none. Limit, 180 days. Forfeit, \$1. Plans and specifications filed.

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38-40 NATOMA ST., S. F.

Edward R. Bacon is positively not connected with any other firm.

(1678) N DELAWARE 150 W Sacramento, Berkeley. One-story 6-room dwelling.

Owner.....J. C. McCausland, 1622 Francisco, Berkeley.

Architect...None.

Contractor...Fred Paft, Grant, Berkeley
COST, \$1850

(1679) S STUART 334 W McGee, Berkeley. One-story five-room dwlg.

Owner.....Continental Bldg. & Loan Ass'n, Golden Gate and Market, San Francisco.

Architect...None.

Contractor...J. L. Wilson, 610 Fillmore, San Francisco.

COST, \$1500

(1687) N SHATTUCK AVE 311 N Marin, Berkeley. Two-story 7-room dwelling.

Owner.....C. M. Johnson, 2317 Carlton, Berkeley.

Architect...None.

Day's work. COST, \$4000

(1688) LOT 16 BLK "B" Claremont Court, Berkeley. Plumbing, sewerling and gas fitting for two-story and basement frame dwelling.

Owner.....Mrs. Edith Garden, 82 Hillcrest Road, Berkeley.

Architect...Edward G. Garden, Phelan Bldg., San Francisco.

Contractor...H. G. Newman, Oakland.

Filed May 27, '13. Dated May 10, '13.

Toughling in completed.....\$250

Completed, tested and certificate of inspection delivered.....250

TOTAL COST, \$500

Fond, none. Limit, 90 days. Forfeit, plans and specifications none.

(1696) FIFTH AND PARKER, Berkeley. Alterations.

Owner.....W. N. Concanon, 601 54th, Oakland.

Architect...None.

Day's work. COST, \$1000

(1707) E EVELYN 255 N Gilman, Berkeley. One-story 4-room dwelling.

Owner.....The Berkeley Bldg. & Mortgage Co., 1st National Bank Bldg., Berkeley.

Architect...None.

Contractor...F. R. Peake, 2127 University Ave., Berkeley.

COST, \$1400

(1708) LOT 33 BLK 3 Cragmont, Berkeley. Carpenter, joinery, plastering, wiring, interior painting and what plumbing called for in specifications for two-story 7-room dwelling.

Owner.....John W. & Ida M. Gilkyson, S Harte E of Keith Ave., Berkeley.

Architect...None.

Contractor...Hughson & Donnelly, 1608 Stuart, Berkeley.

Filed May 29, '13. Dated May 29, '13.

Partitions and roof work completed..... $\frac{1}{4}$

Plaster on..... $\frac{1}{4}$

Completed..... $\frac{1}{4}$

Usual 35 days..... $\frac{1}{4}$

TOTAL COST, \$1150

Fond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

REMOVAL NOTICE.

L. C. FRASER, JR. AND E. I. NASH, agents for the Southwestern Surety Insurance Co., Globe Underwriters and the Philadelphia Life Insurance Company, have moved their offices to 433 First National Bank Bldg., Oakland.

Building Contracts Awarded

Alameda.

1669	Hooper	Strang	2500
1670	Hooper	Strang	2000
1671	McKinley	Sommerstrom	2000
1672	Peta Rilly	Noble	1800
1673	Niessen	Clark	400
1674	Cole	Cole	1700
1675	Lank	Lank	1400
1676	Tyson	Frost	1000

(1669) NO. 800 CENTRAL AVE., Alameda. One-story 7-room dwelling.

Owner.....C. A. Hooper & Co., Balboa Bldg., San Francisco.

Architect...V. N. Strang, 2015 13th Ave., Oakland.

Contractor...Strang Bros., 1330 Burbank Alameda.

COST, \$2500

(1670) NO. 1302 EIGHTH, Alameda. One-story 5-room dwelling.

Owner.....C. A. Hooper & Co., Balboa Bldg., San Francisco.

Architect...V. N. Strang, 2015 13th Ave., Oakland.

Contractor...Strang Bros., 1330 Burbank Alameda.

COST, \$2000

(1671) NO. 782 BUENA VISTA AVE., Alameda. One-story 5-room dwlg.

Owner.....Duncan E. McKinley, 2125 Hearst Ave., Berkeley.

Architect...Sommerstrom Bros., 35 Rose Ave., Oakland.

Contractor...M. F. Sommerstrom, 35 Rose Ave., Oakland.

COST, \$2000

(1672) NO. 1101 PARK, Alameda. One-story 5-room dwelling.

Owner.....Petaluma Realty Co., Petaluma, Cal.

Architect...None.

Contractor...Geo. H. Noble, 2220 Central Ave., Alameda.

COST, \$1800

(1673) NO. 1236 SHERMAN, Alameda. Alterations.

Owner.....Capt. F. N. Niessen, Prem.

Architect...None.

Contractor...R. P. Clark, 2214 $\frac{1}{2}$ Santa Clara Ave., Alameda.

COST, \$400

(1674) NO. 1843 NASON, Alameda. One-story 5-room dwelling.

Owner.....Mark T. Cole 703 Syndicate Bldg., Oakland.

Architect...None.

Day's work. COST, \$1700

(1675) NO. 1719 BAY, Alameda. One-story 4-room dwelling.

Owner.....Geo. A. Lank, 1305 Buena Vista Ave., Alameda.

Architect...None.

Day's work. COST, \$1400

(1676) NO. 1501 CENTRAL AVE., Alameda. Add to dwelling.

Owner.....Geo. Tyson, Premises.

Architect...None.

Contractor...T. P. Frost, 180 Jessie, San Francisco.

COST, \$1000

Completion Notices.

ALAMEDA COUNTY.

May 19, 1913—W MCKINLEY AVE 40 S Channing Way 40x65 Rose Peppleton to F R Peake. May 17, 1913
May 19, 1913—S THIRTY-FIRST 350 W Telegraph Ave; No. 551 31st.

Okd. Susie M Brackett to Gallagher & Motts.....May 19, 1913
 May 21, 1913—E WEBSTER 52 S Buena Vista Ave S 50x E 100, Okd.
 Peter Jorgenson to Alitchinson & Son.....May 21, 1913
 May 22, 1913—LOT 6 BLK "B" Map Fourth Ave Park, Okd. Alice M Stout to G Ellis Nichols. May 13, 1913
 May 23, 1913—LOT 8 BLK 17 Northbrae Tract, Bkly. F P Gimsley to A Y Skee.....May 21, 1913
 May 22, 1913—LOT 5 BLK "D" Map Central Piedmont Tract, Piedmont. B L Alburn to A S Ruch. May 22, 1913
 May 23, 1913—E PARK 192.85 N Central Ave N 75.08 E 80 N 25 E 60 S 100.08 W 140, Ala. Mrs. Annie L Neal to Charles S Watson.....May 20, 1913
 May 23, 1913—NE BERRYMAN and Josephine 40x100, Bkly. Ira Sorrick to F R Peake.....May 22, 1913
 May 23, 1913—NW EIGHTH and Kirkham N along Kirkham S 80.75 W 44 S 80.09 E 44.64, Okd. Margaret L Eschbacher and Louise M McMurtry to D F Harris.....May 23, 1913
 May 24, 1913—CHANNING WAY NOS. 2327-2329-2333, Bkly. Celia A Bigelow and D E Biglow to C H Warren.....May 22, 1913
 May 24, 1913—PTN LOT 21 Map Piedmont by the Lake, Okd. Joe T Collins to Collins Bros. May 24, '13
 May 26, 1913—SE FOUNTAIN 50 NE Santa Clara Ave N 50xSE 100, Ala. W G Le Boyd to whom it may concern.....May 26, 1913
 May 26, 1913—PTN LOT 56 Map Park View Tract No. 2 and Ptn Lot 11 Blk "G" Revised Map Piedmont Pk Piedmont. Miss Lucy A and Miss Margaret C Herrick to A Peterson.....April 23, 1913
 May 26, 1913—LOT 4 Map Woodbine Court, Okd. Harris & Hudson to C E Harris.....May 23, 1913
 May 27, 1913—PTN LOTS 15 AND 16 Blk "B" Berkeley Homestead Association 40x102 5-12, Bkly. Alameda County Home Builders to Peake-Munro Co.....May 26, 1913
 May 27, 1913—E PARK 192.85 N Central Ave N 75.08 E 80 N 25 E 60 S 100.08 W 140, Ala. Mrs. Annie L Neal to C A Ingerson.....May 23, 1913
 May 27, 1913—LOT 34 Shore Park Heights, Okd. Mrs R W Baum to H M Swalley.....May 22, 1913
 May 27, 1913—BLK '1 McLeod Tract, Livermore. Roman Catholic Archbishop of S F by T J Welsh of Welsh & Cary, Architects to Frank Lamanno.....May 22, 1913
 May 29, 1913—LOT 71 and N 3 1/4 of Lot 72 Map Higgins Tract, Bkly. Mary A Getze to Hughson & Donnelly.....May 29, 1913
 May 29, 1913—N E-TWENTY-FIRST 75 E 23rd Ave E and N from pt of beg. Okd. Claus Tiedemann to A F Anderson.....May 24, 1913
 May 28, 1913—LOT 26 BLK 3 Map Northlands Tract No. 1, Berkeley. Florence I Bone to John Weitzel.....May 28, 1913

LIENS FILED.

ALAMEDA COUNTY.

May 16, 1913—N CENTRAL AVE 120 ft. 1 in. W High W 40xN 174, Ala. Lucy May Kalas (wf Antony Thomas).....\$5000
 May 16, 1913—NE BOULEVARD

Way 8 1/4 NW Giraard Ave NW 40 xNE 120, Piedmont. Inter Cities Home Builders vs E and Mary Oppenheim\$1662
 May 16, 1913—S LAKE 140 E Madison E 50xS 100, Okd. C Carnevali Marble & Mosaic Co vs Laura and G A Johnson.....\$151
 May 27, 1913—SW CYPRESS & 19TH W along 19th 122 ft. 9 in S 52 ft. 4 1/2 in. W 13 ft. 3 in. S 52 ft. 4 1/2 in. E 136 N 104 ft. 9 in., Oakland. H Peterson Co vs Thomas Kearney and Lena White.....\$452.15
 May 27, 1913—LOTS 19 AND 20 BLK 3 Map Anseons Moss Tract, Okd. Chambers & Heafey vs Adolfo Puccinelli\$32.50
 May 27, 1913—LOTS 9 to 13 Incl Blk 2, Map Anseons Moss Tract, Okd. Chambers & Heafey vs O L Smith (Known as Alma L Smith).....\$125
 May 27, 1913—SW NINETEENTH & Cypress W along 19th 122 ft. 9 in. S 52 ft. 4 1/2 in. W 13 ft. 3 in. S 52 ft. 4 1/2 in. E 136 N 104 ft. 9 in., Okd. Thos Kearney vs H S White.....\$594.55
 May 27, 1913—W VALLEY 103 S 24th S 60xW 125, Okd. Hogan Lumber Co vs W F and Ophir O Schroeder\$345.78

SAN JOSE AND THE SANTA CLARA VALLEY.

RESIDENCE — 2 story and base, frame, \$15,000. Woodside, San Mateo Co., Cal. Architect, Henry C. Smith, Humboldt Bank Bldg., S. F. Owner, J. J. Graves. Mr. Graves owns a large ranch in the Moore Tract near Woodside, and will build a house containing twenty rooms, six baths and sleeping porches. A two-story garage with a completely equipped machine shop and storage space for ten machines will also be erected on the site. Interior trim for the residence will be of pine and hardwoods. Hardwood floors will be used in all of the principal rooms. Bath rooms will be finished in tile. A central heating system, probably hot water, will be installed. The exterior of the buildings will be covered with cement plaster on metal lath. Roofs will be of red clay tile. Plans provide for extensive landscape gardening, a large concrete swimming tank and sunken gardens. Excavating has been started and subcontracts for the balance of the work will be let shortly.

RESIDENCE — 2 story and base, frame, \$3,500. San Jose, Santa Clara Co., Cal. Architect, P. D. Wolfe, First National Bank Bldg., San Jose. Owner, J. Murphy. The dwelling has been designed for a seven-room house with bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the living and dining rooms and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

SCHOOL—1 story and base, frame and concrete, \$15,000. Menlo Park, San Mateo Co., Cal. Architect, J. W. Dolliver, Royal Insurance Bldg., S. F. Owners, Menlo Park School District. Plans for a four-room building as designed by Architect Dolliver have been accepted by the Board of School Trustees. The building is so arranged that additions may easily be made at a later

date. This structure will replace the building destroyed by fire some months ago. Interior will be finished in pine. Exterior will probably be faced with cement plaster. Working drawings are being prepared and bids will be called for shortly.

SCHOOL—1 story and base, reinforced concrete, \$65,000. San Jose, Santa Clara Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Hester School District. This work has been mentioned here a number of times before when plans were formerly out for figures. The revised drawings are now being figured and bids will be opened by the School Trustees on June 7th. The building will contain 14 class rooms and an assembly hall. Construction will be as near fireproof as the funds available will allow. Plans may be secured from the architect or from the Clerk of the Hester School District, Herbert C Jones, Knox Bldg., San Jose.

Building Contracts.

SANTA CLARA COUNTY.

NO. 39 S-TENTH (rear), San Jose. One story paint shop.
 Owner.....Walter Kregg, Premises.
 Architect.....None.
 Day's work.....COST, \$500
 N SAN SALVADOR, 2nd Lot W of 7th, Two-story residence.
 Owner.....J. Murphy, Premises.
 Architect...F. D. Wolf, 1st, National Bank Bldg., San Jose.
 Day's work.....COST, \$2048

UNIVERSITY AVE near Main St., Los Gatos. All work for one-story brick and frame store building.
 Owner.....W. M. Field, Los Gatos.
 Architect.....None.
 Contractor...T. D. Saunders.
 Filed May 24, '13. Dated May 24, '13.
 Frame up.....\$406 25
 Rough plaster on.....406 25
 Building completed.....406 25
 Usual 35 days.....406 25
 TOTAL COST, \$1625.00
 Bond, none. Limit, on or before July 15 Forfeit, none. Plans and specifications filed.

LOS ALTOS, CAL. All work for one-story garage.
 Owner.....Wm. Cranston, Palo Alto.
 Architect...C. E. Hodges and W. G. Mitchell, Palo Alto, Cal.
 Contractor...Geo. B. Moore, Palo Alto.
 Filed May 19, '13. Dated May 16, '13.
 Frame up.....\$350
 When completed.....350
 Usual 35 days.....277
 TOTAL COST, \$977
 Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

COR. TWELFTH AND SANTA CLARA, Naglee Park Tract, San Jose. All work for remodeling two-story house into 4 apartments.
 Owner.....G. E. Savory, San Jose.
 Architect...Wolfe & Wolfe, San Jose.
 Contractor...Chas. Collins, San Jose.
 Filed May 19, '13. Dated May 7, '13.
 New studding in place.....\$456.25
 Rough plaster on.....456 25
 When completed.....456 25
 Usual 35 days.....456 25
 TOTAL COST, \$1825.00
 Bond, \$912.50. Surety, Chas. Collins. Limit, 50 days. Forfeit, none. Plans and specifications filed.

MILPITAS, CAL. All work for repairing rectory.

Owner.....Roman Catholic Archbishop

1100 Franklin, S. F.

Architect...Wm. Klunkert, Ryland Bldg., San Jose.

Contractor...J. B. Lamb, 640 S-11th, San Jose.

Filed May 24, '13. Dated May 21, '13.

Frame up and rustic on.....\$100

Building ready for painting..... 400

Building completed..... 400

Usual 35 days..... 400

TOTAL COST, \$1600

Bond, none. Sureties, E. W. Schnable and O E Schnable. Limit, 60 days. Forfeit, none. Plans and specifications filed.

LOT 14 and Southerly 1/2 Lot 13 Bk 24, City of Richmond. All work for two-story brick store and apartment building.

Owner.....C. G. Blake, Mount Eden, California.

Architect...J. B. Osborn, Richmond.

Contractor...Robt. E. White, Richmond.

Filed May 28, '13. Dated May 26, '13.

2nd story floor in place and

ready for brick work.....\$1199.50

Roof finished and plumbing in-

stalled..... 1199.50

Building completed and notice

of completion filed..... 1199.50

Usual 35 days..... 1199.50

TOTAL COST, \$4798.00

Bond, \$2400. Sureties, E. M. Tilden and Frank Lucas. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

LOT 16 BLK "E" Nicholl Subdivn City of Richmond. All work for three-story and basement brick business building.

Owner.....E. B. Anderson, Walnut Creek, California.

Architect...J. B. Osborn, Richmond.

Contractor...James Cruikshank, Richmond, California.

Filed May 27, '13. Dated May 19, '13.

2nd story brick walls completed

ready to place 3rd floor joists.....\$2094

Brick work and roof finished... 2094

Plastering completed..... 2094

Notice of completion filed..... 2095

Usual 35 days..... 2793

TOTAL COST, \$11,170

Bond, \$5585. Surety, The Aetna Accident & Liability Co. of Connecticut. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

Liens Filed.

SANTA CLARA COUNTY.

RECORDED AMOUNT

May 15, 1913—PTN LOT 8 BLK 8,

Town of Sunnyvale. J J O'Brien

Lumber Co vs Frank Portnell et al

.....\$41.33

May 23, 1913—THE SAN JOSE DRIV-

ing Park (known as the Hart

Hunt) South end of San Jose. C E

Hunt vs Ray Mead.....\$82

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED ACCEPTED

May 15, 1913—S SIDE WILLIAMS

Road, bounded by land of Web-

ster on West, 1/2 mile from Mc-

Donald Station. Harry Bachr to

Al Compton..... May 10, 1913

May 15, 1913—NE COR. TENTH AND

St. John, San Jose. J C Hayes to

C S Collins.....May 10, 1913

May 23, 1913—LOT 2 BLK 82 Naglee

Park, San Jose. Eva V McDon-

ough to S G Pelton.....May 22, 1913

May 20, 1913—SEC. 12 AND 13 Twp

South Range 2 West near Saratoga,

Cal. J D Phelan to J Looney & Co

.....May 15, 1913

May 24, 1913—SE 1/2 13 AND 13 Twp

South Range 2 West, Just above

Saratoga. J D Phelan to The

Boschken Hardware Co.....May 17, 1913

May 24, 1913—LOT 20 BLK 1 Emerald

Isle Sub, San Jose. A L Henderson

to whom it may concern.....May 21, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

Building Contracts.

MAHIN COUNTY.

LOT 4 BLK 4 Winship Park, San Anselmo. All work for two-story 8-room shingled dwelling.

Owner.....A. A. Robertson, Oakland.

Architect...Nene.

Contractor...M. C. Vaughn, 5833 Avala,

Oakland.

Filed May 12, '13. Dated May 2, '13.

Foundation completed and ma-

terial on ground.....\$1000.00

Frame up..... 1613.50

Plastered..... 1613.50

Accepted..... 1613.50

Usual 35 days..... 1613.50

TOTAL COST, \$7454.00

Bond, \$3727. Surety, Maryland Casualty Co. Limit, 130 days from filing. For-

feit, none. Plans and specifications filed

LOT 6 OF CAMNO BUENO TCT, Ross Station. All work for one-story frame dwelling.

Owner.....J. W. McDermott, 505 Cole, San Francisco.

Architect...Harris Osborn, Hearst Bldg., San Francisco.

Contractor...R. Leonhart, San Anselmo.

Filed May 15, '13. Dated May 13, '13.

Frame up.....\$551

Brown coated..... 551

Finished and completed..... 551

Usual 35 days..... 551

TOTAL COST, \$2204

Pond, none. Limit, 90 days. Forfeit,

none. Plans and specifications filed.

SAN ANSELMO. All work for one-story frame dwelling.

Owner.....Mrs. Annie Franklin, 845 Sutter, San Francisco.

Architect...None.

Contractor...Taylor & Co., S. F.

Filed May 13, '13. Dated April 26, '13.

Frame up.....\$562.90

Brown coated..... 562.85

Completed..... 562.85

Usual 35 days..... 562.90

TOTAL COST, \$2251.00

Bond, \$1126. Surety, The Title Guaranty & Surety Co. Limit, 60 days from filing. Forfeit, none. Plans and specifications filed.

Building Contracts.

CONTRA COSTA COUNTY.

ALHAMBRA VALLEY near Martinez. All work for alterations and additions to one-story and attic frame residence.

Owner.....Fred Burnham, Martinez.

Architect...C. P. Weeks, Mutual Bank Bldg., San Francisco.

Contractor...K. M. Nielson, Martinez.

Filed May 23, '13. Dated May 20, '13.

Frame up.....\$918.75

Building enclosed..... 918.75

Plastering finished..... 918.75

Completed and accepted..... 918.75

Usual 35 days..... 1225

TOTAL COST, \$4800

Bond, \$2450. Surety, American Bonding Co. of Baltimore. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

ONE AND ONE-HALF MILES EAST OF Antioch. Tract SW 1/4 of Sec 17 T 2 N R 2 E. All work for substation and accessories to building.

Owner.....Great Western Power Co., San Francisco.

Engineer...W. A. Clark.

Contractor...Reardon-Crist Constr. Co.

Filed May 23, '13. Dated May 14, '13.

TOTAL COST, \$10,773

Bond, \$6000. Surety, Massachusetts

Bonding & Insurance Co. Limit, July

24. Forfeit, \$10. Plans and specifica-

tions filed.

LOT 36 AND S 1/2 LOT 37 BLK 36, City of Richmond. All work for one-story 5-room bungalow.

Owner.....W. F. Wilson, Richmond.

Architect...Nene.

Contractor...C. H. McCausland, Rich-

mond.

Filed May 29, '13. Dated May 27, '13.

Frame up.....\$425

Enclosed and ready to plaster. 425

Plastered and wired for lights 425

Finished and accepted..... 400

TOTAL COST, \$1675

Bond, none. Limit, 90 working days. Forfeit, \$5 per day work is uncomple-

ted. Specifications only filed.

Completion Notices.

CONTRA COSTA COUNTY.

RECORDED ACCEPTED

May 28, 1913—WHARF SITUATED

on Ptn of Tide Land Surveys No. 2

and No. 9. Town of Martinez to

Mercer-Fraser Co.....May 26, 1913

COMPLETION NOTICES.

MAHIN COUNTY.

RECORDED ACCEPTED

May 24, 1913—S FOURTH 40 E Lootens

Pl E 27-6 S 105 W 27-6 N 105 ptn

Blk 40, Townsite of San Rafael. J

A Kappermann Jr to whom it may

concern.....May 21, 1913

May 26, 1913—NW LINE MADRONE

Ave 200 SW into Madrone Ave with

E line Lot "W." Ross Valley. G

Pagano to L N Devenenzi and M A

Perini.....May 17, 1913

May 16, 1913—BLK 6 Belvedere Land

Co., Belvedere. B W Freer to D

Currie..... May 12, 1913

Release of Liens.

MAHIN COUNTY.

RECORDED AMOUNT

May 8, 1913—LOTS 8, 9, 10, 11, 12 Blk

180 Sausalito Land & Ferry Co.

Commercial Bldg Co et al to T E

Moore.....

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—1 story and base, brick, \$10,000. Laguna School District, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owners, Laguna School District. The building has been designed for a district school and will contain four class rooms. Interior will be finished in pine with some maple floors. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are now being prepared and bids will be called for shortly.

SCHOOL—1 story and base, brick. Cost not stated. Fresno Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owners, Walnut School District. The building will contain three class rooms, offices and toilets. Interior will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with pressed brick. Design is in the classic style. Plans are being prepared and figures will be called for shortly.

RAILROAD STATION—1 story and base, brick and steel, \$20,000. Porterville, Tulare Co., Cal. Architect, Engineering Department Southern Pacific Co., Flood Bldg., S. F. Owners, Southern Pacific Co. Plans for a new passenger station have been forwarded to H. V. Platt at Porterville and he is now taking figures for the work. The building will contain two waiting rooms, station offices and baggage and express rooms. Interior finish will be of pine with some hardwood. A central heating system will be installed. Exterior of the station will be faced with pressed brick. A clay tile roof will be used. Plans can be obtained from H. V. Platt at Porterville.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED **ACCEPTED**
May 22, 1913—LOTS 44 AND 45 BLK 2, Fresno Home Add'n, Fresno.
Bessie M Cartwright to whom it may concern.....May 22, 1913
May 21, 1913—LOTE 21 AND 22 BLK 12, Belmont Add'n, Fresno. Cowan A Sample to J G Simpson. May 19, '13
May 26, 1913—LOTS 35, 36 BLK 33, Belmont Add'n to City of Fresno. Cuyler H Leonard to whom it may concern.....May 24, 1913
May 27, 1913—LOTS 35, 36 BLK 5, Haddell Add'n, Fresno. W G Harris to J A Porter....May 27, 1913

Liens Filed.

FRESNO COUNTY.

RECORDED **AMOUNT**
May 26, 1913—LOTS 17, 18, 19 BLK 114, Fresno. Union Oil Co of California vs Jacob Martin.....\$84.22

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

STORES AND OFFICES ALTERATION—4 story, brick and steel, \$70,000. Stockton, San Joaquin Co., Cal. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Kille, Whitloft & Hough. The Yosemite Theatre Building, one of

the best known office structures in Stockton, is to undergo thorough remodeling. A new steam heating system will be installed, new interior trim, plumbing, electric work and elevators. Additions will be made in portions of the building. Exterior will be faced with pressed brick and terra cotta. Plans are complete and bids are now being taken.

Building Contracts.

SAN JOAQUIN COUNTY.

SUTTER AND MARKET, STOCKTON. Lathing, plastering, metal furring, metal studding, metal lath and all plain and ornamental plastering, cement wainscoting, base, etc., for six story Class "A" building.

Owner.....W. A. Clark, Stockton.
Architect...Glenn Allen, Phelan Bldg., San Francisco.

Contractor, Joe Greenback, 2572 Lombard, San Francisco.

Filed May 23, '13. Dated May 21, '13.
1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$12,500

Bond, \$6250. Sureties, E. L. Stockwell and C. L. Johnson. Limit, 50 working days. Forfeit, none. Plans and specifications filed.

HENERY APARTMENT BUILDING, STOCKTON. All work for installing fixtures for offices.

Owner.....Pacific Gas & Elec. Co. Sutter and Weber Ave., Stockton.

Architect...Glenn Allen, Phelan Bldg., San Francisco.

Contractor, Fink & Schindler Co., N. Pilgrim, Stockton.

Filed May 23, '13. Dated May 22, '13.
Work completed and accepted by architect 75%
Usual 35 days..... Balance

TOTAL COST, \$3330

Bond, limit, forfeit, none. Plans and specifications filed.

LOT 7 BLK 97 East Center St., Stockton. All work for three-story 16-flat frame building.

Owner.....A. Embree, 634 E-Main St., Stockton.

Architect...None.

Contractor, C. J. Nystedt and J. W. Chivhart, 307 W-Poplar, Stockton.

Filed May 21, '13. Dated May 20, '13.
Rough frame up.....\$2150
Enclosed and all exterior work done 1800

Building plastered 1800

Building completely finished..... 2248

TOTAL COST, \$7998

Bond, \$4000. Sureties, W. C. Schuler and C. Totten. Limit, none. Forfeit, none. Plans and specifications filed.

LOS ANGELES AND SOUTHERN CALIFORNIA.

APARTMENT HOUSE—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architects, Kay & Skidmore, Broadway Central Bldg., L. A. Owner's name withheld. The building will cover an area of 50x137 feet, and has been arranged for thirty suites of two rooms and bath each. All apartments will be equipped with wall beds. Interior finish will be of pine with elm panels. Some hardwood floors will be

used. There will be steam heat and an automatic elevator. Exterior of the building will be faced with pressed brick. Bath rooms will have cement floors and tile wainscot. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, R. B. Young & Son, Lankershin Bldg., L. A. Owner, Dr. E. C. Manning. The building will be erected on an inside lot with a street frontage of 50 feet and a depth of 145 feet. There will be a total of 75 rooms arranged in two and three room suites with private baths. All suites will have wall beds. Interior finish will be of pine and hardwood. Bath rooms will be finished in cement plaster. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with pressed brick trimmed with artificial stone. Plans are now being prepared for this work.

ICE PLANT—2 story and base, reinforced concrete. Cost not stated. San Fernando, Los Angeles Co., Cal. Architect, none. Owners, Pacific Fruit Express Co., Pacific Electric Bldg., L. A. The plant proper will cover an area of 62x140 feet with a storage wing one story high 45x100 feet. Construction will be fireproof throughout. Floors and roof will be of reinforced concrete. A large amount of special machinery will be installed, which is to be let under a special contract. The plans call for fireproof doors and metal window sash and frames. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken by the owners.

LODGE HALL—3 story and base, reinforced concrete, \$80,000. Riverside, Riverside Co., Cal. Architect, George D. Barnett, Wright and Callender Bldg., L. A. Owners, Riverside Elks' Hall Association. This building will be erected at the corner of Market and Whittier streets and will cover a large area. The first floor will be arranged for the lobby, parlors, offices and a library. An auditorium seating 500 people will occupy the second floor and third floor will be arranged for apartments. Interior finish will be of pine, hardwoods and marble and tile. There will be elevator service, steam heat and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

HOTEL—7 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, E. J. Borgmeyer, Stinson Bldg., L. A. Owner, E. Rabin. The building will be erected on Coronado street and will cover an area of 75x120 feet. Plans provide for a total of 150 guest rooms and 70 baths. Interior will be finished in pine and hardwoods with ornamental plaster, marble and tile used in the lobby. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Metal window frames and sash are specified. Exterior of the building will be faced with glazed brick and terra cotta. Interior partitions will be of hollow tile. Plans are being prepared.

HOTEL—5 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Albert C. Martin, Higgins Bldg., L. A. Owners, Mon-

arch Investment Co. The building will occupy a corner site covering an area of 272x195 feet and will be built around a court 140x150 feet. There will be a total of 200 guest rooms and 150 baths. Construction will be fireproof throughout, with hollow tile partitions and concrete floors. Interior will be finished in pine and hardwood. Baths will have cement floors and tile wainscot. Plans provide for both freight and passenger elevators, steam heat, vacuum cleaning system and a hot water plant. Metal window sash and frames are to be used. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

RESIDENCE—2 story and base, frame. Cost not stated. Pasadena, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owner, H. O. Ayer. The dwelling will contain sixteen rooms, several baths and sleeping porches. Interior finish will be of pine and hardwoods with hardwood floors used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. The exterior of the house will be covered with cement plaster on metal lath and shakes. Plans have been revised and new figures are now being taken.

RESIDENCE—2 story and base, frame. Cost not stated. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Milton E. Geitz. The dwelling will occupy a corner site and has been designed for an eighteen room house with all modern conveniences. There will be furnace heat and open fire places. Interior will be finished in pine, hardwood and white enamel. Hardwood floors will be used in all principal rooms. Mantels will be of brick and tile. Bath rooms will have tile floors and wainscot. An automatic water heater will be installed. The exterior will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick. Cost not stated. Huntington Park, Los Angeles Co., Cal. Architect, George W. Eldredge, Los Angeles Investment Bldg., L. A. Owners, Huntington Park School District. The building will cover an area of 119x220 feet, and has been designed in the Italian Renaissance style. Construction will be practically fireproof. There will be steam heat and a modern system of ventilation. Exterior of the building will be faced with pressed brick. Bonds to the amount of \$80,000 have been voted. Plans are now being prepared and bids will be called for shortly.

SCHOOL—2 story and base, brick, \$30,000. Los Angeles, Cal. Architect, H. M. Patterson, O. T. Johnson Bldg., L. A. Owners, Woman's Board of Home Missions of the Presbyterian Church. The building will cover an area of 90x90 feet. The first floor is to be arranged for class rooms, offices and a large dining room. Upper floors will be divided into apartments. Interior finish will be of pine with some hardwood floors. Plans provide for six baths which will have cement floors and tile wainscot. There will be steam heat. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

STORES AND LOFTS—5 story and

base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, A. F. Rosenheim, H. W. Hellman Bldg., L. A. Owners, Besinger Estate. The building will be erected on Los Angeles street near 9th, and will cover an area of 88x145 feet. The first floor will be arranged for stores and upper floors for light lofts. There will be steam heat, elevator service, metal window sash and frames and fireproof doors. Interior finish will be of pine throughout. Patent store fronts are specified. Exterior of the building will be faced with terra cotta. Plans will be complete and ready for figures within a week or ten days.

BANK—1 story and base, brick. Cost not stated. Burbank, Los Angeles Co., Cal. Architects, Krepel & Erkes, Henne Bldg., L. A. Owners, Farmers' and Merchants' National Bank of Burbank. The building will cover an area of 26x60 feet and will be occupied by the bank only. The plans include safe deposit and coin vaults which will be let in a separate contract. Construction will be fireproof. Interior will be arranged for large public space, working space and directors' rooms. There will be hardwood and marble trim and ornamental plaster. The exterior of the building will be faced with pressed brick and terra cotta. Plans are complete and figures are being taken.

GARAGE—1 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. W. Angel, 3555 Princeton St., L. A. Owner, E. T. Riley. The building has been designed for a commercial garage and will contain the office in the front portion of the building, repair and storage space in the rear. There will be a cement floor, metal window sash and frames and special storage tanks. Interior finish will be of pine. The exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken.

HOTEL—3 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owner, Mrs. Mathilde McLaughlin. This building will be erected at the corner of Union and Pico streets and will cover an area of 100x125 feet. Preliminary plans for a building containing stores on the first floor and modern hotel rooms above have been prepared. The proposed building will have about 125 guest rooms and three stores. A lease is now pending between the owner and lessee. Interior finish will be of pine throughout. Plans provide for steam heat and elevator service. Exterior will be faced with pressed brick. If a lease is signed construction will be started at once.

STORES AND OFFICES—13 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, Building Owners Co. This building has been mentioned here before when the architect was first commissioned to prepare plans. A site on 6th street between Hill and Olive streets has been secured and construction will be started as soon as the temporary buildings now occupying the site can be wrecked. Construction will be fireproof throughout with reinforced concrete walls, concrete floors and roof and hollow tile interior partitions. Interior will be finished in metal trim, marble and hardwoods. There will be elevator

service, steam heat, a vacuum cleaning system and mail chutes. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick and terra cotta. Bids will be called for within a week or ten days.

Contracts Awarded.

HOSPITAL—2 story and base, brick and steel, \$35,000. Oxnard, Ventura Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. Contractor, Thomas Carroll, Oxnard. Contract price, \$35,000.

HOTEL—4 story and base, brick and steel, \$45,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichl. Contractors, Alpetter, Hall & Alpetter, Ferguson Bldg., L. A. Contract price, \$45,000.

RESIDENCE—2 story and base, frame, \$40,000. Pasadena, Los Angeles Co., Cal. Architect, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owner, W. C. Leistkow. Contractors, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Contract price, \$40,000.

STORES AND LOFTS—5 story and base, reinforced concrete, \$120,000. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, Mrs. F. W. Sabichl. Contractors, Richards-Neustadt Construction Co., Wright and Callender Bldg., L. A. Contract price, \$120,000.

LIBRARY—1 story and base. Class A construction, \$20,000. Los Angeles, Cal. Architects, Train & Williams associated with F. N. Ashley, Exchange Bldg., L. A. Owners, City of Los Angeles. Contractor, C. Karseboom, 1443 Dana St., L. A. Contract price, \$23,417.

STORE AND LOFTS—3 story and base. Class A construction, \$37,000. Los Angeles, Cal. Architect, Frederick Noonan, Wright and Callender Bldg., L. A. Owner, Frank H. Shafer. Contractors, Hardeline-Breunig Woodworking Co., Central Bldg., L. A. Contract price \$37,000.

NOTE, AND THEATRE—3 story and base, brick, \$70,000. Los Angeles, Cal. Architect, John F. Blee, Union League Bldg., L. A. Owners, Em. Olcovich, Carl Stern, Ben Meyer and associates. Contractors, Barker-Bradley Construction Co., 1824 East 15th St., L. A. Contract price, \$70,000.

SEATTLE AND WASHINGTON

STORES AND LOFTS—4 story and base, steel and concrete, \$150,000. Seattle, Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owner name withheld. Preliminary plans have been prepared for a large commercial structure which is to be erected in the wholesale district. There will be several stores on the first floor and upper floors will be arranged for loft for storage purposes. Foundations and bearing walls will be designed to carry four additional stories. Construction will be fireproof. Metal window frame and sash are specified. Exterior of building will be faced with cement plaster. Plans are being prepared. Further mention will be made of the work when plans are ready for figures.

STORES AND OFFICES—15 story and base, reinforced concrete. Cost not stated. Vancouver, B. C. Architect, Thomas Hooper, Winch Bldg., Vancouver. Owner's name withheld.

This building is proposed for the corner of Granville and Dunsmuir streets. The building will be 120x120 with a tower of five additional stories. It will be erected for stores on the ground floor and offices above. The specifications call for high-speed elevators and an entire modern equipment usually found in such structures. It is possible that contract tenders will be invited within the next six weeks. Exterior will be covered with pressed brick and tile.

SCHOOL ADDITIONS—2 story and base, brick, \$50,000. Seattle, Wash. Architect not stated. Owners, City of Seattle. Bids for this work were opened on Tuesday last and show Ditlefsen & Gehring, Epler Bldg., low at \$45,875 on proposition A and \$45,875 on proposition B. This firm will probably be awarded the contract.

SCHOOL—2 story and base, reinforced concrete, \$80,000. Seattle, Wash. Architect's name not given. Owners, City of Seattle. Bids for the construction of the Lake School as opened at the last meeting of the Board of Education show Pinne & Gjarde low at \$78,614 for proposition A and \$79,159 for proposition B. A contract will probably be awarded at the next meeting of the Board of Education. These figures include heating and plumbing.

LODGE HALL—3 story and base, reinforced concrete, \$25,000. Bremerton, Wash. Architect's name not given. Owners, Bremerton Eagles' Hall Association. This work has been mentioned here before when the architect was first commissioned to prepare the plans. Working drawings have been turned over to Edward E. Walker, chairman of the Building Committee, and he is now taking figures for the construction. The building will be arranged for stores on the first floor and lodge rooms, offices and sleeping apartments on the second and third floors. Plans provide for steam heat, elevator service and a vacuum cleaning system. Interior will be finished in pine and hardwoods. Marble and tile will be used extensively. There will be patent store fronts. Exterior of the building will be faced with cement plaster. Plans can be secured from the chairman of the Building Committee. Bids will be opened about the middle of June.

HARBOR WORK—Cost not stated. Seattle, Wash. Engineers, Port of Seattle Commission, Central Bldg., Seattle. Owners, City of Seattle. The Seattle Port Commission, Central Bldg., at its regular meeting awarded contracts as follows for Port development work, all previously described in these columns:

Harrington, Peters Co., Oriental Bldg., on their bid of \$97,200, were awarded the contract for the construction of warehouses, etc., at the East Waterway improvement, and on their bid of \$18,507.25 for net warehouse, etc., at Salmon Bay.

Ians Pederson, Madison Bldg., on his bid of \$242,944 was awarded the contract for the substructures on the Smith's Cove improvement.

The Puget Sound Bridge & Dredging Co., Central Bldg., on its bid of \$252,308.50 was awarded the contract for excavation and dredging the Smith's Cove improvement.

The Seattle Frog & Switch Co., Lowman Bldg., on its bids of \$22,168.10 and \$6,792.40 was awarded the contracts for rails and appurtenances on the Smith's

Cove and Central Waterfront improvements respectively.

Total of above, \$639,920.25.

Contracts Awarded.

FACTORY—6 story and base, reinforced concrete. Cost not stated. Vancouver, B. C. Architect, H. S. Griffith, Dominion Trust Bldg., Vancouver. Owners, National Drug and Chemical Co. Contractors, George Snider and Brethour, 207 Hastings, West Vancouver. Contract price not stated.

PORTLAND AND OREGON.

Contracts Awarded.

RESIDENCE—2 story and base, frame, \$10,000. Portland, Ore. Architect, none. Owner, M. A. Ashley. Contractors, H. E. Wood & Co., 860 Williams Ave., Portland. Contract price, \$10,000.

STORES AND OFFICES—... stories, reinforced concrete or steel frame. Cost not given. Portland, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, H. L. Pittock et al. Contractors, Brayton Engineering Co., Lumberman's Bldg., Portland. Contract price cannot be given as the height of the structure has not been decided upon. The contract has probably been awarded on a percentage basis.

FOREIGN TRADE OPPORTUNITIES.

[Inquiries in which addresses are omitted are on file at Bureau of Foreign and Domestic Commerce. In applying for addresses refer to file number.]

Consuls are requested to contribute to this department, and in doing so should in each instance state in what language correspondence should be conducted.

No. 10996. Motor launches.—An American consul in the Far East reports that the use of commercial motor boats in his district continues to increase, and the establishment of two services is contemplated. It is understood that the contract for the launches has been placed, but it is thought that there will be a good market for various grades of American marine motors. Copy of the complete report, giving further details regarding this market and the best manner of making sales, will be sent to interested firms by the Bureau of Foreign and Domestic Commerce.

No. 11000. Dry dock and men's block.—The American consul general at Ottawa reports that the Department of Public Works has advertised for tenders, to be received until June 23, for constructing a dry dock in the county of Levis, Quebec. Tenders will also be received until June 24 for the construction of a men's block, New Barracks, Long Branch, near Toronto, Ontario. Plans, specifications and form of contract can be seen and forms of tender obtained at the Department of Public Works, Canada.

No. 11002. Machinery and accessories.—The American minister at Burcharest reports that bids to be opened at the Prefecture at Sofia, Bulgaria, have been invited by the direction of the Pernik mine, belonging to the Bulgarian Gov-

ernment, to furnish for the mine two machines, three dynamo-electric machines, and an electromotor, with their accessories. Intending bidders should communicate at once with the Ministry of Commerce, Industry, and Labor, at Sofia, from which copies of the specifications may be obtained. In order to be admitted to compete an intending bidder must produce certificates to show that he has executed similar installations and that he has deposited the required bond (3,500 francs, or \$675) in the Bulgarian Bank.

No. 11003. Crude botanic drugs.—In response to inquiries from the United States an American consul furnishes the names of two firms that have been interviewed in regard to the purchase of crude American botanic drugs, such as roots, barks, etc. These firms are in the market for shipments of from \$500 to \$2,000 in value.

No. 10923. Benzine, naphtha, and similar products.—An American consular officer in a European country reports that a local business house desires to get in touch with American manufacturers or exporters of benzine, naphtha, tar, caustic soda, glycerin, and other similar products, with a view to supplying the local market. Correspondence.

JOHN TUTTLE PASSES AWAY.

John Tuttle, for many years a member of the Builders' Exchange, has passed to the great beyond. Death came last Saturday morning at his family home, 110 Webster street.

For thirty years Mr. Tuttle was in active business here in San Francisco, during which time he made a host of friends. As a soldier Mr. Tuttle has a record that any man would be proud of, having served through the Civil War and participating in fourteen battles.

The funeral ceremony will be held on Tuesday under the auspices of Geo. H. Thomas Post, Grand Army of the Republic, at their hall in the Redmen Building on Golden Gate avenue near Jones street, at one o'clock. Deceased was 70 years of age.

HAD A BRISK PRELIMINARY SKIRMISH.

"Uh-well, sah," explained frazzled Mr. Trump, "dis is de way 'twuz: Me and muh wife, we had a ahgy-munt 'bout a p'int in de Scriptures, and she called me a liah and a fool, and I smacked her down. She hopped up and busted a skillet on muh head and slapped me flat wid it. I riz and welted her wid a chair leg and she flung de tea kettle at me and scalded muh pessonality right sharply. And den we begun to fight."

MODERN CREAMERY BUILDING.

Architect Henry H. Meyer is just completing one of the most modern Creameries that has yet been put up on the Pacific Coast for Annie L. Neal at Alameda, California.

The arrangement for the Creamery room, market room, sales room and shipping department are ideal.

One of the unique items is, that tile walls and tile floors have been used throughout the building, thus making it sanitary in every respect. This work was installed by The Watson Mantel & Tile Company of San Francisco. The front is finished in Marble

Wybro

Veneered Panels that
ARE good---order
today from

White Brothers

5th and Brannan Streets

San Francisco

Panels for that "particular" job.

You can't make a mistake by using the Wybro Panels for the most particular jobs, because there are none better.

Ask the fellow who uses them--he will tell you that he knows of no better panels.

Are YOU particular?

having been put up by The Vermont Marble Company, and every modern convenience known to the trade is used throughout.

The owner is to be congratulated on the enterprise which is shown in the construction of such a building.

GARNETS BY THE TON.

Garnets are generally classed as precious stones, and a fine gem garnet may be worth from \$5 to \$25 a carat, according to variety and size, but it is not necessarily true that the owner of a garnet mine is a millionaire because his mine produces garnets by the ton. In fact, the bulk of the garnets produced are measured by the ton, but these of inferior quality are used for abrasive purposes. In 1912 the production of abrasive garnet, according to the United States Geological Survey, amounted to 4,182 short tons, valued at \$137,800, so that the average price for a ton of garnets was not quite \$33, or considerably less than double the price of a ton of hay.

The production of garnets in 1912 showed an increase of 106 tons in quantity and \$16,052 in value compared with 1911. The three garnet-producing States are New York, New Hampshire, and North Carolina.

CHAS. WESELY & CO. INCORPORATE.

Chas. Wesely & Co., 126 Silver St., manufacturers of cement laundry trays, combinations, butcher tanks, etc., has been granted a charter of incorporation, the capital stock being \$25,000.

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The ideal house of concrete is one with a flat roof, crowned by a parapet or some simple perforated patterning

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Mr. William Allen White at the recent luncheon given to him in this city called attention to what might have been expected had Roosevelt been in President Wilson's place and read his own message to Congress; if he had established an office in the Capitol building or sent his secretary of state to impress his ideas of the Japanese question. If Roosevelt had done this Mr. White ventures to say that all the reactionaries would have had a cannipion fit. As to that Mr. White has some ideas on foreign diplomacy and the conduct of the State department. Evidently he would have it pepper up. In the Emporia Gazette, of which he is editor, he demands that the American foreign policy gird on its armor and acquit itself in a creditable manner.

"The American flag," writes Mr. White, "isn't respected in any of the South American countries. It isn't respected in Japan, or the Japs wouldn't be as sassy as they now are. The government never resents an insult, save through long-winded diplomacy. It always is crawfishing and accepting hollow excuses. Its present abject attitude in the Japanese matter should make every American sick. It should tell the Japs to go to Hannibal, Mo., and encourage California to frame exclusive legislation. It should shoot Mexico full

E. H. Williams

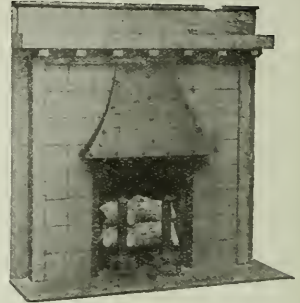
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of holes for murdering and robbing American citizens. It should demonstrate to the world that the country has a little red blood in its veins."

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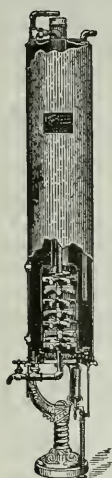
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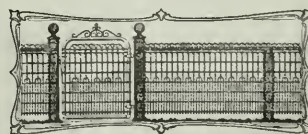
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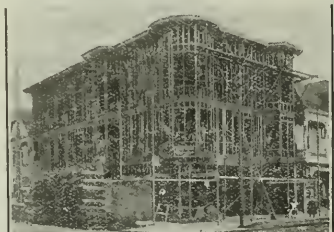
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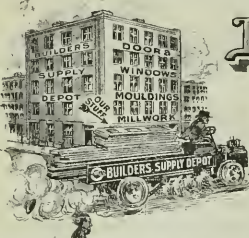
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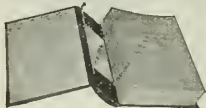
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College, Southern California. Designed by
Architect Myron Hunt of Los Angeles.

Washington Grammar School, Richmond,
California. Designed by Architect Louis
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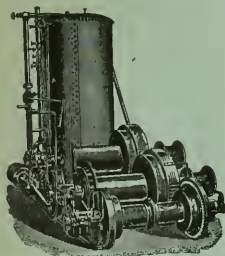
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San Francisco, JUNE 11, 1913

Thirteenth Year No. 23

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Editorial Comment.

Building construction in San Francisco last month amounted to \$2,206,409. To this is to be added \$307,060 for Panama-Pacific work and \$103,520 for City construction, making in all a total of \$2,816,935.

Considering the present state of business generally this a pretty good showing for the month. For private construction, outside of Exposition work and City construction the total is more than two millions, so that it is at least an average month. Of the \$2,206,409 thus tabulated \$1,353,737 was brick and concrete construction, \$682,590 for frame buildings and \$170,082 came under the head of alterations and additions. Compared with former years the record for May is as follows:

May, 1904.....	\$1,766,020
May, 1905.....	2,226,555
May, 1906.....	621,034
May, 1907.....	4,351,431
May, 1908.....	3,070,230
May, 1909.....	3,029,609
May, 1910.....	2,759,204
May, 1911.....	2,326,562
May, 1912.....	3,153,910
May, 1913.....	2,206,409

Ordinarily the month of May has shown a pretty good building record. For it is a month of settled weather and a time to start construction for the summer. For the present year the record is as follows:

January, 1913.....	\$1,585,555
February, 1913.....	1,979,043
March, 1913.....	2,171,583
April, 1913.....	2,249,332
May, 1913.....	2,206,409

As the Exposition work is practically a part of private construction within the limits of San Francisco the total out side of City work amounts to more than two and one-half millions. Considering the dullness of business generally the expenditure of that amount of money in building construction shows that in this regard San Francisco is at least holding its own.

It has been reported that ships might pass through the Panama canal by July next, but there seems to have been some misunderstanding on that point, as Colonel Goethals says that he believes that by next October ships drawing not more than fifteen feet of water may pass through the big ditch, Gatun Lake, through which vessels must pass, is said to be very low this year. But by November the lake will have risen greatly and in all probability there will be plenty of water to fill the entire lake including the Culebra cut.

On May 18, last, the waters of the Pacific Ocean were let into the canal by blowing up the dike south of Miraflores lock with a blast of 32,750 pounds of dynamite.

It was originally planned to continue the excavation back of the dike with steam shovels, but as the dredges at the Pacific entrance had practically completed their work they were available for operation in the canal itself. The dike was accordingly destroyed to admit them. As excavation with dredges is more expeditious than steam-shovel work, this will make for increased progress. Although the canal will not be officially opened until January 1st, 1915, it is probable that ships will be able to make the passage through it early this fall, in October or November as above stated. The only element of uncertainty is due to the slides at Culebra. Were it not for these slides there would now be only a million and a half cubic yards to be taken out of the cut instead of six and one-half million cubic yards.

California has always been noted for the peculiarities of its climate and vegetation. As the latter is the result of the farmer it follows that not only do we have the vegetation of the tropics and the temperate zones commingled, but also there are particular species of trees that are found only within the borders of the state.

Among these is the Monterey Cypress, which is found exclusively in the county of Monterey. And another is the Torrey Pine, which is still more restricted in the area in which it is found, being confined to a narrow belt a few miles long on the coast near the south of the Soledad River just north of San Diego and on the island of Santa Rosa, California. This is the least widely distributed pine tree in the United States. Another plant, the western iron wood, which is the only tree species of the saxifrage family of plants, is found only in the small coast islands of Southern California, is said to be the rarest plant in America.

While these are the rarest specimens and are perhaps the remains of species that were once more widely distributed, the big trees of the Sierras themselves are purely local products. These rare trees and plants combined with the picturesque mountains and skies gives California an individuality that has made it justly famous the world around.

The Southern Pacific Company has made application to the Railroad Commission for permission to raise \$30,000,000 by note issues in California. This is to be a part of a 48 million dollar expenditure on the lines in California and Oregon. This is intended to double track the system in many places, for the erection of terminal stations and the construction of ferry boats. This is certainly a substantial improvement and a big expenditure in betterments. These improvements are badly needed and if the road is to get ready to handle the exposition crowds it is time improvements should begin.

LEVEES AND FLOOD CONTROL.

Considerations Bearing on Proposed Methods of Protection for Regions
Exposed to Possible Flood Conditions.
By William A. Feeney.

After millions of dollars have been spent in the construction of levees to protect cities and towns along the Ohio, Mississippi, and other rivers of the country from floods, many leading citizens come forward to denounce the entire system as a failure. While some favor a return to the way of nature, without protection other than that the rivers themselves afford in spreading out to a greater width than the levees now permit, there are those who advise the more conservative plan of setting the levees back a mile or two; while still others claim that, in view of the vested interests already created in redeemed lands and the improvements thereon, the maintenance of the levee system must be continued.

A specific example of the situation is found in the perilous position in which Cairo, Ill., found itself when the Ohio River swelled to a stage of 54.8 feet and the Mississippi River on the other side was at an equal stage. At the water front, the street was $2\frac{1}{2}$ feet below the crest of the flood and on the next thoroughfare back, Commercial avenue, the street level was $12\frac{1}{2}$ feet below the water line. The water was held in check from flooding this city of 22,000 persons by a levee 55.5 feet high, reinforced by a superstructure 25.7 inches high.

The levee was strongly built, and held out when others nearby gave way and flooded the entire country from the hills of Kentucky to the hills of Missouri. The little Illinois city was the only dry spot for miles either way in this vast territory of which it is the center. Its citizens were so alarmed that the sheriff called for aid, and the Governor sent soldiers and sailors to help protect it.

The problem of levee construction bears on the interests of all flood-threatened sections in general, but its special pertinence in relation to Cairo arises from the fact that plans have been made for the erection there of a 60-foot levee at a cost of many thousands of dollars. The recent flood swooped down before Cairo had time to build its new levee; and now its citizens are debating whether or not to follow a different system from that generally employed.

Mr. H. H. Halliday, cement dealer and prominent citizen in that section of Illinois, has gathered information on the effect levees have on present conditions, and he attributes much of the recent inundation throughout the country to them. He holds that the levees built by government engineers, States, municipalities, and even individual corporations have made conditions worse than better. He has two remedies. The better one, in his opinion, would be to put the present levees back a mile or two; the other is to abolish all levees, and go back to old conditions.

"The proposition of levee building has become serious, and grows more so each year," declares Mr. Halliday. "I doubt if any city can feel safe with any levee at the present proximity to the normal river tide at which they

are built. The waters of the Ohio have been coming higher and higher at Cairo with the increase in the number of levees along that river. There is a question if even a 60-foot levee would be a protection if the levees continue to multiply in the future as they have in the past, unless they are built farther back from the river bed.

"The recent experience of Cairo with high waters recalls vividly to my mind the old days when there was no levee. Then the river flooded, to be sure, at times; but it never reached any great stage as it does now, and the population could turn out and hold it in check with bags of sand and the like. The reason for this was that the river was not confined in a small avenue securely locked in by levees on all sides. It spread out as the waters of rains and snows increased in volume. When it reached a city like Cairo, one felt that it would never rise to a stage sufficient to flood reasonably high places. It covered the bottoms with water, which was to be expected; but it relieved sections that are now threatened annually by floods.

"The rivers, under the present levee system must provide room for their added waters by increasing stages, instead of the old way of spreading out. These increased stages increase in proportion, so it seems, as more levees are built. The only way that the stage is held down is when a weak point in some levee gives way, and then the country for miles around is flooded many feet deep. The flood is far worse than was that in the old days when the river spread its banks but kept at a less stage.

"I think that the present system is a mistake, and the experiences of so many flooded sections this year would tend to prove it. Of course, there is very little likelihood that we shall go back to the old way of nature, for we would have extreme difficulty, for one thing in getting back. But I do believe that the question of moving the levees back a mile or more should receive serious consideration. The expense involved would be far less than the damage that is caused by floods which might be lessened.

"If the rivers were allowed to spread out a mile or more in flood times, the danger to the cities and towns along their banks would be greatly diminished. It is a vast engineering problem that has not yet been satisfactorily solved."

There are many persons, including well-known engineers, who agree with the view-point expressed by Mr. Halliday. They think that something should be done. What this something is, must come only after considerable study of the problem and the possible results. Cairo, if the sentiment of her citizens can be taken as a barometer, will take a leading part in the new move for efficient levee building. No one seems to think it probable that levees will ever be abolished; but they hope that a better system of building them will be found.

The massive walls of concrete may be moved or replaced by others built

farther back, if public sentiment along the rivers crystallizes as it now promises to do. It will be a problem worth watching in the solution.

ARTISTIC DESIGN IN ENGINEERING

An engineer fails in the fulfillment of his duty in so far as his works are destructive to the value of surrounding property, detrimental to the welfare of the community, or unnecessarily offensive to the senses or sensibilities of those who are compelled to live with these works as part of their environment.

This was the opinion of Prof. Archibald Barr, expressed in his presidential address before the Engineering Section of the British Association of Architects.

There were injuries, he said, which engineers might inflict upon the community, other than those to health and physical comfort. Everyone, even the least cultured, had some sense of the beautiful and the comely, and was affected by the aspects of his environment more than himself could realize. The engineer, then, whose works needlessly offended even the most fastidious taste, was acting contrary to the spirit of his profession at its best. There has been far too great a disregard of aesthetic considerations in the everyday work of the engineer, who usually took a too exclusively utilitarian view of his calling. A greater regard for artistic merit would not necessarily lead to extravagance, but, in many cases, would conduce to economy and efficiency. There was, or ought to be, a closer connection than was usually recognized, between the work of the engineer and that of those to whom was usually restricted the title of "artist." There was no great gulf, fixed between the fine arts and the utilitarian arts in earlier times. Such men as Michael Angelo, Raphael, and Leonardo da Vinci might be claimed as masters in the arts of construction as well as in those with which their names were usually associated. The separation of the beautiful and the useful was quite a modern vice.

There was an old maxim to the effect that the designer should ornament his construction and not construct his ornamentation. This was an admirable rule so far as it went, but it should be subordinated to a higher rule, that he should ornament his structure only if he lacked the skill to make it beautiful in itself. A structure of any kind that was intended to serve a useful end, should have the beauty of appropriateness for the purpose it was to serve. It should tell the truth, and nothing but the truth, and if its character were such that it could be permitted to tell the whole truth, so much the better. It should be beautiful and not beautified. The practice of resorting to extraneous adornments to minimize crudities of structural scheme, had its rise in the comparatively recent times when culture and taste were at their lowest and it was specially characteristic, not only of earlier times, but of the earlier

stages of the design of any particular product. It has already disappeared in some cases, and would continue to disappear from the practice of the arts of construction as skill and taste developed.

It was constantly remarked, and with justice, that steel bridges, as a class, were much less pleasing to the eye than those of stone. The reasons for the contrast in artistic merit were not far to seek. The building of stone bridges was an ancient art; the survival of the fittest, and selection—even with little creative skill on the part of the designers—would have led to the development of types having, of necessity, at least the elegance of fitness. But further, this art had come down through the times when artistic and utilitarian aims had not yet been divorced in the practice of the crafts; and further still, the practice of building in stone had been in the hands of architects, as well as of engineers, and architects were expected to be artists, and were trained as such. On the other hand, construction in steel was a very modern art; and it had been in the hands of engineers who usually neglected, if they did not despise, the study of fine arts. But why had architects, with their artistic training, not succeeded in producing structures in steel as admirable as those they designed in stone? Partly, no doubt, because they were hampered by tradition, and partly—if a common engineer might venture the criticism—because, as a rule, they had not sufficiently mastered the science of construction, and had been too much addicted to taking the easy course of adopting a decorated treatment instead of striving to secure elegance of structural scheme as such; and decoration, at least on anything like traditional lines, was wholly incompatible with the best possibilities of steel as a structural material. Progress was being made in the art of designing efficient and graceful structures in metal; but the best results could be attained only by a designer who had a thorough scientific and technical knowledge of the properties of steel and the processes of its manipulation, on the one hand, and cultured artistic sense and capacity on the other.

There is much in these remarks that bears on the problem of artistic design in concrete.

THOUGHTS ON FURNACE HEATING.

In commenting upon the question as to the necessity of accuracy and of rules to replace the general haphazard methods in vogue, especially in reference to furnace heating, a contractor points out that it must ever be borne in mind that rules and computations will never take the place of brains and experience.

The ratio of loss of heat units from a building as used in computations for steam and hot water heating will answer just as well as for warm-air heating. We might say in passing that the establishment of the average heat unit loss from buildings did not absolutely establish the amount of steam or hot water radiation required to heat any and every building. There is still a large margin either way left for the good sense and experience of

the fitter, engineer or boss plumber to get busy on in order that the plant when put to the actual test may give satisfactory and economical results.

It may be conceded that in furnaces designed for warm-air heating greater leeway in construction is possible than in a steam heater for the reason that in the latter it resolves itself primarily into a question of evaporation capacity. While in air furnaces heating the air direct, quantity and velocity of air travel have a much larger range of variation with similar grate surface and comparative exposed heating surface than is the case with water, either as water or as transformed into steam. The only rating method therefore that seems practical is the actual test of each furnace as to the number of heat units it will deliver with a given amount of air supplied at a given velocity. From this data it probably would not be difficult to ascertain the figures at varying square inches of air supply and varying velocities. Whether the use of outside air reverses the cooling effect of air leakage or accelerates, it is to my mind an open question, phenomena in support of both contentions having been brought to notice.

In the selection of a furnace I have always confined myself to the two or three makes with which I have become familiar through practice. I have, however, found that in most cases a 26-inch casing furnace (for example) gives better results than, say, a 42-inch casing furnace of a cheaper output. Unfamiliar makes I have always put up to the owner or architects. "You can have whatever furnace you want! With a No. 16 Tip Top I guarantee results; with the No. 24 Slip Shod, I don't, because I don't know anything about it."

In more than three-quarters of the cases on which I have been called where complaint has been made made a handkerchief laid over the register pulled in instead of bulging out with the flow of warm air, showing conclusively that the furnace was hungry for air and naturally robbed the coldest rooms—the castings red hot, the cellar overheated and the rooms cold. Result: The owner condemns the furnace as no good. The first mechanic that comes in says that the house can not be heated by warm air and plugs for a steam job. And why? Because the steam boiler manufacturers in order to get a market for their goods have been instructing the fitter, the plumber and the hardware man how to install the plant, have been giving them the fundamentals for computing pipe sizes and the requirements of piping. Consequently, the mechanic is on surer ground as to possible results in the case of steam. In case of warm-air heating how different! The manufacturer simply puts a furnace on the market, in some cases he will claim that it will heat a certain number of cubic feet, in other cases not. No attention whatever is paid either in instructions or otherwise concerning piping or method of setting. He, the manufacturer, has never before interested himself in the results, and the results have never interested themselves in the manufacturer or his goods further than to condemn them. The furnace, however, is only one part of the job. The installation makes or mars the reputation of the furnace.

In determining pipe sizes I divide the cubic contents in feet by 30 and the quotient in square inches has been the smallest area of pipe (when not impossible on account of constructional difficulties) for the room. However, I never use smaller warm-air pipe than 8-inch. Registers I make 40 per cent larger in area than that of the warm-air pipe leading to it. This allows the fretwork construction.

I always use a pit under the furnace when possible. If a pit cannot be used the cold air duct is provided with a deflecting shield to throw the cold air toward the opposite side of the furnace. The cold air supply must be at least 75 per cent of the area of the combined warm-air pipes. Due regard is always given to rooms with two or three sides exposed and to long runs by increasing the size of the pipe. Where runs are unusually long the trunk main line system is employed. Inside air supply I have only used for its circulating properties, where long halls form a pocket or where air pressure from outside interfered with the flow of warm air from the furnace into the room. The latter condition is often found in flimsily built houses and can usually be ascertained by air currents moving along the floor toward the register.—Building Age.

AUTOMATIC STORAGE HEATERS.

For the last year the demand for automatic water service has been rapidly increasing until now even the less pretentious homes demand this new convenience. The Electric Weld automatic storage system of gas water heating is comparatively new in the local field but the rapid strides it is making indicate that it is destined to take a prominent place. The storage feature is one that appeals, for it does not restrict the amount of hot water that can be drawn, the only limit to the volume of hot water obtainable being the size of the faucets. The flow of gas is controlled by a moment thermostat, which is operated by the temperature of the water in the bottom of the boiler. The cold water displacing the hot water which has been drawn off, operates the automatic valve, allowing sufficient gas to flow through at the rate of 60 feet per hour to heat the same amount of water as has been drawn; it then closes, leaving only the small pilot light burning, ready for the next operation. The boiler is doubly insulated with asbestos and oak wood lagging, insuring the same efficiency as is had with the thermos bottle.

These heaters are made for all requirements from the small bungalow size to the large hotel or apartment sizes, ranging from 18 gallons to 500 gallons. Sizes up to 66 gallons are operated by a single burner; from 82 gallons to 500 gallons are equipped with two or more burners, according to size. The multiple boiler, as the large sizes are called, are particularly efficient where a large service is required, both from the standpoint of gas consumption and where a simultaneous drain from a number of faucets occurs. The latter is covered with the storage feature and applies to all portions of the building. Electric Weld heaters are distributed by the Gas Appliance Sales Co. of America.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, E. E. Hildebrand. Mr. Hildebrand has recently purchased a lot on Larkin street near Union and will shortly start the construction of a modern apartment house. The building will be arranged to contain six apartments of four rooms and bath each. Interior will be finished in pine with some hardwood floors and elm panels. There will be either a steam heating system or gas grates. Bath rooms will be finished in cement plaster. All suites will be equipped with wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 4 story and base, reinforced concrete. Cost not stated. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Hyde street near Sutter and will contain a number of two and three room suites. All apartments will have wall beds and private bath rooms. Plans provide for an automatic elevator, steam heat, a vacuum cleaning system and hot water supply. Interior finish will be of pine with some hardwood. The tile will be used in the bath rooms. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. The building is to be erected at the southwest corner of Clay and Taylor street and will cover an area of 90x30 feet. The first floor has been arranged for four stores and upper floors will contain eight apartments of two and three rooms each. Interior will be finished in pine throughout with some hardwood floors. Bath rooms will be finished in cement plaster. All apartments will be equipped with private bath and wall beds. There will be steam heat and a hot water supply. Patent store fronts will be used. Exterior of the building will be covered with rustic and ship-lap and pressed brick veneer. Plans are complete and contracts will be let at once.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$23,000. Architects, Thomas & Oliver, Pantages Theatre Bldg., Oakland. Owner, Annie M. Spellman. The building will be erected at the corner of 25th street and Telegraph avenue, and will be arranged for stores on the first floor and 42 rooms on the upper two floors. Suites will consist of two and three rooms with private bath. Interiors will be finished in pine with some hardwood panels. A central heating system will be installed. Bath rooms will be finished in cement plaster. All suites will have wall beds. Exterior of the building will be covered with pressed brick and cement plaster on metal lath. Construction will be

handled by E. Sommarstrom, 302 East 12th street, and is to be done by Day Labor.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$15,000. Architect, J. H. Boehrer, Delger Bldg., Oakland. Owner, Mrs. Virginia Remillard. Supt. A. Legault, Delger Bldg., Oakland. The building will be erected on 22nd street east of Grove, and has been arranged to contain six suites of two rooms and bath. Interior finish will be of pine with some hardwood veneer. Bath rooms will be finished in cement plaster and tile wainscot. A central heating system or gas radiators will be installed. All suites will be equipped with wall beds. The exterior of the building will be covered with rustic. Plans are complete and the work is now being done by Day Labor.

OAKLAND, CAL.—Apartment house, 6 story and base, brick and steel, \$70,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner's name withheld. This building will be erected at the corner of 12th and Grove streets, and is to cover an area of 50x100 feet. There will be seven stores on the ground floor while upper floors will be divided into 96 rooms, arranged in two and three room suites with private bath rooms. Plans provide for steam heat, elevator service, wall beds, a vacuum cleaning system and hot water supply. Interior finish will be of pine and hardwood. Bath rooms will be finished in cement plaster and tile wainscot. There will be patent store fronts. Exterior of the building will be faced with pressed brick and terra cotta. Plans are now being prepared.

OAKLAND, CAL.—Apartment house, 3 story and base, \$25,000. Architect, George L. Streshley, Lick Bldg., S. F. Owner's name withheld. The building has been mentioned in these columns before when the architect was first commissioned to prepare plans. The building will contain a number of two and three room apartments on the upper floors and stores on the first floor. Interior finish will be of pine with some elm panels. There will be steam heat. All suites will have private bath rooms and wall beds. A hot water supply will be installed. Bath rooms will be finished in cement plaster. The exterior of the building will probably be covered with cement plaster on metal lath. Plans are complete and figures are to be called for at once.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base. Class C construction, \$15,000. Architects, R. B. Young & Son, Lankershim Bldg., L. A. Owner, Dr. E. C. Manning. Contractors, The Pozzo Construction Co., 421 Macy St., L. A. Contract price, \$45,000.

BANKS.

STOCKTON, SAN JOAQUIN CO., CAL.—Bank, 10 story and base. Class A or B construction, \$150,000. Architects, Stone & Wright, South California St., Stockton. Owners, Commercial Savings Bank of Stockton, John Raglio, President. The building will be erected at the northwest corner of Main and Sutter streets. The entire first

floor and basement will be occupied by the bank. Upper floors will be arranged for a large number of modern offices. Construction will be fireproof throughout with steel frame and walls of reinforced concrete or brick. Exterior will be faced with stone, pressed brick and terra cotta. Interior finish will be of hardwoods and metal. Marble wainscoting will be used in the halls and corridors. There will be steam heat, elevator service and a vacuum cleaning system. Metal window sash and frames are to be specified. Interior of the banking rooms will be handsomely finished in marble, tile and ornamental plaster. Special safe deposit and coin vaults will be installed. Plans are now being prepared.

REDLANDS, SAN BERNARDINO CO., CAL.—Bank and offices, 2 story and base, reinforced concrete, \$75,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, First National Bank of Redlands. The building will be erected on a corner site and will cover an area of 40x118 feet. Construction will be fireproof throughout. The entire first floor will be occupied by the bank and will be finished in pine, hardwoods, ornamental plaster and marble. A tile floor will be used. Plans provide for coin and safe deposit vaults. There will be steam heat and metal window sash and frames. Exterior of the building will be faced with artificial stone. Plans are complete and figures are now being taken.

CHURCHES.

SAN JOSE, SANTA CLARA CO., CAL.—Mission, 1 story, frame, \$3,000. Architect, none. Owner, S. Nashimure, 221 Jackson St., San Jose. The building has been designed for a mission house. Interior finish will be of pine and redwood. A maple floor will be used. Plans do not provide for a heating system. Exterior of the building will be covered with cement plaster. Plans are in the hands of the owner and work will be done by Day Labor.

LONG BEACH, LOS ANGELES CO., CAL.—Church, brick and steel. Cost not stated. Architects, Frank T. Kegley and T. Foster Ena, associated, Consolidated Realty Bldg., L. A. Owners, Roman Catholic Church, Father James A. Reardon, pastor. The building will be designed with a main auditorium seating 650 people and a smaller chapel seating 250 people. Interior will be finished in pine with maple floors. A steam heating system will be installed. Ornamental plaster is specified. Two towers of steel construction will be built. Exterior of the building will be faced with ruffled brick. Plans are complete and figures are being taken.

Contracts Awarded.

SAN FRANCISCO—Church, galvanized iron work, \$4,690. Architect, John J. Foley, 46 Kearny St., S. F. Owners, St. Joseph's Church. A contract for the galvanized iron work has been awarded to the Western Sheet Metal and Corning Works at \$4,690. This contract does not include the copper or bronze work.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Planing mill, 2 story, frame, \$2,000. Architect, none. Owner, G. Windler, 41 South Park St., S. F. The mill will be erected at the

northwest corner of 8th and Hooper streets, and is to cover a large area. No interior finish will be used. Besides the building a large amount of machinery will be purchased. Exterior will be covered with shiplap and galvanized iron. Plans are in the hands of the owner and work will be done by Day Labor.

SAN FRANCISCO—Warehouse, 3 story and base, reinforced concrete, \$50,000. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, Richard I. Whelan. This work has been mentioned here before when plans were first started. The entire building has been leased to the American Paint and Dry Color Co. Construction will be practically fireproof. A concrete basement and first floor will be used. Fire walls will separate the main parts of the building. The front portion will be fitted up for offices and will be finished in pine and hardwoods. Exterior of the building will be faced with cement plaster. Metal window sash and frames are specified. Plans are complete and figures are being taken.

SAN JOSE, SANTA CLARA CO., CAL.—Bunk houses, 2, 1 story, frame, \$1,400 each. Architect, none. Owners, Central California Fruit Co., S. E. corner of Jackson and 7th streets, San Jose. These buildings will be erected at the company's plant and will be used for bunk houses and dining hall. Interiors will be finished in pine. The exteriors will be covered with rustic or shiplap. Plans are in the hands of the owners and work will be done by Day Labor.

SEATTLE, WASH.—Factory, 5 story and base, reinforced concrete, \$400,000. Architect, John Graham, Lyon Bldg., Seattle. Owners, Ford Motor Car Co. This building has been mentioned here a number of times before. Plans have been revised and new figures have been taken. The structure will be similar to the Ford buildings now under construction in San Francisco, Portland and Los Angeles, all of which were designed by Mr. Graham. Construction will be fireproof throughout. The building covers a large area, and will contain the company's administrative offices, warehouse, show rooms and assembling plant. Bids were opened on June 10th and a contract will be awarded before the end of this week. Separate bids were taken for the general construction, the electric work and plumbing.

FLATS.

OAKLAND, CAL.—Flats, 2 story and base, frame. Cost not stated. Architect, Henry Sherrmund, Mills Bldg., S. F. Owner, J. B. Cabana. The building will be erected at the corner of East 14th street and 9th avenue, and will cover an area of 50x100 feet. There will be four stores and entrance on the first floor. Upper floor will be arranged for four flats of three and four rooms each with private bath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Bath rooms will be finished in tile. There will be open fire places and tile or brick mantels. Patent store fronts are specified. Exterior of the building will be covered with V joint rustic. Plans are complete and figures are now being taken.

GOVERNMENT WORK AND SUPPLIES.

Panama Canal Lock Caissons.

The Isthmian Canal Commission will open bids July 21, 1913, under circular No. 778, for furnishing two lock entrance floating caissons and their equipment. These caissons are to be of identical design for use at the lock entrances of the Panama Canal. The contract includes the furnishing of all the material and labor necessary to make each caisson complete for its purpose, including all pumps, electrical motors, and other electrical apparatus and wiring, all piping, valves, sea chests, strainers, etc., the ventilators and electrically driven fans, the hawse pipes, mooring chains and winches, deck capstans and cranes, the skylights with the necessary fittings for opening their covers, and all other fittings necessary to complete the caissons in accordance with accompanying drawings and specifications.

The principal dimensions of the caissons are as follows: Length between vertical ends, 112 feet 6 inches; length, extreme, 113 feet 10 inches; depth at side, 65 feet; breadth, moulded, 35 feet; breadth at top of deck, 18 feet; draught, light, 32 feet, draught, extreme, 61 feet.

Each caisson will be equipped with a pumping system for unwatering the lock chambers. This will consist of 4 20-inch diameter vertical centrifugal Volute pumps, placed about 11 feet 6 inches above the keel. They will be driven by electric motors located on the operating deck. The piping system is to be arranged so as to enable the operation of the suction or discharge to take place from either side of the caisson. Two of the pumps will have additional pipe fittings for flooding or unwatering the interior of the caisson. The valves, motors, etc., will, as a rule, be manipulated from the operating deck.

Rooftop Post Exchange, Fort Yellowstone.

All bids received for rooftoping the post exchange building at Fort Yellowstone, Wyo., have been rejected and instructions given on May 17 to readvertise the work.

Lamps and Carbons, Reclamation Service.

Abstract of bids, advertisement 599, arc lamps and carbons, Sun River project, opened at Los Angeles, Cal.:

Item 1, 5 arc lamps; 2 300 pair carbons; 3 years; 4 additional carbons.

General Electric Co., Los Angeles, Cal., item 1, \$172, Lynn, Mass., 3 days; 2, \$45 for 300 carbons, Lynn, Mass., 3 days; 3, 1; 4, 15c each, Lynn, Mass.

Westinghouse Electric and Manufacturing Co., Los Angeles, Cal., item 1, \$175, Gilman, M. from E., Pittsburgh steel, 2, \$51, East Pittsburgh, Pa., immediate; 3, 1; 4, 17c per pair, East Pittsburgh, Pa.

The Adams-Bengall Co., Cleveland, Ohio, item 1, \$187.50, Cleveland, Ohio, 3 days; 2, \$60 for 300 carbons, Cleveland, Ohio, 3 days; 3, 3; 4, 20c or less, each, Cleveland Ohio, 2 per cent discount, 10 days.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Grand Junction, Colo., Construction June 24.

Connors Bros. Co., Lowell, Mass.
Hiran Lloyd Building and Construction Co., Odd Fellows Building, St Louis Mo.

J. E. & A. L. Pennock, Land Title Bldg., Philadelphia, Pa.

J. H. Wiese, Omaha, Neb.
King Lumber Co., Charlottesville, Va.
J. J. Lumsden, Canon Block, Grand Junction, Colo.

Honolulu, H. T., Construction, June 20.
King Lumber Co., Charlottesville, Va.
Wm. H. Maxwell, Auburn, Ind.

P. J. Carlin Construction Co., 1 Madison avenue, New York city.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Grant Fee, San Francisco, Cal.
Southern Construction Co., Lowman Bldg., Seattle, Wash.

The Witteman Co., Buffalo, N. Y.
W. N. Concannon, San Francisco, Cal.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Pearl Harbor Building, June 28.
Spaulding Construction Co., Portland, Ore.

Crane Co., Washington, D. C.
W. N. Concannon, San Francisco, Cal.
Carnegie Steel Co., Philadelphia, Pa.
Connors Bros., Lowell, Mass.

Pearl Harbor, Gunners' Quarters, June 28.

Spanning Construction Co., Portland, Ore.

Crane Co., Washington, D. C.
Connors Bros., Lowell, Mass.
Carnegie Steel Co., Philadelphia, Pa.
W. N. Concannon, San Francisco, Cal.

Puget Sound, Cranes, June 21.
General Electric Co., Schenectady, N. Y.

Cutler-Hammer Mfg. Co., Milwaukee, Wis.

Niles-Benent-Pond Co., 111 Broadway, New York city.

Curtis Pneumatic Machinery Co., St. Louis, Mo.

Pawling & Harnischfeger Co., Milwaukee, Wis.

Manning (Maxwell & Moore, 85 Liberty street, New York city.

J. H. Schneider Iron Co., National Bank Bldg., Washington, D. C.

American Hoist and Derrick Co., St. Paul, Minn.

Morgan Engineering Co., Alliance, O.
Cyclops Iron Works, 847 Folsom street, San Francisco, Cal.

Butte Engineering and Construction Co., 687 Howard street, San Francisco, Cal.

Gas Generators.

Bids were opened by the lighthouse inspector, 18th district, San Francisco, Cal., as follows for furnishing three generators for acetylene gas:

George Breck, 70 Turk street, San Francisco, Cal., \$1,425; accepted.

J. R. Colt Co., \$1,500.

Pearl Harbor, H. T. Oil Tank.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for a steel fuel-oil tank to be constructed at the naval station, Pearl Harbor, H. T.:

Reeves Bros. Co., Alliance, Ohio, \$25,780.

Petroleum Iron Works Co., Sharon, Pa., \$21,500.

Treadwell Construction Co., Midland, Pa., \$20,250 and \$20,250 (alt.).

Camden Iron Works, 400 Chestnut St., Philadelphia, Pa., \$27,000.

Ritter-Conley Mfg. Co., 55 Water street, Pittsburgh, Pa., \$22,110.

Chicago Bridge and Iron Co., 10500 Throop street, Chicago, Ill., \$25,800.

Oil-Burning Apparatus, Fort Rosecrans.

The contract for constructing pipe line and installing oil-burning apparatus at Fort Rosecrans, Cal., has been awarded to S. F. Johnson Co., of San Diego, Cal., at \$6,205.

U. S. Marine Barracks, Cell Work.

The contract for furnishing eight steel cells, one door and four window grills for the U. S. Marine Barracks, navy yard, Mare Island, will be made to the Van Dorn Iron Works, Cleveland, Ohio, at \$1,156.

Reclamation Work.

The Reclamation Service is asking for proposals for furnishing sluice and penstock gates and accessories for the Elephant Butte dam, Rio Grande project, New Mexico-Texas. The bids will be opened at the office of the Reclamation Service at Elephant Butte, New Mexico, on June 25, 1913.

Pocatello, Idaho, Construction.

The following bids were received by the supervising architect, Treasury Department, Washington, D. C., for the construction, complete, of the U. S. post office and court house at Pocatello, Idaho:

Palmberg & Mattson, Astoria, Ore., limestone, \$97,200; sandstone, \$97,200.

George A. Whitmeyer & Sons, Ogden, Utah, sandstone, \$116,622.

Hiram Lloyd Building and Construction Co., Old Fellows Bldg., St. Louis, Mo., limestone, \$109,254; sandstone, \$112,254.

Campbell Building Co., Salt Lake City, Utah, limestone, \$101,024; sandstone, \$99,524.

William H. Maxwell, Auburn, Ind., limestone, \$106,627.

Whitway-Lee Construction Co., Boise, Idaho, limestone, \$93,300; sandstone, \$94,445.

W. D. Lovell, Minneapolis, Minn., limestone, \$99,900.

Electric Traveling Crane.

An advertisement appears elsewhere in this issue calling for bids to be opened on June 21 at the bureau of yards and docks, Navy Department, for furnishing electric traveling crane at the navy yard, Puget Sound, Wash. The contract covers 1 20-ton, 4-motor, with 5-ton auxiliary; 1 5-ton, 1-motor, 1 3½-ton, 3-motor traveling bridge crane and 1 5-ton, 3-motor traveling wall crane, with trolley wires and support complete. The crane shall have the following dimensions: 20-ton crane, span 51 feet 7 inches, height from floor, 41 feet; 5-ton crane, span 27 feet 8 inches; height from floor 18 feet 3 inches; 3½-ton bridge crane, span 27 feet 8 inches, height from floor 28 feet 3 inches; 5-ton wall crane, outside clearance, 23 feet 6 inches, trolley radius from 3 feet to 20 feet 6 inches, maximum hoist 19 feet 6 inches, height from floor to top of crane rails 20 feet 5½ inches; all runways 335 feet.

Supplemental Naval Bids.

The following supplemental bids were received by the bureau of supplies and accounts, Navy Department, Washington, D. C., for class 33, schedule 5301, original date of opening April 29:

Bid 40. A. S. Carmen, Selby, Cal., \$1-346.80.

51. Charles Este Co., Philadelphia, Pa., \$1,170.

52. G. Elias & Bro., Buffalo, N. Y., \$1,274.

56. Geo. S. Fowler, Washington, D. C., \$1,164.55.

175. Van Arsdale-Harris Lumber Co., San Francisco, Cal., \$1,397.50.

HALLS AND SOCIETY BUILD.

OAKLAND, CAL.—Museum and office addition, frame construction. Cost not stated. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for the removal of the present office building to a new location and for the construction of new foundations for the same, and for the construction of a one-story frame addition to the present Public Museum building have been completed and figures are now being called. Bids will be opened on June 12th by the Library Directors. Plans can be secured from Supervising Architect Donovan. An official prospectus for the work appears in this issue.

Contracts Awarded.

TILLAMOOK, ORE.—Lodge hall, 2 story and base, brick and steel, \$22,500. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Tillamook Old Fellows Hall Association. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, \$22,486.

ANAHEIM, ORANGE CO., CAL.—Lodge hall, 2 story and base, brick, \$31,324. Architect, Fred H. Eley, Hervey-Pinley Bldg., Santa Ana. Owners, Masonic Temple Association of Anaheim. Contractor, J. S. Hilend, Adelaide St., Anaheim. Contract price, \$31,324.

HOSPITALS.

STOCKTON, SAN JOAQUIN CO CAL.—Hospital, 2 story and base, reinforced concrete. Cost not stated. Architect, Walter King, Elks' Bldg., Stockton. Owners, St. Joseph's Society. The building has been designed with a main building and two wings. Construction will be fireproof throughout. The building will contain a number of public wards and also private rooms. A large and modern operating room and hydrotherapeutic will be features of the institution. Plans provide for steam heat, elevator service, vacuum cleaning and hot water system. Interior will be finished in pine and hardwoods. Marble and tile will be used extensively. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

SEATTLE, WASH.—Administration building, 5 and 2½ story and base, brick and steel, \$100,000. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. This is the first building of a large project, funds for which are now available. The main structure will be five stories in height and cover an area of 73x56 feet. The two wings will be two stories high and cover an area of 50x32 feet. Interior will be

finished in pine, hardwoods, white enamel and tile. There will be steam heat, vacuum cleaning system and elevators. The exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for at once.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, frame, \$18,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, A. Hinkelmann. The building will be erected on 8th street south of Howard, and will have a street frontage of 30 feet and a depth of 130 feet. The first floor will be arranged for stores. Upper floor will contain 48 guest rooms, several baths and the lobby. Interior finish will be of pine throughout. Plans provide for a hot water system. The exterior of the building will be covered with rustic and shiplap. Plans are complete and a contract will be let within a few days.

SAN FRANCISCO—Hotel, 7 story and base. Class C construction, \$60,000. Architect Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. Mary A. Hefferman. The building will be erected on Taylor street south of Turk and will have a frontage of 45½ feet and a depth of 76½ feet. The ground floor will contain the hotel lobby and stores. Upper floors will be divided in single rooms and baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning plant. Ornamental plaster will be used in the lobby and office. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor under the direction of Beach and Hefferman, David Hewes Bldg. All materials are now being purchased.

RIO VISTA, SOLANO CO., CAL.—Hotel and stores, 2 story and base, brick or reinforced concrete. Cost not stated. Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owners, Rio Vista Hotel Co. The building is to be erected at the corner of 2nd and Main streets, and will have a frontage on one street of 120 feet and of 80 feet on the other. There will be five stories on the first floor besides the hotel entrance and lobby. Upper floor will contain 31 guest rooms and baths. Plans have been prepared with foundations heavy enough to support three stories. The type of construction has not been fully determined. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Exterior will probably be faced with cement plaster. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Hotel, 2 story and base, brick and steel, \$20,000. Architects, Swartz, Hotchkins & Swartz, Fresno. Owner, C. W. Musick. The building will be erected on J street adjoining the Young Women's Christian Association, and will cover an area of 50x125 feet. The first floor will be arranged for a number of stores. Upper floor will be subdivided into single rooms. Interior finish will be of pine throughout. Patent storefronts are to be specified. Exterior of the building will be faced with pressed brick. Leases are now being made on the stores. Plans are being prepared.

LONG BEACH, LOS ANGELES CO., CAL.—Hotel, 10 story and base, reinforced concrete, \$700,000. Architects, Kysor & Biggar, Wright and Callender Bldg., L. A. Owners, Oxford Investment Co. The building is to be erected at the corner of Ocean and Pine avenues and will cover a large area. Preliminary plans show a total of 700 rooms, all of which will have connecting baths. Construction will be fireproof. Plans are only in the preliminary stage and details of the building cannot be given at this time. Further mention will be made in these columns as the plans progress.

EL CENTRO, IMPERIAL CO., CAL.—Hotel, 4 story and base, reinforced concrete and brick, \$150,000. Architect, one. Owners, Bell Development Co., an Nuyes Bldg., L. A. The building is to be erected at the corner of 7th and Main streets, and will cover an area of 55x132 feet. Several stores, hotel lobby and offices, public dining room and kitchen will occupy the first floor. Upper floors will contain a total of 132 guest rooms and baths. There will be team heat, elevator service and a vacuum cleaning system. Interior finish will be of pine. Tile floor will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are being prepared.

Contracts Awarded.
FRESNO, FRESNO CO., CAL.—Hotel, 3 story and base, brick and steel. Cost not stated. Architect, Edward T. Bulkes, Crocker Bldg., S. F. Owner, Judge Frank Short. Contractors, Trewitt & Shields, Fresno. Contract price not stated. Note: The building will cover an area of 75x150 feet and will be arranged for stores on the first floor and rooms above.

LODI, SAN JOAQUIN CO., CAL.—Hotel, 4 story and base, brick and steel, \$90,000. Architect, Ralph P. Morrill, 14 Fellows Bldg., Stockton. Owner, Whitaker, Galt. Contractor, Fred G. Ry, Lodi. Contract price, \$50,000.

SAN DIEGO, CAL.—Hotel, 3 story and base, reinforced concrete. Cost not stated. Architect, Harrison Albright, Union Laughlin Bldg., L. A. Owners, D. and A. B. Spreckels. Contractors, Urter Construction Co., Spreckels Bldg., San Diego. Contract price not stated. Note: The building will cover an area of 200x150 feet and will contain a total of 400 guest rooms.

SEASIDE, ORE.—Hotel addition, time and stone. Cost not stated. Architect, F. Manson White, Henry Bldg., Portland. Owner, Dan J. Moore. Contractors, Martin & Reisner, Woodlawn. Contract price not stated. Note: The new architect has prepared plans for a number of beach houses costing from \$200 to \$5,500, which are also to be erected at Seaside.

LIBRARIES.

HOOD RIVER, ORE.—Library, 2 story and base, brick, \$17,500. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Hood River Carnegie Library Association. The building has been designed in the classic style and will cover an area of 55x75 feet. There will be two public reading rooms, large stack rooms, librarian's office and toilets. Interior finish will be of pine and hardwoods with maple floors. A central heating system, probably steam, will be installed. Considerable ornamental iron will be used.

The exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans will be completed within the next twenty days and bids will be advertised.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Mines Building, frame construction. Cost not stated. Architect, Director of Works, P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. The plans and specifications for the Mines building have been completed and are now out for figures. Plans may be secured from the Director of Works. Bids will be opened by the Buildings and Grounds Committee on June 12. An official proposal appears in another column of this issue. Separate bids are being taken for the general construction and for the installation of the plumbing, gas and sewer pipes.

SAN FRANCISCO—Pile foundations. Cost not stated. Architect, Director of Works, P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being taken by the Buildings and Grounds Committee for the pile foundation for the Main Entrance Tower. Bids are asked on a unit price per linear foot. Plans can be secured from the Director of Works. Bids will be opened on June 13th. An official proposal appears in another column of this issue.

SAN FRANCISCO—Varied Industries Building, plumbing on same and outfall sewer. Cost not stated. Architect, Director of Works, P. P. I. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Three sets of figures were opened Wednesday morning by the Building and Grounds Committee of the Panama-Pacific International Exposition Co. Streshley, Freeze & Peterson were low for the general construction of the Varied Industries Building at \$195,379, if the Exposition Company furnishes the lumber and at \$266,982 if the contractor furnishes the lumber. F. W. Snook Co., were low on the plumbing at \$13,750. Bids opened for the construction of the Presidio Sewer Outfall show Michael Murphy low at \$5,700. No contracts were awarded. A complete list of these figures appears under the heading of San Francisco in this issue.

RAILROAD CONST., STATIONS AND EQUIPMENT.

SAN LEANDRO, ALAMEDA CO., CAL.—Station, 1 story, frame, \$1,500. Architect, W. H. Judson, Albany Bldg., Oakland. Owners, Broadmoor Tract. A small station is to be erected at the main entrance to the tract at once. Design is in the Mission style. Bids are now being taken for the carpentry work, plastering, sheet metal work, plumbing, painting, mill work and electric work. Mr. Judson will let all contracts separately.

STOCKTON, SAN JOAQUIN CO., CAL.—Freight depot, 2 story and base, reinforced concrete, \$100,000. Architect, Engineering Department Santa Fe Railroad. Owners, Santa Fe Railroad. An amount of \$100,000 has been set aside for the construction of this build-

ing which is to cover two city blocks. A site at the corner of California and San Joaquin streets has been secured and the company will ask the city of Stockton to close Sutter street. Construction will be fireproof. Besides the freight sheds the building will contain the offices of the company on the upper floor. Construction will be fireproof. Exterior will be faced with cement plaster. Work will be started as soon as plans can be completed.

LOS ANGELES, CAL.—Passenger station, 1 and 2 story, Class A construction. Cost not stated. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. The new passenger station will be erected at 5th and Central streets and will be 580 feet long and 70 feet wide. The central portion of the building will be but one story high, 50 feet wide and is 220 feet long and will be of Class A construction. The two wings, each two stories high will be of Class C construction. Plans include steam heat, metal window sash and frames, tile floors and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

RESIDENCES.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,000. Architect, none. Owner, N. J. Nelson, 4278 23rd Ave., S. F. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be a large open fire place with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

SAN FRANCISCO—Residences, 6, 2 story and base, frame, \$2,500 each. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. These dwellings will be erected on the west side of 15th avenue north of Clement street, and each has been designed for a six-room house with bath. Interior finish will be of pine and some hardwood veneer. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be open fire places and brick and tile mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with rustic, cement plaster on metal lath and shingles. Plans are complete and in the hands of the owner who will do the work by Day Labor. Mr. Nelson is now in the market for the val-

rious materials.
SAN FRANCISCO—Cottages, 3, 1 story and base, frame, \$1,250 each. Architect, none. Owner, G. Cavaglieri, 592 Potrero Ave., S. F. These dwellings will be erected on San Bruno avenue near 19th street, and each will contain five rooms and bath. Interiors will be finished in pine throughout. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$4,000. Architect,

Joseph M. Geary, 23rd and Folsom Sts., S. F. Owners, Parkside Home Builders. The dwelling will be erected on the west side of 21st avenue south of Taraval street, and has been designed for a seven-room house with bath. Interior finish will be of pine with some hardwood panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor under the supervision of the architect.

PIEDMONT ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,600. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Embury. The house has been designed for a seven-room dwelling with all modern conveniences. The interior will be finished in pine and hardwood with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. The exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared for the work.

LIVERMORE, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$8,000. Architect, none. Owners, Coast Manufacturing and Supply Co. and T. W. Norris. The dwelling will be erected on property adjacent to the new plant of the company. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$5,000. Architect, none. Owner, Louis Engler, 2721 Haste St., Berkeley. The dwelling has been designed for a nine-room house with bath and sleeping porch. Interior finish will be of pine throughout. Some hardwood floors are specified. Plans provide for furnace heat and open fire place. Mantel will be of tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster. Plans are in the hands of the owner and the work will be done by Day Labor. He is now purchasing all materials.

FRUITVALE, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$2,100. Architect, W. H. Judson, Albany Bldg., Oakland. Owner, Mr. Hautermann. The dwelling has been designed for a five room house with bath. Interior finish will be of pine throughout. Hardwood floors will be used in two rooms. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic. Plans are now being prepared.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$3,500. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The dwelling will be erected on 4th avenue and has been designed for a seven-room house with bath. Interior will be finished in pine and some hardwood panels. Hardwood

floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. A vacuum cleaning system is also specified. Plans are complete and the work will be done by Day Labor.

LIVERMORE, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$18,000. Architect, none. Owners, Coast Manufacturing and Supply Co. and Albert M. Merritt. This dwelling is to contain twelve rooms, baths and sleeping porch. Interior will be finished in pine and hardwoods. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, Peter Fredrickson, 3021½ Fulton St., Berkeley. The dwelling has been designed for a six-room house with bath and sleeping porch and will be erected on Yolo street. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

SAN JOSE, SANTA CLARA CO., CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architect, Emily E. Williams, 2406 Sacramento St., S. F. Owner, Walter McIntire, South 16th St., San Jose. The house will contain six rooms and bath. All interior finish will be of pine or redwood. Open fire place with brick mantel will be used in the living room. Hardwood floors will be used in the principal rooms. The exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

STOCKTON, SAN JOAQUIN CO., CAL.—Residences, frame construction. The following Day Labor jobs are reported as about to be started in Stockton: Mrs. H. Mowry, 1308 East Main St., 1 story frame cottage, \$1,200; P. E. Ferrell & Co., 301 So. California St., 1 story frame, \$1,500; and Albert Embree, 634 East Main St., 2 story and base, \$7,500.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, P. Nelson, 30 Presidio Terrace, S. F. The dwelling is to be erected on Clement street east of 16th avenue, and has been designed for an eight-room house with bath. Interior will be finished in pine and hardwood with hardwood floors used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, none.

Owner, John Rench, 1345 12th Ave., S. F. The house will be erected on 5th avenue near Judah street, and will contain seven rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. A large brick mantel will be used in the living room. Bath room will be finished in cement plaster. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN LEANDRO, ALAMEDA CO., CAL.—Residence and garage, 1 story and base, frame, \$6,000 and \$1,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. Merrill. The dwelling will be erected in Broadmoor, and has been designed for an eight-room bungalow with baths and sleeping porch. A one-story frame garage will be erected at the rear of the lot. Interior finish of the residence will be of pine, white enamel and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. There will be an automatic water heater installed. Exterior of both residence and garage will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

VICTORIA, B. C.—Residence, 3 story and base, rock and stucco, \$30,000. Architect, A. Warren Milner, Arcade Bldg., Seattle. Owner, W. A. Lewthwaite. The dwelling will contain in the neighborhood of twenty rooms, several baths and sleeping porches. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be a central heating system, probably hot water. Bath rooms will be finished in tile. An automatic water heater will be installed. Several large open fire places with brick and tile mantels will be used. Exterior of the house will be covered with stucco and rock. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$10,000. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, Frank H. Connelly. The dwelling will be erected on Peralta Way and has been designed for an eight-room dwelling with three baths. Interior finish will be of pine, oak and mahogany. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$15,000. Architects, G. Lawrence Stimson Co., 1212 Avoc Ave., Pasadena. Owner, Lyman T. McFie. Contractors, G. Lawrence Stimson Co., 1212 Avoc Ave., Pasadena. Contract price, \$15,000.

SCHOOLS.

QUINCY, PLUMAS CO., CAL.—School, 1 story and base, reinforced concrete, \$30,000. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Quincy Union High School. The building will contain 8 class rooms and an assembly hall. There will be a central heating system and vacuum cleaning. Interior will be finished in pine with some maple floors. Working drawings have been approved by the Board of School Trustees and bids will be called for at once. Plans can be secured from the architect. Exterior of the building will be faced with cement plaster. Construction will be as near fireproof as funds will permit.

CAMAS, WASH.—School, 2 story and base, brick, \$30,000. Architects, Fred A. Legg and J. Kingsberry, Ainsworth Bldg., Portland. Owners, Camas School District. The building has been arranged for twelve class rooms, assembly hall, gymnasium, principal's office, chemical and physical laboratories and domestic science and manual training departments. Interior will be finished in pine throughout with some maple floors. The building covers an area of 112x73 feet. A plenum heating system will be installed. The chemical and physical laboratories and gymnasium will be located in the basement. First floor will contain four class rooms, domestic science rooms and principal's office. Upper floors will be arranged for four class rooms and the assembly hall. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken. Bids will be opened on June 29th.

SAN JOSE, SANTA CLARA CO., CAL.—School, 1 story and base, reinforced concrete, \$65,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Hester School District. Bids for the general construction of this building were opened on Saturday last and show Robinson & Place of Oakland low on one proposition at \$60,950, and Martin Witter low on the alternate at \$61,935. The Pacific Blower and Heating Co. were low on the heating at \$5,200, and Sonderstrom was low on the painting at \$2,250. No contracts have been awarded. A complete list of these figures appears under the heading of San Jose and the Santa Clara Valley in this issue.

SANTA MONICA, LOS ANGELES CO., CAL.—Schools, 2, 2 story and base, brick. Cost not stated. Architects, Allison & Allison, Hibernal Bldg., L. A. Owners, Santa Monica School District. One of these buildings will be erected on Central avenue and the other will form an addition to one of the present schools. Both will contain six class rooms and an assembly hall. Interior finish will be of pine with maple floors. There will be a central heating system. Metal window sash and frames are specified. The exteriors will be faced with ruffled brick. Plans are complete and bids are now being taken for the work.

FAIRMEAD SCHOOL DISTRICT, FRESNO CO., CAL.—School, 1 story and base brick, \$10,000. Architect, J. Carl Thayer, Fresno. Owners, Fairmead School District. The building has been designed for a district school and will contain two class rooms. Interior will be finished in pine throughout. Besides the class rooms plans provide for teachers' rooms, office and

toilets. The building will be heated by stoves. Exterior will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

MAXWELL, COLUSA CO., CAL.—School, 1 story and base, reinforced concrete, \$23,250. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Maxwell School District. Contractor, Robert Trost, 26th and Howard Sts., S. F. General construction. Contract price not stated. San Francisco Blower Co., heating and ventilating. Contract price not stated.

STORES & OFFICE BUILDINGS

SAN FRANCISCO—Office building, 13 story and base. Class A construction, \$1,250,000. Architects, Ward & Blohne, Alaska Commercial Bldg., S. F. Owners, Medical Building Association, represented by Attorney Walter W. Kaufman. Preliminary plans for what is to be one of the largest and most finely appointed office structures devoted exclusively to the medical profession are being prepared. The members of the San Francisco County Medical Society, under the leadership of Dr. James A. Black and Dr. Phillip Mills Jones, have secured the northeast corner of Post and Powell streets, diagonally across from the St. Francis Hotel and will erect thereon a 13-story class A office building devoted exclusively to the use of doctors and dentists. The property has a frontage of 137½ feet on Powell street and 162 feet on Post street. While details of construction have not been fully determined it is stated that the building will contain 600 modern office suites besides special operating rooms, club rooms, as assembly hall and space for what is to be the largest medical library in the west. There will be a complete steel frame with walls of either brick or reinforced concrete, faced with pressed brick or terra cotta. Mechanical equipment will include elevator service, steam heat, vacuum cleaning system and all other modern features. Metal trim and marble wainscot will be used throughout. Leases on over two hundred of the offices have been made in the last two days. Actual construction will probably be underway inside of three or four months.

SAN FRANCISCO—Stores and lofts, 2 or 3 story, brick or concrete. Cost not stated. Architect, Henry H. Meyers, Kohl Bldg., S. F. Owners, Cowell Estate. The property on Clay street near the waterfront, and which has been covered since the fire with temporary wooden buildings, is to be improved with brick or concrete structures. The ground floors will be arranged for stores and upper floors for lofts or offices. Interior finish will be of pine throughout. There will be metal window sash and frames. Patent store fronts will be used. Exteriors will be faced with cement plaster or pressed brick. Plans are being prepared.

SAN FRANCISCO—Stores and billiard hall, 2 story and base, frame. Cost not stated. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Polk street at the corner of Austin avenue, and will cover an area of 69x70 feet. The first floor will be arranged for two stores, a butcher shop and grocery store. Upper floor will be fitted up for a billiard hall. Interior will be finished in pine throughout.

There will be patent store fronts. Exterior of the building will be covered with ship-lap and cement plaster. Plans are complete and figures are being taken.

LIVERMORE, ALAMEDA CO., CAL.—Office building, 2 story and base, frame. Cost not stated. Architect, none. Owner, Coast Mfg. and Supply Co., Livermore. A two-story office building is about to be erected on the property of the Coast Mfg. and Supply Co. at the site of their new plant. Interior will be finished in pine throughout with some maple floors. There will be a central heating system. Exterior of the building will be covered with rustic. Plans have been completed and the work will be done by Day Labor. The owners are now purchasing all materials.

SEATTLE, WASH.—Stores and offices, 11 story and base, reinforced concrete, \$500,000. Architects, Howell & Stockes, Henry Bldg., Seattle. Owners, Metropolitan Building Co. It is announced that work will be started in the near future by the Metropolitan Building Co. on the long delayed Grandin Building. It has not been decided whether to let a general contract on the structure or not. The building will be erected at the corner of 4th avenue and University street, and will cover an area of 60x130 feet.

LOS ANGELES, CAL.—Stores and lofts, 13 story and base. Class A construction. Cost not stated. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Mason Estate. The building will be erected on Spring street between 7th and 8th streets and will cover an area of 60x101 feet. There will be a complete steel frame with exterior walls of brick or concrete faced with terra cotta. Interior finish will be of pine and metal. Metal window sash and frames will be used throughout. There will be three elevators, sidewalk elevators and steam heat. Floors and interior partitions will be of hollow tile and concrete. Plans are complete and will be ready for figures in about a week or ten days.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owners, Haas Realty Co. A site at the corner of 7th and Broadway has been secured and a building covering an area of 55x155 feet is proposed. None of the details of construction have been worked out but are to be determined within a few days. A complete description of the work will be published here as soon as possible.

PASADENA, LOS ANGELES CO., CAL.—Offices, 6 or 7 story and base. Class A addition, \$100,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Citizens' Savings Bank. The present one-story building will be remodeled for banking rooms. Upper floors will be subdivided into about 16 modern office suites. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Metal window frames and sash will be used. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared and will shortly be ready for figures.

SALEM, ORE.—Stores and offices, 4 story and base, brick and steel, \$85,000. Architect, Aaron H. Gould, Worcester Bldg., Portland. Owner, P. R. Ryan. The building will be erected on one of

the principal corners and will cover an area of 103x108 feet. The first floor will be arranged for a number of stores and the entrance to the upper floors. Second and third floors will be subdivided into offices and the fourth floor will be fitted up for a large public hall. There will be elevator service, steam heat and metal window sash and frames. Interior finish will be of pine with a maple floor on the fourth floor. Some tile and marble will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

SEALED PROPOSALS.

PROPOSALS FOR SLUICE GATES AND PENSTOCK GATES.

SLUICE AND PENSTOCK GATES.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Elephant Butte, N. M., until 2 o'clock p. m. June 25, 1913, for furnishing sluice and penstock gates and accessories for Elephant Butte dam, Rio Grande project, New Mexico-Texas. For particulars address the U. S. Reclamation Service, Elephant Butte, N. M.; 307 Wright and Callender Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR SLUICE GATES.

SLUICE GATES.—Department of the Interior, United States Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the United States Reclamation Service, Boise, Idaho, until 2 o'clock p. m. June 16, 1913, for furnishing sluice gates for the new Jackson Lake Dam, Snake River storage project, Idaho-Wyoming. For particulars address U. S. Reclamation Service, Boise, Idaho, or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR VAULT PROTECTION SYSTEM.

VAULT-PROTECTION SYSTEM.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until 3 o'clock p. m. on the 20th day of June, 1913, and then opened for an electric vault-protection system in the U. S. subtreasury (old) building, San Francisco, Cal., in accordance with the specification, copies of which may be had at this office or at the office of the supervising superintendent, Post Office Building, San Francisco, at the discretion of the supervising architect. O. WENDEROOTH, supervising architect.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 779.—Proposals for the Purchase of the Concrete Handling Cranes, Which Were Used in the Construction of the Pacific Locks.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. July 14, 1913, at which time they will be opened in public for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 779) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los

Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR SLUICE GATES.

SLUICE GATES.—Department of the Interior, U. S. Reclamation Service, Washington, D. C.—Sealed proposals will be received at the office of the U. S. reclamation service, Elephant Butte, N. Mex., until 2 o'clock p. m. June 25, 1913, for furnishing sluice and penstock gates and accessories for Elephant Butte dam, Rio Grande project, New Mexico-Texas. For particulars address the U. S. reclamation service, Elephant Butte, N. Mex.; 307 Wright and Callender Building, Los Angeles, Cal., or Washington, D. C. F. H. NEWELL, director.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 778-B.—Isthmian Canal Commission, Office of the General Purchasing Officer, Washington, D. C.—Sealed proposals, in triplicate, will be received at this office until 2:30 p. m. June 16, 1913, for furnishing paving and special brick and No. 1 crossies. Further information may be had by referring to circular 778-B and addressing F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR VACUUM CLEANERS.

PORTABLE VACUUM CLEANERS.—Treasury Department, Office of the Supervising Architect, Washington, D. C.—Sealed proposals will be received at this office until June 19, 1913, for furnishing portable vacuum cleaners for all buildings under control of the Treasury Department during the fiscal year ending June 30, 1914. For further information address O. WENDEROOTH, supervising architect.

PROPOSALS FOR DREDGING.

DREDGING.—U. S. Engineer's Office, Honolulu, Hawaii.—Sealed proposals for dredging in Kahului, Hilo and Honolulu Harbors, Hawaii, will be received at this office until 11 a. m. July 1, 1913, and then publicly opened. Information on application to Lieutenant Colonel Thomas H. Rees, custom house, San Francisco, Cal., or this office. W. P. WOTEN, major, engineers.

PROPOSALS FOR CANAL SUPPLIES.

CANAL CIRCULAR 778-C.—Proposals for Lumber.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 2:30 p. m. June 17, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 778-C) may be obtained from this office or the offices of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR CRUSHING BRICK AND STONE.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on

Wednesday, the 11th day of June, 1913, for doing the following work including the furnishing of the necessary labor therefore, to wit:

Crushing of brick and stone, cleaning of brick and removing of the stepping and curbing at present incorporated in the foundations and approaches of the old City Hall, bounded by McAllister and Larkin streets and City Hall avenue.

Progressive payments will be made. The amount of bond for faithful performance of contract has been fixed at \$10,000.00.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR BUILDING.

OFFICE OF THE BOARD OF PUBLIC WORKS OF THE CITY AND COUNTY OF SAN FRANCISCO.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m., on Wednesday, the 18th day of June, 1913, for doing the following work, including the furnishing of the necessary labor and materials therefor, to wit:

The general construction of the Glen Park School building, to be erected on Bosworth street, between Brompton and Lippard avenues.

Note—The work hereinabove referred to is to be paid for out of the proceeds of the sale of School Bonds of the issue of 1904, and contract will not be made or entered into until the awardee shall have purchased or caused to be purchased, bonds to the amount of the contract, together with the estimated incidental expenses.

Progressive payments will be made. Said work must be done in accordance with the specifications on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within five (5) calendar days from the receipt of written notice from the Board of Public Works, and completed within two hundred and forty (240) calendar days thereafter.

All proposals offered must be accompanied by a check certified by a responsible bank, payable to the order of the Clerk of the Supervisors, for an amount not less than ten per cent of the aggregate of the proposal.

Proposal forms will be furnished gratuitously upon application at the office of the architect, and all proposals must be made upon such forms. The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR STEAM FIRE EXTINGUISHERS.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, SAN FRANCISCO.

In accordance with a resolution of the Board of Fire Commissioners duly passed on May 9, 1912, sealed proposals will be received in open session of the Board on Wednesday, June 18, 1913, between the hours of 5 and 5:30 p. m. for furnishing, testing and delivering

one or more steam fire engines of the 2nd size with gasoline motor tractor attached for use in the San Francisco Fire Department, in strict accordance with the specifications contained in the proposal blanks prepared by the Board of Fire Commissioners on file and copies of which may be obtained at the office of the Board of Fire Commissioners, Temporary City Hall, 1231 Market street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS,
FRANK T. KENNEDY,
Secretary.

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M. Thursday, June 12th 1913, for the installation of Plumbing, Sewer and Water Pipes of the Mines Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415, in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M. Thursday, June 12th, 1913, for the construction of the Mines Building, in accordance with the specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which amount will be refunded to contractors submitting bona fide bids. All persons taking out plans and failing to submit bona fide bids will forfeit the deposit of Fifty Dollars to the Exposition Company.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

NOTICE TO CONTRACTORS.

PANAMA-PACIFIC INTERNATIONAL EXPOSITION.

SEALED PROPOSALS will be received by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company at Room 415 in the Exposition Building, Pine and Battery Streets, San Francisco, California, at 10:30 A. M. Thursday, June 12th, 1913, for the Foundations for Main Entrance Tower in accordance with plans and specifications on file in the office of the Director of Works.

Each proposal must be accompanied by a certified check payable to the order of the Panama-Pacific International Exposition Company in the sum of ten (10) per cent of the amount bid, or the same will not be considered. When the award of contract is made all checks will be returned to the respective bidders, except that filed with the accepted proposal or bid, which check will be returned upon the successful bidder signing the contract and filing the required bond. A bond in the sum of fifty (50) per cent of the contract price will be required for the faithful performance of the contract; the sureties thereon must be satisfactory to the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company.

Progressive payments will be made. The right is reserved to reject any and all bids and to waive technical defects if in the interest of the Exposition Company.

Plans and specifications for the work may be obtained from the Director of Works, at Room 207 Service Building, Fillmore and Chestnut Streets, San Francisco, by depositing \$50.00, which will be refunded upon the return of the plans and specifications in good condition.

By order of the Buildings and Grounds Committee,
WILLIAM H. CROCKER,
Chairman. (*)

PROPOSALS FOR GASOLINE TRACTORS.

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners duly passed on May 9, 1913, sealed proposals will be received in open session of the Board on Wednesday, June 18, 1913, between the hours of 5 and 5:30 o'clock p. m., for furnishing, testing and delivering one (1) or more gasoline motor tractors for use in the San Francisco Fire Department, in strict accordance with the specifications contained in the proposal blanks prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of the Board of Fire Commissioners, Temporary City Hall, 1231 Market street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS,
FRANK T. KENNEDY,
Secretary.

PROPOSALS FOR BUILDING.

THE BOARD OF LIBRARY DIRECTORS of the City of Oakland, State of

California, requests and will receive bids for the furnishing of all the materials, labor and workmanship required in connection with the removal of the present Office Building to the new location, and for the construction of new foundations for same; also for the construction, erection and finish of all work for the one (1) story and basement frame addition to the present building of the Public Museum, all to be erected on the grounds of said Public Museum located on the easterly side of Oak street between Fourteenth and Fifteenth streets in the City of Oakland, Alameda County, California.

All said materials, labor and workmanship is to consist of that required by, and in accordance with the plans, drawings and specifications prepared therefor and on file in the office of John J. Donovan, the Supervising Architect of the City of Oakland, to which said plans and specifications reference is hereby made.

All proposals shall be made upon and conform to the requirements of the forms of proposals, prepared and furnished by the City, through the Supervising Architect, and shall be enclosed in sealed envelopes, endorsed "Bid for Public Museum," addressed to the Board of Library Directors, and deposited by the bidder, or his agent, with the Board, while in session, between 8:00 o'clock and 9:00 o'clock p. m., Pacific Time, on the 12th day of June, 1913, in the office of the Librarian in the Oakland Free Library, Fourteenth and Grove streets, Oakland, California, and at the expiration of the time named the bids will be opened, examined and publicly declared in open session of the Board.

The contract for the furnishing of all the labor and material entering into the construction and completion of the work, including plumbing, heating, electric work and other equipment indicated on the drawings or called for in the specifications, is to be let or awarded as a whole or general contract.

No bid will be received or considered which is not accompanied by a check, certified by a responsible bank, payable to the order of F. M. Smith, Clerk, in an amount not less than ten per centum (10%) of the aggregate amount of the proposal. Said check shall be forfeited to and be retained by the City if the successful bidder fails or refuses to execute the contract in the required form and furnish bonds of the forms to be provided by the City and as required by the Charter of the City of Oakland, within twenty (20) days after receiving notice of award.

A bond set of the Forms of Proposal, and of the required Affidavits, Agreement, Bonds, Acknowledgments and Specifications will be furnished contractors on demand at the office of the Supervising Architect of the City of Oakland, Security Bank Building, corner 11th and Broadway. The plans and drawings may be had at the said office of the Supervising Architect after June 5th, 1913, within a reasonable time after application, and upon the deposit of Ten Dollars (\$10.00), which deposit will be returned to the applicant when the said plans and drawings are returned to the Architect in good condition.

All information relative to the requirements for bidding, and all directions necessary to explain and make definite any of the provisions of the

specifications and drawings will be given by the Supervising Architect upon application at his office.

The right is reserved to the Board in accordance with the provisions of the Charter of the City of Oakland, to reject any or all bids submitted.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

MINES BUILDING—Frame construction. Cost not stated. San Francisco. Architect, Director of Works, P. J. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. The plans and specifications for the Mines building have been completed and are now out for figures. Plans may be secured from the Director of Works. Bids will be opened by the Buildings and Grounds Committee on June 12th. An official proposal appears in another column of this issue. Separate bids are being taken for the general construction and for the installation of the plumbing, gas and sewer pipes.

PILE FOUNDATIONS—Cost not stated. San Francisco. Architect, Director of Works P. J. E. Co., Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids are now being taken by the Buildings and Grounds Committee for the pile foundation for the Main Entrance Tower. Bids are asked on a unit price per linear foot. Plans can be secured from the Director of Works. Bids will be opened on June 13th. An official proposal appears in another column of this issue.

VARIED INDUSTRIES BUILDING—Plumbing on same and outfall sewer. Cost not stated. San Francisco. Architect Director of Works, P. J. E. Co., S. F. Owners, Panama-Pacific International Exposition Co. Three sets of figures were opened Wednesday morning by the Building and Grounds Committee of the Panama-Pacific International Exposition Co. Streshly-Freeze & Peterson were low for the general construction of the Varied Industries Building at \$195,379, if the Exposition Company furnishes the lumber, and at \$266,982 if the contractor furnishes the lumber. F. W. Snook Co. were low on the plumbing at \$13,750. Bids opened for the construction of the Presidio Outfall Sewer show Michael Murphy low at \$5,700. No contracts were awarded. A complete list of these figures appears under the heading of San Francisco in this issue.

APARTMENT HOUSE 3 story and base, frame. Cost not stated. San Francisco. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, E. H. Hildebrand. Mr. Hildebrand has recently purchased a lot on Larkin street near Union and will shortly start the construction of a modern apartment house. The building will be arranged to contain six apartments of four rooms and bath each. Interior will be finished in pine with some hardwood floors and elm panels. There will be either a steam heating system or gas grates. Bath rooms will be finished in cement plaster. All suites

will be equipped with wall beds. The exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—4 story and base, reinforced concrete. Cost not stated. San Francisco. Architect, Earl B. Scott, Humboldt Bank Bldg., S. F. Owner's name withheld. The building will be erected on Hyde street near Sutter and will contain a number of two and three room suites. All apartments will have wall beds and private bath rooms. Plans provide for an automatic elevator, steam heat, a vacuum cleaning system and hot water supply. Interior finish will be of pine with some hardwood. Tile will be used in the bath rooms. Exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

APARTMENT HOUSE—3 story and base, frame, \$15,000. San Francisco. Architect, C. O. Clausen, Phelan Bldg., S. F. Owner, James Ward. The building is to be erected at the southeast corner of Clay and Taylor and will cover an area of 993x30 feet. The first floor has been arranged for four stores and upper floors will contain eight modern apartments of two and three rooms each. Bath rooms will be finished in cement plaster. All apartments will be equipped with private bath and wall beds. There will be steam heat and a hot water supply. Patent store fronts will be used. Exterior of the building will be covered with rustic and shiplap and pressed brick veneer. Plans are complete and contracts will be let at once.

BUNGALOW—1½ story and base, frame, \$2,500. San Francisco. Architect, none. Owner, N. J. Nelson, 1278 23rd Ave., S. F. The dwelling will contain six rooms and bath. Interior will be finished in pine throughout. Hardwood floors will be used in the living room and dining room. There will be a large open fire place with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

RESIDENCES—6, 2 story and base, frame, \$2,500 each. San Francisco. Owner, F. Nelson, 30 Presidio Terrace, S. F. These dwellings will be erected on the west side of 15th avenue north of Clement street, and each has been designed for a six-room house with bath. Interior finish will be of pine and some hardwood veneer. Hardwood floors will be used in the living room, dining rooms and reception halls. There will be open fire places and brick and tile mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with rustic, cement plaster on metal lath and shingles.

Plans are complete and in the hands of the owner who will do the work by Day Labor. Mr. Nelson is now in the market for the various materials.

COTTAGES—3, 1 story and base, frame, \$1,250 each. San Francisco. Architect, none. Owner, G. Cavaglieri, 592 Potrero Ave., S. F. These dwellings will be erected on San Bruno avenue near 19th street and each will contain five rooms and bath. Interiors will be finished in pine throughout. There will be open fire places and tile or brick mantels. Tile will be used in the bath rooms and kitchens. Exteriors will be covered with rustic and cement plaster on metal lath. Plans are in the hands of the owner and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$4,000. San Francisco. Architect, Joseph M. Geary, 23rd and Folsom Sts., S. F. Owners, Parkside Home Builders. The dwelling will be erected on the west side of 21st avenue south of Taraval street, and has been designed for a seven-room house with bath. Interior finish will be of pine with some hardwood panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor under the supervision of the architect.

RESIDENCE—2 story and base, frame, \$5,000. San Francisco. Architect, none. Owner, F. Nelson, 30 Presidio Terrace, S. F. The dwelling is to be erected on Clement street east of 16th avenue, and has been designed for an eight-room house with bath. Interior will be finished in pine and hardwood with hardwood floors used in the living room, dining room and reception hall. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, none. Owner, John Rench, 1315 12th avenue, S. F. The house will be erected on 5th avenue near Judah street, and will contain seven rooms and bath. All interior finish will be of pine or redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. A large brick mantel will be used in the living room. Bath room will be finished in cement plaster. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

PLANING MILL—2 story, frame, \$2,000. San Francisco. Architect, none. Owner, G. Windler, 41 South Park St., S. F. The mill will be erected at the northwest corner of 8th and Hooper streets, and is to cover a large area. No interior finish will be used. Besides the building a large amount of machinery will be purchased. Exterior will be covered with shiplap and galvanized iron. Plans are in the hands

of the owner and work will be done by Day Labor.

WAREHOUSE—3 story and base, reinforced concrete \$30,000. San Francisco. Architects, Welsh & Carey, Merchants' National Bank Bldg., S. F. Owner, Richard I. Whelan. This work has been mentioned here before when plans were first started. The entire building has been leased to the American Paint and Dry Color Co. Construction will be practically fireproof. A concrete basement and first floor will be used. Firewalls will separate the main parts of the building. The front portion will be fitted up for offices and will be finished in pine and hardwoods. Exterior of the building will be faced with cement plaster. Metal window sash and frames are specified. Plans are complete and figures are being taken.

HOTEL—3 story and base, frame, \$18,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, A. Hinkelmann. The building will be erected on 8th street south of Howard, and will have a street frontage of 30 feet and a depth of 130 feet. The first floor will be arranged for stores. Upper floor will contain 48 guest rooms, several baths and the lobby. Interior finish will be of pine throughout. Plans provide for a hot water system. The exterior of the building will be covered with rustic and shiplap. Plans are complete and a contract will be let within a few days.

HOTEL—7 story and base. Class C construction, \$60,000. San Francisco. Architect, Mattanovich, David Hewes Bldg., S. F. Owner, Mrs. Mary A. Heffernan. The building will be erected on Taylor street south of Turk, and will have a frontage of 45½ feet and a depth of 76½ feet. The ground floor will contain the hotel lobby and stores. Upper floors will be divided in single rooms and baths. Interior finish will be of pine and hardwood. Plans provide for steam heat, elevator service and a vacuum cleaning plant. Ornamental plaster will be used in the lobby and office. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster. Plans are complete and the work will be done by Day Labor under the direction of Beach & Heffernan, David Hewes Bldg. All materials are now being purchased.

OFFICE BUILDING—13 story and base. Class A construction, \$1,250,000. San Francisco. Architects, Ward & Blohne, Alaska Commercial Bldg., S. F. Owners, Medical Building Association, represented by Attorney Walter W. Kaufman. Preliminary plans for what is to be one of the largest and most finely appointed office structures devoted exclusively to the medical profession are being prepared. The members of the San Francisco County Medical Society, under the leadership of Dr. James A. Black and Dr. Phillip Mills Jones, have secured the northeast corner of Post and Powell streets, diagonally across from the St. Francis Hotel and will erect thereon a 13-story class A office building devoted exclusively to the use of doctors and dentists. The property has a frontage of 137½ feet on Powell street and 162 feet on Post street. While details of construction have not been fully deter-

mined it is stated that the building will contain 600 modern office suites besides special operating rooms, club rooms, an assembly hall and space for what is to be the largest medical library in the west. There will be a complete steel frame with walls of either brick or reinforced concrete, faced with pressed brick or terra cotta. Mechanical equipment will include elevator service, steam heat, vacuum cleaning system and all other modern features. Metal trim and marble wainscot will be used throughout. Leases on over two hundred of the offices have been made in the last two days. Actual construction will probably be underway inside of three or four months.

STORES AND LOFTS—2 or 3 story, brick or concrete. Cost not stated. San Francisco. Architect, Hen. H. Meyers, Kohl Bldg., S. F. Owners, Cowell Estate. The property on Clay street near the waterfront, and which has been covered since the fire with temporary wooden buildings, is to be improved with brick or concrete structures. The ground floors will be arranged for stores and upper floors for lofts or offices. Interior finish will be of pine throughout. There will be metal window sash and frames. Patent store fronts will be used. Exteriors will be faced with cement plaster or pressed brick. Plans are being prepared.

STORES AND BILLIARD HALL—2 story and base, frame. Cost not stated. San Francisco. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Polk street at the corner of Austin avenue and will cover an area of 69x70 feet. The first floor will be arranged for two stores, a butcher shop and a grocery store. Upper floor will be fitted up for a billiard hall. Interior will be finished in pine throughout. There will be patent store fronts. Exterior of the building will be covered with shiplap and cement plaster. Plans are complete and figures are being taken.

Contracts Awarded.

CHURCH—Galvanized iron work, \$4,690. San Francisco. Architect, John J. Foley, 46 Kearny St., S. F. Owners, St. Joseph's Church. A contract for the galvanized iron work has been awarded to the Western Sheet Metal and Cornice Works at \$4,690. This contract does not include the copper or bronze work.

Exposition Co. Open Bids For Three Jobs.

Bids For The Varied Industries Building Show Streshlow-Freeze & Peterson Low at \$195,379.

Three sets of figures were opened Wednesday morning by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company. Streshlow-Freeze & Peterson were low for the general construction of the Varied Industries Building at \$195,379 if the Exposition Company furnishes the lumber and at \$266,932 if the contractor furnishes the lumber. F. W. Snook & Co. were low on the

plumbing at \$13,750. Bids opened for the construction of the Presidio Sewer Outfall show Michael Murphy low at \$5700. No contracts were awarded. The following is a complete list of all figures submitted:

General Construction Varied Industries Building.

Streshlow-Freeze & Peterson (a) \$195,379; (b) \$266,932.
J. Monk, (a) \$217,716; (b) \$293,000.
Connary-Peterson Co., (a) \$213,930; (b) \$—

Plumbing on above.

Turner Co. \$14,990
Wittman-Lyman Co. 15,796
Burnham Plumbing Co. 16,674
Kiernan & O'Brien. 14,990
Lettich Bros. 16,495
John G. Sutton Co. 14,620
F. W. Snook Co. 13,750

Presidio Outfall Sewer.

Contra Costa Constr. Co. \$7,944.00
Gorell Bros. 8,545.90
F. E. Hilmer 5,975.00
Michael Murphy 5,700.00
Central California Con. Co. 6,900.00

ANNOUNCEMENT.

By W. W. Anderson & Co.

A Malicious Falschood Nailed.

Some irresponsible parties are circulating a story to the effect that W. W. Anderson & Co., who have the contract for the Machinery Hall in the Fair Grounds, intend to abandon their contract. All such talk is absolutely false.

W. W. Anderson has been in business for many years. He is no stranger. Everybody knows him. His credit is A No. 1, and his integrity unquestioned.

The bondsmen are perfectly satisfied and are highly indignant that such a story should be started. The only trouble that W. W. Anderson & Co. have had on the job is a question as to whether the carpenters or the plasterers shall nail the stucco work in place.

There are now on the job about 400 mechanics. Last week the pay roll was \$10,500.

The following letter from the Loop Lumber Co., who are one of the bondsmen, is of special interest. It reads as follows:

LOOP LUMBER COMPANY,

Office, Yards and Mill

CENTRAL BASIN

San Francisco, June 4th, 1913.

Daily Pacific Builder,
560 Mission Street,
San Francisco, Calif.

Gentlemen:—
Permit me to say a word regarding a report that was published in a sheet today, to the effect that W. W. Anderson & Company, the Contractors who are building the Machinery Hall for the Panama-Pacific International Exposition Company, were about to abandon their contract on this building.

This report evidently emanates from some source that is endeavoring to injure the reputation of W. W. Anderson & Company, for some reason unknown, and without any foundation on facts.

As one of the bondsmen on this job I wish to state that having known Mr. Anderson and Mr. Wagner of this firm for a number of years through business dealing and personal contact, and having a thorough knowledge of their ability financially and otherwise to carry out their contract to a successful conclusion, I do not hesitate to say that this report is absolutely false and uncalled for.

Very respectfully yours,
WM. CHATHAM.

BOSS PLASTERERS HAVE PICNIC.

The Boss Plasterers of San Francisco and Oakland held their Annual Outing Saturday at Cowell's Big Tree Grove in the Santa Cruz mountains.

The Boss Lathers and many material men of both Oakland and San Francisco were guests of the Plasterers and a grand good time was enjoyed.

While the big trees have been visited by many great and distinguished guests it was for the Plasterers and their guests to show the Trees a touch of class before unknown in their locality.

The delegation left Third and Townsend streets at 8:05 A. M. and arrived at the grounds at 11:00 A. M. The Henry Cowell Lime and Cement Co. furnished a brass band, which accompanied the picnickers on the train and as the grove was reached an interesting program of games and races was commenced.

The material firms of San Francisco and Oakland contributed liberally toward the prizes, which made the various events very attractive to the participants.

The most attractive prize, however, was a \$2500 accident policy given by the Southwestern Surety Insurance Co. to be given to one of the Boss Plasterers, the decision to be made by a drawing. The Holmes Lime Co., Nephi Plaster Co., Quality Lime Co., Waterhouse & Price Co., Empire Plaster Co., Atlantic Fireproofing Co., California Lime Co., Spring Valley Water Co., Adolph Meyer Co., the Western Lime Co. and others.

The prizes consisted of coffee pots, hoes and shovels, wheelbarrows, hods, fountain pens, base balls and bats, cases of beer, skates, candies, merchandise orders, and, in fact, every thing that would suit the fancy of a fastidious plasterer.

After the races and games were disposed of all spent the afternoon dancing in the spacious pavilion.

Those in charge of the outing were:

COMMITTEES:

Reception Committee

Wm. Makin Chas. Campbell
Chas. Floodberg D. Mowatt
M. J. Terranova

Floor Committee

Gus. Johnson Geo. MacGruer
Wm. G. Gilmour Mr. Bradley
J. J. Philbin

Games Committee

Emmett Conolly Joe Kaiser
R. D. Felt John Thomsen.
Jas. Pedgrift

Committee of Arrangements

D. D. Felt J. J. Connelly Wm Makin
Geo. Dixon John Thomsen A. Knowles
Master of Ceremonies
W. S. Scott

Building Contracts Awarded.

San Francisco.

No.	Owner	Contractor	Amt.
2043	Nepert	Mager	4800
2044	Hanna	Hamerton	4300
2045	Giannini	Rolandi	28,500
2046	Slack	Zimmerman	1767
2047	Hale	Barrett	1400
2048	Solari	Fahy	8045
2049	Same	Kunst	865
2050	Gump	Emanuel	2400
2051	Church	Hill	400
2052	O'Neill	O'Neill	800
2053	Hoffmann	Alexander	400
2054	Mowatt	Alexander	750

2055	Warren	Wisman	600
2056	Nelson	Nelson	2000
2057	Cavaglieri	Owner	1250
2058	Same	Same	1250
2059	Same	Same	1250
2060	O'Leary	Carlson	5200
2061	Nagel	Nielsen	1850
2062	Olivi	Nielsen	2000
2063	Olivi	Ratto	4700
2064	Fry	Ragsdale	2600
2065	P. P. I. Exp.	Chase	3778.31
2066	Same	Chase	3778.31
2067	Same	Gordon	1995
2068	Same	Wittman	17930
2069	Duncan	Allen	1800
2070	Johnson	Zupar	1200
2071	Sullivan	Cornick	1800
2072	Webb	Parry	1900
2073	Saylor	Roetger	4700
2074	Nelson	Nelson	2500
2075	Wethered	Wethered	5000
2076	Mar Lin Gult	Howard	450
2077	Biggs	Biggs	1900
2078	Dunn	Dunn	400
2079	Nelson	Nelson	2500
2080	Nelson	Nelson	2500
2081	Mudrick	Mudrick	500
2082	Vette	Petry	1550
2083	Dunn's	Gulfof	1000
2084	Steinauer	Carlson	6000
2085	Hotaling	Leiter	1000
2086	Nelson	Nelson	2500
2087	Nelson	Nelson	2500
2088	Nelson	Nelson	2500
2089	Butler	Van Emon	7500
2090	Boicelli	De Martini	1800
2091	Elkins	Carlson	2700
2092	Allen	Reite	21400
2093	Scheiderer	Healy	2400
2094	W'n Pac R R	Healy	2188
2095	Suter	Ruegg	2097
2096	Wood	Moise	500
2097	Jones	Arthur	400
2098	Robert Trust	Robert	500
2099	Hefferman	Hefferman	60000
2100	Blair	Peterson	400
2101	Windler	Windler	2600
2102	Wheeler	Clark	2000
2103	Bauchow	Sutton	1080
2104	Same	Little	24728
2105	Same	Van Emon	1900
2106	Mackenzie	Perazzi	350
2107	Same	Latip Contr	10500
2108	Kirsch	McCausland	5200
2109	Lagomarsino	Carraro	8500
2110	Judson	Mortenson	8540
2111	Rich	Johnson	3500
2112	Zinski	Zinski	700
2113	Forbes	Forbes	400
2114	Foster	Miller	500
2115	Nelson	Nelson	5000
2116	Engle	Engle	600
2117	Rona	Delucchi	500
2118	Riddell	Bagge	7600
2119	O'Brien	Gulfof	1450
2120	Prior	Green	1000
2121	Same	Atlas Itlg	1690
2122	Same	Morehouse	10681
2123	Same	Butte	1825
2124	Same	Sarporius	2400
2125	Bankershim	Banks	5400
2126	Same	Sartorius	3800
2127	Same	Morehouse	34129
2128	Wiencke	Schultz	1300
2129	Webb	Witzelburger	7100
2130	Same	Laub	740
2131	Same	Wagner	920
2132	Bd Rity	Petrovsky	3485
2133	Peninsular Rity	Green	1000
2134	Ayers	Ayers	500
2135	Kelley	Coburn	400
2136	Marsh	Marsh	4000
2137	Montroul	Montroul	1600
2138	Engle	Koski	1000
2139	Levenberg	Levenberg	500
2140	Virello	Cal Steel	3500
2141	Nathan	Peterson	27672
2142	Ward	Coburn	13000

(2043) W STOCKTON 90 S Broadway
25x50. Concrete and steel, side walk
lights and trap door for three-story
and basement reinforced concrete
stores and flats.

Owner.....Louise Nepert, 2562 How-
ard, San Francisco.

Architect.....Schumacher & Mosser,
Nevada Bank Bldg., S. F.
Sub-contractor, Mager Bros., 110 Jessie,
San Francisco.

Owner.....Louise Nepert, 2562 How-
ard, San Francisco.

Architect.....Schumacher & Mosser,
Nevada Bank Bldg., S. F.

Sub-contractor, H. L. Petersen, 62
Post, San Francisco.

Filed June 2, '13. Dated May 29, '13.
2nd floor joists on.....\$1000
Roof on.....1000

Completed.....1200
Usual 35 days.....1600
TOTAL COST, \$4800

Bond, none. Limit, 40 days. Forfeit,
plans and specifications, none.

NOTE:—The spelling in the above firm
of architects is intended for Schu-
macher & Mosser.

(2044) E TWENTY-FOURTH AVE 225
S Lincoln Way (H) S 25x E 120 OL 650
All work for two-story frame flats.
Owner.....C. W. Hanna, 1385 19th
Ave., San Francisco.

Architect.....None.
Contractor.....William C. Hamerton &
Son, 1301 Waller, S. F.

Filed June 2, '13. Dated May 28, '13.
Frame up, roof rafters placed.....\$1075

Brown coated and front of build-
ing trimmed.....1075

Completed.....1075
Usual 35 days.....1075

TOTAL COST, \$4300
Bond, limit, forfeit, none. Plans and
specifications filed.

(2045) W STOCKTON 75 N Washing-
ton N 67-6xW 105. All work for 3-
story Class "C" stores and rooms.
Owner.....A. P. Giannini Co.

Architect.....W. D. Shea, 244 Kearny,
San Francisco.

Contractor.....Frank Rolandi, 550 Mont-
gomery, San Francisco.

Filed June 2, '13. Dated May 29, '13.
2nd story joists set.....\$4825

3rd story joists set.....4000
Composition roof on.....4000

Plaster completed.....4000
Completed and accepted.....4550

Usual 35 days.....7125
TOTAL COST, \$28,500

Bond, none. Limit, 100 days. Forfeit,
\$10. Plans and specifications filed.

(2046) N GREEN 86-6 E Baker E 26 N
112-6 W 24 S 25 W 1 S 87-6. Exca-
vation, grading, concrete and arti-
ficial stone for foundation, reinforce-
ment rods, etc., for two-story and
basement frame flats.

Owner.....Robina R. Slack.

Architect.....Bernard J. Joseph, 1st Na-
tional Bank Bldg., S. F.

Contractor.....L. M. Zimmerman, 130
Jessie, San Francisco.

Filed June 2, '13. Dated May 27, '13.
Excavation and grading for rear
bulk head and piers completed.....\$600

Completed and accepted.....417
Usual 35 days.....750

TOTAL COST, \$1767
Bond, \$900. Sureties, B. C. Allyn and
N. Andersen. Limit, 30 days. Forfeit,
none. Plans and specifications filed.

(2047) NOS. 1345-1353 FILLMORE.
Brick work on S side, cross wall and
around entire rear, stock room to
have concrete floor, partition on N

side stock room, etc for building.
Owner.....Hale Bros., Inc., 5th and
Market, San Francisco.

Architect.....None.
Contractor.....J. F. Barrett and H. H.
Hill, Jr.

Filed June 2, '13. Dated May 27, '13.
On completion.....75%

Usual 35 days.....25%
TOTAL COST, \$1400

Bond, \$700. Surety, American Bonding
Co. of Baltimore. Limit, 20 days. Forfeit,
none. Plans and specifications,

none.

(2048) NW OCTAVIA AND CEDAR
Ave N 22xW 77-1. Grading, concrete,
carpenter, mill, lath and plastering,
roofing, marble, tile, glazing and lin-
ing for three-story and basement
frame apartments.

- Owner.....Luigi Solari, 1427 Octavia,
San Francisco.
Architect...John J. Foley, 46 Kearny,
San Francisco.
Contractor...F. Fahy, 518 Noe, S. F.
Filed June 2, '13. Dated May 22, '13.
Frame up and roof on.....\$201.25
Brown coated 201.25
Completed and accepted..... 201.25
Usual 35 days..... 201.25
TOTAL COST, \$8045.00
Bond, \$4025. Surety, National Surety Co.
Limit, 160 days from notification.
Forfeit, none. Plans and specifications
filed.
- (2049) PAINTING, STAINING AND
varnishing on above.
Contractor..Henry Kunst.
Filed June 2, '13. Dated May 31, '13.
Building coat of prime, inside
stained and shellac\$324
Completed and accepted..... 324
Usual 35 days..... 217
TOTAL COST, \$865
Bond, \$432.50. Sureties, John Kunst
and J. J. Collins. Limit, 151 days after
notification. Forfeit, none. Plans and
specifications filed.
- (2050) NO. 244 POST. Carpenter, mill,
plaster, composition ornament, rough
hardware, etc., for alterations and
additions to loft building.
Owner.....S. & G. Gump Co., 268
Post, San Francisco.
Architect...Milton Lichtenstein, 111
Ellis, San Francisco.
Contractor..L. & E. Emanuel Inc., 144
12th, San Francisco.
Filed June 2, '13. Dated June 2, '13.
Woodwork delivered\$900
Completed and accepted..... 900
Usual 35 days..... 600
TOTAL COST, \$2400
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.
- (2051) W. POWELL 40 N Jackson.
Erect concrete foundation only.
Owner.....Beth. A. M. E. Church.
Architect...None.
Contractor..J. H. Hjul, Merchants' Ex-
change Bldg., S. F.
COST, \$400
- (2052) NE PERRY 200 SE Third. Re-
pairs and alter present building.
Owner.....B. Josephine O'Neil.
Architect...August Nordin, Mills Bldg.
San Francisco.
Day's work. COST, \$800
- (2053) SE BAKER AND FILBERT.
Minor repairs to store and dwlg.
Owner.....Conrad M. Hoffmann, 2608
Baker, San Francisco.
Architect...None.
Contractor..H. H. Alexander, 2319
Greenwich, San Francisco.
COST, \$400
- (2054) S TRUMBELL 175 W Condon.
One-story and basement frame dwlg.
Owner.....Frank W. Mowatt, 3218
26th, San Francisco.
Architect...None.
Contractor..W. S. Alexander, Burlin-
game.
COST, \$750
- (2055) N GEARY 100 E 35th Ave.
One-story and basement frame dwlg.
Owner.....Della Warren, 18th Ave.
and Fulton, San Francisco
Architect...None.
Contractor..G. S. Wisman, 3341 Cle-
ment, San Francisco.
COST, \$600
- (2056) 35 TWENTY-NINTH AVE 425
S Clement. One and one-half-story
frame residence.
Owner.....N. J. Nelson, 4248 23rd,
San Francisco.
Architect...None.
Day's work. COST, \$2000
- (2057) E SAN BRUNO 250 N 19th.
One-story and basement frame resi-
dence.
Owner.....G. Cavaglieri, 593 Potrero
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1250
- (2058) E SAN BRUNO 225 N 19th.
One-story and basement frame resi-
dence.
Owner.....G. Cavaglieri, 593 Potrero
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1250
- (2059) E SAN BRUNO 200 N 19th.
One-story and basement frame resi-
dence.
Owner.....G. Cavaglieri, 593 Potrero
Ave., San Francisco.
Architect...None.
Day's work. COST, \$1250
- (2060) W DOLORES 53 S 21st W 95x
S 25. Carpenter and mill work, lath,
plaster, brick work, grading and
concrete work for two-story and
basement flats.
Owner.....C. T. O'Leary, 3874 24th,
San Francisco.
Architect...John J. Foley, 46 Kearny,
San Francisco.
Contractor..N. A. Carlson, 936 Potrero
Ave., San Francisco.
Filed June 3, '13. Dated May 26, '13.
Frame up and roof on.....\$1322.50
Brown coated 1322.50
Completed and accepted..... 1322.50
Usual 35 days..... 1322.50
TOTAL COST, \$5290.00
Bond, \$2645. Sureties, A. Goldenson and
A. P. Bowley. Limit, 90 days. Forfeit,
none. Plans and specifications filed.
- (2062) S TWENTY-FOURTH 65 E
Bryant E 35xS 50. All work for one
story theatre building.
Owner.....John H. Rippe, 24th and
Bryant, San Francisco.
Supt.....Thos. Mitchell, 1370 Utah,
San Francisco.
Contractor..Jacob F. Neilsen, 2350 Bry-
ant, San Francisco.
Filed June 3, '13. Dated June 3, '13.
Rough frame up.....\$752
Plaster finished 752
Completed and accepted..... 752
Usual 35 days..... 752
TOTAL COST, \$3010
Bond, \$1500. Surety, The Actina Ac-
cident & Liability Co. Limit, 120 days.
Forfeit, \$5. Plans and specifications
filed.
- (2063) S GREENWICH 150 W Larkin
W 25xS 137-6. All work for two-
story and basement frame flats.
Owner.....Mae Marino, Rinaldo J. and
Ida M. Oliv.
Architect...C. O. Clausen, Phelan Bldg.
San Francisco.
Contractor..Ratto & Giannini, 232
Hartford, San Francisco.
Filed June 3, '13. Dated June 2, '13.
Frame up\$1190
Brown coated 1190
Completed and accepted..... 1190
Usual 35 days..... 1200
TOTAL COST, \$4770
Bond, \$2400. Sureties, A. Giannini and
- A. Ratto. Limit, 70 days. Forfeit,
none. Plans and specifications filed
- (2064) NOS. 642-644 SIXTH AVE, bet.
Balboa and Cabrillo. All work for
alterations and additions to make a
two-story frame building (flats).
Owner.....Emma Fry, Premises.
Architect...None.
Contractor..Mac Killop & Itagdale, 540
Anza, San Francisco.
Filed June 3, '13. Dated May 20, '13.
Rough frame completed.....\$650
Plaster on 650
Completed 650
Usual 35 days..... 650
TOTAL COST, \$2600
Bond, \$1300. Sureties, Angus and
Emily F. McKillop. Limit, 60 days.
Forfeit, none. Plans and specifications
filed.
- (2065) EXPOSITION SITE. All work
for construction of three fire sta-
tions.
Owner.....Panama-Pacific Interna-
tional Exposition Co.,
Service Bldg., S. F.
Architect...None.
Contractor..H. Chase.
Filed June 3, '13. Dated May 9, '13.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$37,781
Bond, \$21,000. Surety, National Surety
Co. Limit, 120 days. Forfeit, \$25.
Plans and specifications filed.
- (2066) EXPOSITION SITE. Construc-
tion and installation for bunkers for
gravel and crushed stone.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...None.
Contractor..Pringle, Dunn Co., 338
Pine, San Francisco.
Filed June 3, '13. Dated May 26, '13.
As work progresses..... 75%
Usual 35 days 25%
TOTAL COST, \$2341
Bond, \$1500. Surety, Massachusetts
Bonding & Insurance Co. Limit, 30
days from notification. Forfeit, \$10.
Plans and specifications filed.
- (2067) WITHIN PRESIDIO WITHIN
an area dist 1200 to 1300 SE of pres-
ent greenhouse knows as Tennessee
Hollow. All work for bath house.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...None.
Contractor..Gordon Construction Co.,
3905 Webster, S. F.
Filed June 3, '13. Dated May 16, '13.
As work progresses..... 75%
Usual 35 days 25%
TOTAL COST, \$1995
Bond, \$1250. Surety, American Bonding
Co. Limit, 30 days from notification.
Forfeit, \$10. Plans and specifications
filed.
- (2068) EXPOSITION SITE. Plumbing,
sewers, water and gas pipes for Man-
ufacturers Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., S. F.
Architect...None.
Contractor..Whitman-Lyman Co., 341
Minna, San Francisco.
Filed June 3, '13. Dated May 28, '13.
As work progresses..... 75%
Usual 35 days 25%

BUILDING AND INDUSTRIAL NEWS

TOTAL COST, \$17,930
Bond, \$10,000. Surety, Massachusetts Bonding & Insurance Co. Limit, 300 days. Forfeit, \$10. Plans and specifications filed

(2069) SE MUNICH AND NAPLES. One-story and basement frame dwlg. Owner.....Arthur G. Duncan, 520 Crocker Bldg., S. F. Architect...None. Contractor..Allen Bros., 4525 Mission, San Francisco. COST, \$1800

(2070) E NINTH AVE 50 N Ortega. Alter and change residence. Owner.....A. H. Johnson, 1848 9th Ave., San Francisco. Architect...None. Contractor..Wm. G. Zupar, 1095 Mission, San Francisco. COST, \$1200

(2071) SW ARLINGTON & CHARLES One and one-half-story and basement frame dwelling. Owner.....W. J. Sullivan, 18 Arlington, San Francisco. Architect...None. Contractor..Thomas McCormick, 25 Gladys, San Francisco. COST, \$1800

(2072) E ANDOVER 101-5 1/2 N Crescent. One-story and basement frame dwelling. Owner.....F. R. Webb, 2733 Mission, San Francisco. Architect...None. Contractor..Stephenson & Parry, 222 Raymond Ave., S. F. COST, \$1900

(2073) E TWELFTH AVE 100 N Clement. Two-story and basement frame (2) flats. Owner.....D. W. Saylor, 272 12th Ave., San Francisco. Architect...None. Contractor..Fred Roettger, 272 12th Ave., San Francisco. COST, \$4700

(2074) W FIFTEENTH AVE 279-3 N Clement. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco. Architect...None. Day's work. COST, \$2500

(2075) S MARKET 80 E New Montgomery. One-story and basement brick store. Owner.....Wethered Estate, Berkeley. Architect...Woodworth Wethered, 182 2nd, San Francisco. Day's work. COST, \$5000

(2076) NO. 6 BARTLETT ALLEY. Remove present floor and lay concrete floor. Owner.....Mar Lin Gut, 719 1/2 Sacramento, San Francisco. Architect...None. Contractor..F. H. Howard, Gerry and Buchanan, San Francisco. COST, \$450

(2077) E LARKIN 112 N Ellis. One-story and basement brick store. Owner.....H. C. Biggs, 550 Clement, San Francisco. Architect...None. Day's work. COST, \$1900

(2078) NO. 1683 SAN JOSE AVE. Raise, repair and alter dwelling.

Owner.....Geo. W. Dunn, Premises. Architect...None. Day's work. COST, \$100

(2079) W FIFTEENTH AVE 154-4 N Clement. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco. Architect...None. Day's work. COST, \$2500

(2080) W FIFTEENTH AVE 179-3 N Clement. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco. Architect...None. Day's work. COST, \$2500

(2081) NE BOWDOIN 106 NW Silliman. One-story and basement frame dwelling. Owner.....L. Mudrick, 65 Girard, San Francisco. Architect...None. Day's work. COST, \$500

(2082) NE O'FARRELL & WEBSTER Repair stores. Owner.....C. F. W. Vette, 1550 Fillmore, San Francisco. Architect...None. Contractor..A. Petry, 336 Pierce, S. F. COST, \$1550

(2083) S McALLISTER 15 W Market. Galvanized iron marquise. Owner.....Dunn's Buffet, 1104 Market, San Francisco. Architect...None. Contractor..Guilfooy Cornice Wks., 209 8th, San Francisco. COST, \$1000

(2084) E CASTRO 35 S 19th. Two-story and basement frame (4) flats. Owner.....Benedict Steinauer, Cor. 19th and Castro, S. F. Architect...O. E. Evans, 2367 Mission, San Francisco. Contractor..Carlson & Anderson, 382 Eureka, San Francisco. COST, \$6000

(2085) NW HAIGHT AND MARKET. Rat proof and erect concrete walls. Owner.....Hotelling Estate, Merchants' Exchange Bldg., San Francisco. Architect...None. Contractor..E. Leiter & Sons, Inc., 303 Sheldon Bldg., S. F. COST, \$1600

(2086) W FIFTEENTH AVE 204-3 N Clement. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco. Architect...None. Day's work. COST, \$2500

(2087) W FIFTEENTH AVE 229-3 N Clement. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco. Architect...None. Day's work. COST, \$2500

(2088) W FIFTEENTH AVE 254-3 N Clement. Two-story and basement frame dwelling. Owner.....F. Nelson, 30 Presidio Terrace, San Francisco. Architect...None. Day's work. COST, \$2500

(2089) SW GEARY AND STOCKTON. Install electric passenger elevator (gearless traction type).

Owner.....Emma G. Butler, Butler Bldg., San Francisco. Architect...None. Contractor..Van Emon Elevator Co., 54 Natoma, San Francisco. COST, \$7500

(2090) NO. 1753 GREENWICH (rear). One-story and basement frame dwlg. Owner.....F. Boicelli, Premises. Architect...Paul F. De Martini, 451 Columbus Ave., S. F. Day's work. COST, \$1800

(2091) NO. 761 TURK. Cut and frame elevator hatch, construct pent house over same, install automatic elevator and install wire and iron doors to same. Owner.....Geo. B. Elkins, Premises. Architect...A. D. Nicholson, Whittell Bldg., San Francisco. Contractor..Otto Carson, 1461 Hyde, San Francisco. COST, \$2700

(2092) N O'FARRELL 112-6 W Taylor W 25xN 37-6. All work for five-story and basement reinforced concrete building with basement (apartments) Owner.....Andrew Allen. Architect...O. R. Thayer, Merchants' National Bank Bldg., S. F. Contractor..J. B. Reite and B. R. Halling, 110 Jessie, S. F. Filed June 4, '13. Dated June 4, '13. 1st floor joists set.....\$3210 Concrete frame finished.....3210 Brown coated.....3210 Interior finish on.....3210 Completed and accepted.....3210 Usual 35 days.....5350 TOTAL COST, \$21,400

Bond, none. Limit, 125 days. Forfeit, none. Plans and specifications filed.

(2093) N GEARY 137-6 E Larkin E 47-6xN 137-6. Brick work, terra cotta flues and setting of 1st story terra cotta for six-story steel frame apartment building. Owner.....A. F. Schleicher, 1124 O'Farrell, San Francisco. Architect...Dunn & Kearns, Menad-neck Bldg., San Francisco. Contractor..M. A. Finnila and A. Seaholm.

Filed June 4, '13. Dated May 14, '13. Brick work up to 3rd story.....\$1000 Brick work up to 5th story.....2000 Brick work completed.....1200 Terra cotta set.....300 Usual 35 days.....1500 TOTAL COST, \$6000

Bond, none. Limit, 30 days after steel frame up. Forfeit, \$10. Plans and specifications, none.

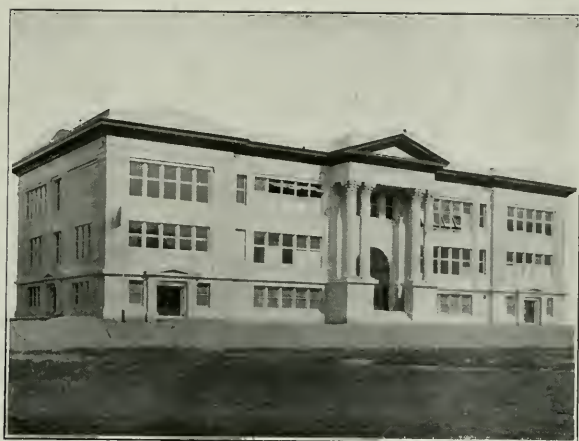
(2094) ON E SIDE EAST ST. Opp junction of South end Beale Street with E and Brannan. All work for re-driving of two outer corner cluster piles at Pier 34. Owner.....Western Pacific Railway Co., Mills Bldg., S. F. Architect...None. Contractor..Healy-Tibbitts Constr. Co., 9 Main, San Francisco.

Filed June 4, '13. Dated May 23, '13. On completion.....75% 30 days after.....25% TOTAL COST, \$2188 Bond, \$1091. Surety, Globe Indemnity Co. Limit, Commence 30 days after execution of contract and finish 15 days thereafter. Forfeit, none. Specifications only filed.



FOWLER HALL OF SCIENCE
Occidental College, Cal.

Myron Hunt, Architect
Los Angeles



WASHINGTON GRAMMAR SCHOOL
Richmond, Cal.

Louis Stone, Architect
Oakland & Stockton

(2095) S BUSH 107-6 W Montgomery W 30 S 103-1½ E 60 N 34-4½ W 30 N 68-9. All work for alterations and additions to three-story and basement building.

Owner.....Barbara Suter, 325 Bush, San Francisco.

Architect...Henry Shermund, Mills Bldg., San Francisco.

Contractor...Ruegg Bros., Pacific Bldg., San Francisco.

Filed June 4, '13. Dated June 4, '13.

Completed and accepted..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2097.50

Bond, none. Limit, 15 days. Forfeit, none. Plans and specifications filed.

(2096) SW FOURTH AND MARKET. Electric sign.

Owner.....S. N. Wood & Co., Premises.

Architect...None.

Contractor...Moise-Klinkner Co., 1212 Market, San Francisco.

COST, \$500

(2097) W FIFTH AVE 25 N Hugo. One-story frame garage.

Owner.....M. Jones, Premises.

Architect...None.

Contractor...L. Arthur & Son, 1230 1st Ave., San Francisco.

COST, \$400

(2098) NOS. 1226-28-30 WEBSTER. Repair fire damage.

Owner.....Union Trust Co., Market & Grant Ave., S. F.

Architect...None.

Contractor...Sass & Son, 648 California, San Francisco.

COST, \$800

(2099) W TAYLOR 137-6 S Turk. Seven-story and basement Class "C" stores and hotel.

Owner.....Mrs. Mary A. Hefferman, 3605 20th, San Francisco.

Architect...Beach, Hefferman & Matanovich, Hewes Bldg., S. F.

Day's work. COST, \$60,000

(2100) NW ELLIS AND MASON. Underpin wall.

Owner.....Jennie M. Blair.

Architect...Wm. Mooser.

Contractor...Pettersen & Persson, Lick Bldg., San Francisco.

COST, \$400

(2101) NW EIGHTH AND HOOPER. Two-story frame planing mill.

Owner.....G. Windler, 41 South Park, San Francisco.

Architect...None.

Day's work. COST, \$2000

(2102) SW NINTH 75 SE Harrison SW 100xSE 75 M B 44. All work except elevator and painting for alterations and additions to make three-story and basement Class "B" building.

Owner.....Richard I. Whelan, 2015 Webster, San Francisco.

Architect...Welsh & Carey, 712 Merchants' Bk., Bank Bldg., San Francisco.

Contractor...Clark & Ludwig, 24 California, San Francisco.

Filed June 5, '13. Dated May 29, '13.

1st floor rough slabs completed.....\$4000

2d floor rough slabs completed..... 3000

Roof slabs completed..... 2500

Elevator shaft and 3rd floor completed..... 2500

All floors and stairs completed..... 3000

Completed and accepted.....\$3367.50

Usual 35 days..... 6123

TOTAL COST, \$24,490.50

Bond, \$12,245. Surety, Guardian Casualty & Guaranty Co. Limit, 90 days.

Forfeit, \$10. Plans and specifications filed.

(2103) S CLAY 84-9 E Stockton E 52-0½xS 75-6. Steam heating system with boiler and hot water storage tank and heater for four-story and basement Class "C" hotel building.

Owner.....Jos. R. Ardien Euallie and Marie Bauchou, Care G.

Brown, Supt. Cal Market, San Francisco.

Architect...Herman Barth, 12 Geary, San Francisco.

Contractor...John G. Sutton & Co., 243 Minna, San Francisco.

Filed June 5, '13. Dated May 28, '13.

Work roughed in.....\$405

Completed and accepted..... 405

Usual 35 days..... 270

TOTAL COST, \$1080

Bond, \$540. Sureties, Peter F. Scott and H. M. Van Pelt. Limit, so as not to delay.

Forfeit, \$5. Plans and specifications filed.

(2104) ALL WORK EXCEPT HEATING and elevator machine on above.

Contractor...Wm. Little, 753 8th Ave., San Francisco.

Filed June 5, '13. Dated May 28, '13.

Concrete walls ready for 1st story floor joists.....\$3000

1st story walls, etc., up ready for 2nd floor joists..... 1700

2nd story walls up and ready for 3rd floor joists..... 1000

3rd story walls up and ready for 4th floor joists..... 1000

Brick work done and roof on..... 1500

Interior brown coated..... 3500

Standing finish on and doors hung and plaster done..... 4000

Completed and accepted..... 2846

Usual 35 days..... 6182

TOTAL COST, \$24,728

Bond, \$12,364. Surety, Massachusetts Bonding & Insurance Co. Limit, 125 days.

Forfeit, \$10. Plans and specifications filed.

(2105) ONE AUTOMATIC PASSENGER elevator on above.

Contractor...B. C. Van Emon, 235 First, San Francisco.

Filed June 5, '13. Dated.....

Machine delivered..... ½

Elevator running..... ½

Usual 35 days..... ½

TOTAL COST, \$1900

Bond, \$950. Surety, National Surety Co. Limit, none. Forfeit, none. Plans and specifications filed.

(2106) E POWELL 37-6 N Jackson N 40xSE 67-6. Plumbing, gas fitting, etc., for three-story and basement Class "C" store and rooms.

Owner.....J. A. Mackenzie.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor...H. J. Perazzi, 2237 Leavenworth, San Francisco.

Filed June 5, '13. Dated June 1, '13.

Roughed in.....\$506.25

Completed and accepted..... 506.25

Usual 35 days..... 337.50

TOTAL COST, \$1350.00

Bond, \$700. Sureties, J. H. Wright and Chas. Lauffer. Limit, 10 days after 2nd coat plaster on.

Forfeit, \$5. Plans and specifications filed.

(2107) EXCAVATION, CONCRETE. Reinforced concrete, iron and steel, carpenter and mill, thinning and galvanized iron, roofing, glazing, hardware, wall beds, lath and plaster, cementing, etc., on above.

Contractor...C. A. Jeffers and Tom Lomcono (as Latin Constr. Co.)

Filed June 5, '13. Dated June 4, '13.

3rd story joists on.....\$2625

Brown coated..... 2625

Completed and accepted..... 2625

Usual 35 days..... 2625

TOTAL COST, \$10,500

Bond, \$5500. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days.

Forfeit, \$15. Plans and specifications filed.

(2108) N TEHAMA 375 W Fifth. All work for two-story and basement frame apartments.

Owner.....Wilhelm Kirsch and Marie Siemon.

Architect...Jno. F. Haner, 3579 19th, San Francisco.

Contractor...Geo. V. McCausland, 4173 23rd, San Francisco.

Filed June 5, '13. Dated June 2, '13.

Frames up and roof rafters in place.....\$1300

Brown coated and rough plumbing completed..... 1300

Completed and accepted..... 1300

Usual 35 days..... 1300

TOTAL COST, \$5200

Bond, \$2600. Sureties, E. A. Hoadley and F. A. McCausland. Limit, 70 days after June 4.

Forfeit, \$5. Plans and specifications filed.

(2109) S TWENTY-SIXTH 125 E Valencia 30x75; also com. at pt 75 S from S 26th and 100 W Bartlett W 25x30. All work except mantels, grates, shades, finish hardware and gas fixtures for three-story and basement frame flats.

Owner.....Jos. and Emilia Lagomarsino, 3461 26th, S. F.

Architect...None.

Contractor...Giuseppe & P. Carraro, 750 Felton, San Francisco.

Filed June 5, '13. Dated April 22, '13.

Frame up.....\$2125

Brown coated..... 2125

Completed and accepted..... 2125

Usual 35 days..... 2125

TOTAL COST, \$8500

Bond, \$4250. Sureties, P. Ferreri and R. Borroni. Limit, 100 days after April 30.

Forfeit, none. Plans and specifications filed.

NOTE—1st report April 21, No. 1500.

(2110) N ELLIS 97-6 W Mason W 40x N 60. Steel frame construction of a seven-story steel frame lodging house.

Owner.....Charles C. Judson Co., 240 Post, San Francisco.

Architect...W. H. Weeks, 75 Post, S. F.

Contractor...Mortenson Constr. Co., 21st and Indiana, San Francisco.

Filed June 5, '13. Dated June 3, '13.

Fire escapes accepted.....\$800

At end of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$8540

Bond, \$4270. Surety, Fidelity & Deposit Co. of Maryland. Limit, 6 weeks after arrival in S. F.

Forfeit, none. Plans and specifications filed.

(2111) W FIFTH AVE 175 S Judah. Two-story frame dwelling.

Owner.....John Rench, 1345 12th Ave., San Francisco.

Architect...None.

Day's work. COST, \$3000

BUILDING AND INDUSTRIAL NEWS

(2112) NO. 36 MACONDRAY. Raise, add, build concrete foundation and porch.
Owner.....Christian Zinsli, 769 Francisco, San Francisco.
Architect...None.
Day's work. COST, \$700

(2113) NO. 817 SANSOME. Add one room of corrugated iron.
Owner.....Forbes Estate, Merchants' Exchange Bldg., S. F.
Architect...None.
Day's work. COST, \$400

(2114) NW GRANT AVE & MANILLA. Repair and alter store.
Owner.....Foster & Orear, 110 Sutter, San Francisco.
Architect...Alfred H. Jacobs, 110 Sutter, San Francisco.
Contractor..Fred Miller, 225 Dolores, San Francisco.
COST, \$500

(2115) N CLEMENT 50 E 16th Ave. Two-story and basement frame residence.
Owner.....F. Nelson, 30 Presidio Terrace, San Francisco.
Architect...None.
Day's work. COST, \$5000

(2116) W LEAVENWORTH 87-6 N Filbert. One-story brick garage (private).
Owner.....Dr. H. M. Engle, 1140 Filbert, San Francisco.
Architect...J. B. Ogborn, non-certified, Richmond, California.
Day's work. COST, \$600

(2117) SE FRANCISCO AND GRANT Ave. Concrete foundation and cement floors.
Owner.....Roma Macaroni Factory Co., Premises.
Architect...J. A. Porporato, 619 Washington, San Francisco.
Contractor..Delucchi & Company.
COST, \$500

(2118) SW DEVISADERO AND OAK W 90x5 50 WA 517. All work for alterations and additions to three-story frame building into stores and flats.
Owner.....Richey Riddell.
Architect...O'Brien Bros., Inc., Clunle Bldg., San Francisco.
Contractor..W. H. Bagge, 1256 Stanyan, San Francisco.
Filed June 6, '13. Dated June 3, '13.
Old partitions removed.....\$140
Stud partitions in and floored..... 1140
Exterior & interior brown coated 1140
Standing finish on..... 1140
Completed and accepted..... 1140
Usual 35 days..... 1900
TOTAL COST, \$7600
Bond, none. Limit, 60 days. Forfeit, \$5. Plans and specifications filed.

(2119) S BUSH 137-6 W Powell. Tin and galvanized iron work, no roof flashing included, for five-story apartment building.
Owner.....Walter J. O'Brien.
Architect...O'Brien Bros., Clunle Bldg., San Francisco.
Contractor..Gulfoff Cornice Wks., 209 8th, San Francisco.
Filed June 6, '13. Dated Mar. 31, '13.
On 1st of each month..... 75%
TOTAL COST, \$1450
Bond, limit, forfeit, none. Specifications only filed.

(2120) NE EDDY AND MASON N 55x W 82-6. Painting for seven-story re-

inforced concrete hotel and stores.
Owner.....Prior Estate by Macdonald & Kahn, Rialto Bldg., S. F.
Architect...Miller & Colmesnil, Lick Bldg., San Francisco.
Contractor..Burns Bros., 725 Webster, San Francisco.

Filed June 6, '13. Dated June 4, '13.
On 10th of each month..... 75%
36 days after..... 25%
TOTAL COST, \$1000
Bond, limit, forfeit, none. Plans and specifications filed.

(2121) INSTALLATION OF STEAM heating system on above.
Contractor..Atlas Heating & Ventilating Co., 4th and Freelan, San Francisco.

Filed June 6, '13. Dated June 4, '13.
Payments same as above.....
TOTAL COST, \$1690
Bond, \$845. Surety, American Surety Co. Limit, none. Forfeit, none. Plans and specifications filed.

(2122) PLASTERING WORK ON above.
Contractor..C. C. Morehouse, Crocker Bldg., San Francisco.
Filed June 6, '13. Dated June 3, '13.
Payments same as above.....
TOTAL COST, \$10,861
Bond, limit, forfeit, none. Plans and specifications filed.

(2123) ELECTRIC WORK ON ABOVE.
Contractor..Butte Eng. & Elec. Co., 655 Howard, San Francisco.
Filed June 6, '13. Dated June 5, '13.
Payments same as above.....
TOTAL COST, \$1825
Bond, \$915. Surety, National Surety Co. Limit, forfeit, none. Plans and specifications filed.

(2124) ORNAMENTAL IRON WORK on above.
Contractor..Sartorius Co., Inc., 15th and Utah, San Francisco.
Filed June 6, '13. Dated June 6, '13.
Payments same as above.....
TOTAL COST, \$2400
Bond, limit, forfeit, none. Plans and specifications filed.

(2125) N FIFTH AND JESSIE NW 75x NE 175. Painting for seven-story and basement reinforced concrete hotel building.
Owner.....Jas. B. Lankershim, Los Angeles by Macdonald & Kahn, Rialto Bldg., S. F.
Architect...Reid Bros., California-Pacific Bldg., S. F.
Contractor..Burns Bros., 725 Webster, San Francisco.
Filed June 6, '13. Dated June 4, '13.
On 15th of each month as work progresses..... 75%
36 days after, balance.....\$1350
TOTAL COST, \$5400
Bond, limit, forfeit, none. Specifications only filed.

(2126) ORNAMENTAL IRON WORK on above.
Contractor..Sartorius Co., Inc., 15th and Utah, San Francisco.
Filed June 6, '13. Dated June 6, '13.
On 15th of each month..... 75%
36 days after, balance.....\$950
TOTAL COST, \$3800
Bond, limit, forfeit, none. Specifications only filed.

(2127) PLASTERING ON ABOVE.
Contractor..C. C. Morehouse, Crocker Bldg., San Francisco.

Filed June 6, '13. Dated June 3, '13.
On 15th of each month..... 75%
36 days\$534.75
TOTAL COST, \$34,130.00

Bond, none. Limit, 75 days from filing. Forfeit, none. Specifications only filed.

(2128) S OAK 156-3 W Clayton W 50x S 137-6. Papering, painting, varnishing, etc., for alterations for three-story and basement apartments.
Owner.....Robt. Wieneke, 1655 Oak, San Francisco.

Architect...L. M. Welsmann & Son, Pacific Bldg., S. F.
Contractor..Otto Schultz & Co.

Filed June 6, '13. Dated May 8, '13.
Outside and inside primed.....\$325
1st coat of interior varnish on..... 325
Completed and accepted..... 325
Usual 35 days..... 325
TOTAL COST, \$1300

Bond, \$650. Sureties, Sophie M. Schultz and Julia Wise. Limit, none. Specifications only filed.

(2129) W PALM AVE (Michigan Ave) 226-4 S Euclid (Richmond Ave) S 33-4 xW 120. Carpenter, mill, stair, labor, foundation, artificial granite, marble, mosaic, galvanized iron, electric, patent chimneys, hardware, roof, brick, tinning, grading, etc., for two-story and basement frame residence.
Owner.....Mrs. C. F. W. Webber Jr., 71 3rd, San Francisco.

Architect...L. M. Wiesmann, Pacific Bldg., San Francisco.
Contractor..Jacob Witzelsburger, 126 Rousseau, San Francisco.
Filed June 6, '13. Dated May 27, '13.
Frame enclosed\$1775
Brown coated 1775
Completed and accepted..... 1775
Usual 35 days..... 1775
TOTAL COST, \$7100

Bond, \$3550. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days from May 27. Forfeit, none. Plans and specifications filed.

(2130) PLUMBING, SEWERING, GAS and water fitting piping, service connections on above.
Contractor..George Haub, 1945 Union, San Francisco.

Filed June 6, '13. Dated May 30, '13.
Roughed in\$370
Completed and accepted..... 185
Usual 35 days..... 185
TOTAL COST, \$740

Bond, \$370. Sureties, Chas. Schlesinger and R. Ringrose. Limit, forfeit, none. Plans and specifications filed.

(2131) PAINTING, PAPERING, TINTING and varnishing on above.
Contractor..Fred Wagner, 2830 Harrison, San Francisco.
Filed June 6, '13. Dated May —, '13.
Outside and inside primed.....\$345
Completed and accepted..... 345
Usual 35 days..... 230
TOTAL COST, \$920

Bond, limit, forfeit, none. Plans and specifications filed.

(2132) SE ELLIS AND JONES. Tiling and mosaic work for building.
Owner.....The Board Realty Corporation by Brandt & Stevens, 110 Jessie, San Francisco.
Architect...Smith & Stewart, 244 Kearny, San Francisco.

Contractor..John Petrovitsky.
Filed June 6, '13. Dated Nov. 30, '12.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3485
Bond, limit, forfeit, none. Plans and specifications, none.

(2133) NW FILLMORE & ELLIS. Erect 3 metal roof signs.
Owner.....The Peninsula Rlty Co.
Butler Bldg.
Architect...None.
Contractor...J. Chas. Green, 273 Valencia street.

COST \$1000

(2134) SW MADISON 50 NW FELTON.
One story base frame dwelling.
Owner.....Erick Evers, 1125 Kansas street.
Architect...None.
Day's work.

Cost, \$500

(2135) 156 COLUMBUS AVE. Install stairs, erect arch, remove transom.
Owner.....George Kelley, Hotel Alexander.
Architect...None.
Contractor...Chas. Coburn, 1621 Cal. st.

COST \$400

(2136) E EIGHTH AVE 175 S Cabrillo.
Two-story and basement frame (2) flats.

Owner.....Mrs. Anna R. Marsh, 418 Raymond Apts., Franklin and Market, San Francisco.
Architect...None.

Day's work. COST, \$1400

(2137) S KIRKWOOD 275 E Phelps.
One-story and basement frame dwlg.
Owner.....P. W. Montrouil, 255 Moultrie, San Francisco.

Architect...None.
Day's work. COST, \$1000

(2138) SW PERSIA 50 NW Lisbon.
One-story and basement frame dwlg.
Owner.....W. Karleski, 128 Morris Ave., San Francisco.

Architect...None.
Day's work. COST, \$600

(2139) NO. 62 BRUCE AVE. One-story and basement frame dwelling.
Owner.....L. Levenberg, Premises.
Architect...None.

Day's work. COST, \$500

(2140) W FILLMORE, bet Lombard and Chestnut. Uncompleted work.
Owner.....V. D. Virgilio & Co.
Architect...None.

Contractor...California Steel Monolithic Co., 10th and Howard, S. F.

Filed June 7, '13. Dated June 3, '13.
\$1500 in weekly installments....

Usual 35 days. TOTAL COST, \$2000

Bond, \$4000. Surety, United States Fidelity & Guaranty Co. Limit, 30 days after June 9. Forfeit, none. Plans and specifications, none.

(2141) N JACKSON 114 E Front E 45 N 60 W 20 N 60 W 25 S 120. All work for three-story Class "C" lodging house and a two-story mill building (stable).

Owner.....S. Nathan.
Architect...Wm. Mooser, Nevada Bank Bldg., San Francisco.

Contractor...Pettersen & Persson, Lick Bldg., San Francisco.

Filed June 7, '13. Dated June 4, '13.
On 1st of each month.....

Usual 35 days. TOTAL COST, \$27,672

Bond, \$15,000. Sureties, H. C. Bennett and H. L. Petersen. Limit, 120 days. Forfeit, \$20. Plans and specifications filed.

(2142) SE CLAY and TAYLOR S 59-9 XE 30. All work except walls beds, steam heating, hot water system, fire escapes, finish hardware, lighting fixtures, window shades and wall paper for three-story and basement apartment and store building.

Owner.....Jas. Ward.
Architect...C. O. Clausen, Phelan Bldg San Francisco.

Contractor...Chas. Coburn, 4030 20th, San Francisco.

Filed June 7, '13. Dated June 5, '13.
2nd floor joists set.....\$1950

Frame up 1950
Brown coated 1950

Standing finish on 1950
Completed and accepted 1950

Usual 35 days. TOTAL COST, \$13,000

Bond, \$6500. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FIRE LIMIT REPORT.

Applications filed with the Bureau of Building Inspection during the past week for "Fire Down" permits in the Fire Limits.

Symon Bros. No. 15 Spear Street. One-story frame.

Symon Bros. Nos. 53-55 Market St. One-story frame.

Symon Bros., Nos. 5-25 Columbus Ave. One-story frame.

Hugh McKeivitt, Nos. 523-25 Hyde Street. One-story frame.

Symon Bros. Nos. 8-10-12 Sacramento Street. One-story frame.

McCann & Johnson. SE 8th and Market Streets. One-story frame.

NOTICE OF NON-RESPONSIBILITY.

June 7, 1913—LOT 25 BLK "I." Mission Terrace. Mission Terrace Co as to improvements on leased property

COMPLETION NOTICES.
SAN FRANCISCO.

June 2, 1913—SW SIXTH 25 SE Mission SE 60xSW 75. Edw H Mitchell to Otis Elev Co.....May 22, 1913

June 2, 1913—W TENTH AVE 150 S Mission 25x120. George Dingwall to E Nelson.....

June 2, 1913—W PORTIETH AVE 100 N Anza N 25xW 120. Michael and Anna Thell to W C Nicolaides and F Burghard.....May 14, 1913

June 2, 1913—W WEBSTER 26 S Greenwich 25x85. G Monteverde to Frank Rossi.....May 29, 1913

June 2, 1913—LOT 33 BLK 22, Crocker Est Tract Sub No. 1. Edward Daniels to whom it may concern

June 2, 1913—E FIRST 80 S Howard S 76-84xE 84. Selby Smelting & Lead Co to Chas Deubel & Co.....

June 2, 1913—N MISSION 91-8 E Main. Mrs E N Huntington to Frank Lindsay.....May 23, 1913

June 2, 1913—E BOUTWELL 289.60 N Silver Ave — 25 E 100 S 25 W 100. Herman A Mast to Stevenson & Gowan.....Completed —

June 2, 1913—ON CALIFORNIA N. E. side of Blk bdd by California, Jones, Sacramento and Taylor.

Grace Cathedral Cpn to Fordey Cornice Works.....May 28, 1913

June 2, 1913—N HENRY 96 W Noe W 26xN 114. C S Counter to Wm C Hamerton & Son.....May 31, 1913

June 3, 1913—N GREEN 23-2 E Larkin 23x70-7½. G Barbageletta to B Pagano.....June 2, 1913

June 3, 1913—N McALLISTER 164-9 W Van Ness Ave W 52-6xN 120. Albert J Frankhauser to L G Berggren & Son and Itainey & Phillips

June 3, 1913—E COLE 52-6 S 17th S 25xE 100. W T Behrens and R Behrens to M C Rench.....June 3, 1913

June 3, 1913—NW HOWARD 70 SW Third SW 40xNW 80. Clara Bihbero to Frank W Whitney & Wm T Davies (Copartners as Whitney & Davies).....May 28, 1913

June 3, 1913—NE LAKE AND 24TH Ave E 70 N 90 E 10 NE 36-40 N 35 W 90 S 160 Lots 16, 17 and 18 and W ½ of 15, West Clay Park. Hilda S Neubauer to O C Holt.....May 24, 1913

June 3, 1913—W ARGUELLO BLVD (First Ave) 25 N Hugo N 50xW 95. Frederick Krause to Wm C Hamerton & Son.....May 31, 1913

June 4, 1913—N SIXTEENTH, bet Rhode Island and De Haro. The West Coast Iron Co to Mortensen Constr Co.....June 3, 1913

June 4, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Investment Co to Harry G Graper.....June 2, 1913

June 4, 1913—S SACRAMENTO 40 E Franklin E 40xS 87-8½. Max and Dora Kolander to F G Denke.....

June 4, 1913—W TWELFTH AVE 250 S Lake S 25 W 120 N 25 th to beg. J Freechile to P Tyler.....June 4, 1913

June 4, 1913—NW BUSH AND VAN Ness Ave N 60xW 100. Jas P Sweeney to J J Connolly & Son.....

June 4, 1913—E MANCHESTER 362-6 N Stoneman 18-9x80. V Cancella and Rose Cancella to Tony Agrasso and S Agrasso.....May 27, 1913

June 3, 1913—SV CALIFORNIA AND Leidesdorff. The Insurance Exchange Inc as agents to Markle & Roberts.....May 29, 1913

June 5, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Healy-Tibbitts Construction Co.....June 2, 1913

June 5, 1913—E GRANT AVE 68-9 S Union 68-9x137-6. G A and B Pinocchio and S Firpo to B Pagano.....

June 5, 1913—PREMONT NOS. 191-193. Aaron Levy to F A Klein.....June 5, 1913

June 5, 1913—SE PACIFIC & LARKIN S 35xE 68-9. Rousseau Realty Co to whom it may concern.....June 4, 1913

June 5, 1913—NW POST & TAYLOR W 60xN 30. B Hersch & B Heskins to Brode Iron Works.....May 26, 1913

June 5, 1913—N BUSH 88-6 E Jones. E L Hueter to Wm H Henning.....

June 5, 1913—NE PINE AND JONES N 82-6xE 42. Theo J Roche to C P Moore Bldg Co.....June 4, 1913

June 5, 1913—N SUTTER 122-9 W Sansome W 122-3xN 137-6. Chas Holbrook to Mangrum & Otter.....

June 5, 1913—S MARKET & BRADY SW 75xSE 124. The Sierra Invest Co to Frank Malino.....May 24, 1913

June 5, 1913—SV GRANT AVE AND Harlan Place. A D Baldwin to Mortensen Constr Co.....May 29, 1913

June 6, 1913—SE SEVENTEENTH & Church E 30xS 93. J C Bernal to

G D Patterson Co. June 5, 1913.
 June 6, 1913—NW BUSH & SANSOME
 N 137-6xW 67-6. Standard Oil Co
 to Roebeling Constr Co, May 24; C
 C Morehouse May 26, 1913
 June 6, 1913—BLK. BDED BY ARMY,
 Valencia, Duncan and San Jose Ave.
 St. Luke's Hospital to Holbrook,
 Merrill & Stetson and Edward
 Healy June 5, 1913
 June 6, 1913—ON CALIFORNIA ST.
 side of Block bded by California,
 Jones, Taylor and Sacramento.
 Grace Cathedral Corporation to
 Taylor & Goericke June 5, 1913
 June 6, 1913—W GRAND VIEW AVE,
 bet 22nd and Alverado 33x81-1. May
 C Coburn to whom it may concern
 May 31, 1913
 June 6, 1913—N SACRAMENTO 200 E
 Drumm N 59-9x E 25. Union Pacific
 Salt Co to A M Wallen. May 29, 1913
 June 6, 1913—S BRYANT AND ZOE
 SW 125xSE 160. Shreve & Co to
 Clinton Fireproofing Co. May 29, 1913
 June 6, 1913—W KEARNY 117-6 S
 Union 20x80. Luigi Silvestri and
 Vincinze Dito to F C Ameroso
 June 5, 1913
 June 7, 1913—N EIGHTEENTH 75 E
 Arkansas. Francisco Maggi to B
 W Demarais June 2, 1913
 June 7, 1913—NW SACRAMENTO &
 Powell N 52xW 91-6. Clay M
 Greene, Wm Greene, Frances M
 Greene, Ursula Greene Sawyer to
 Golden Gate S & O I Wks. May 30, '13

LIENS FILED.

San Francisco.

May 29, 1913—LOT 527 Gift Map No.
 3. John Hoeppeen vs Mary Staehel
 \$37.50
 June 2, 1913—W BAKER 100 S Ful-
 ton S 25xW 125. John Cassaretto
 vs F Peterson \$62
 June 3, 1913—E SECOND AVE 325
 S Balboa (B) S 25x E 120. Louis
 Helbing vs John and Amanda Her-
 mann \$20.90
 June 3, 1913—E TWELFTH AVE 175
 N Noriega N 25xE 120. R S K Mac
 Millen vs Joe Francis and J W
 Wright \$641
 June 4, 1913—W LISBON 125 N Persia
 W 100xN 100. Mission Lumber
 Co vs Atlas Home Makers and L R
 French \$156.25
 June 4, 1913—W DIAMOND 61.36 N
 Arbor N 30.01xW120; Lot 6 Add'n
 to Castro St. Add'n and Glen Park
 Terrace. Frank H De Guerre vs
 Mrs Jean and J W Cochran \$50
 June 4, 1913—S BUSH 82-6 W Powell
 W 27-6xS 137-6. William G Gil-
 mehr vs G W Bishop & J A Duarte
 (Bishop & Duarte) and Isabel B
 Mouser \$1750
 June 5, 1913—W LISBON 125 NE
 Persia Ave NE 100x100. B Segal,
 \$21; B Hays, \$38.50; B Schroyer, \$7;
 B McHugh, \$38.50; Chas Brunzell,
 \$27.50; Ed Holsworth, \$21 vs Atlas
 Home Makers of S F
 June 6, 1913—E 24TH AVE, 195 N
 Lake, N 35xE 90. A. Jensen vs.
 Rose and Henry Mauser and O. B.
 Arthur \$288.27

ABANDONMENT OF HOMESTEAD.

June 2, 1913—S SIXTEENTH & E
 Filbert S 33.17xE 120, Okd. Fred-
 erick and Annie M Osborn.

OAKLAND AND ALAMEDA COUNTY.

APARTMENT HOUSE—3 story and
 base, frame, \$23,000. Oakland, Cal.
 Architects, Thomas & Oliver, Pantages
 Theatre Bldg., Oakland. Owner, Annie
 M. Spellman. The building will be
 erected at the corner of 25th street
 and Telegraph avenue, and will be ar-
 ranged for stores on the first floor and
 42 rooms on the upper two floors.
 Suites will consist of two and three
 rooms with private bath. Interiors
 will be finished in pine with some hard-
 wood panels. A central heating system
 will be installed. Bath rooms will be
 finished in cement plaster. All suites
 will have wall beds. Exterior of the
 building will be covered with pressed
 brick and cement plaster on metal
 lath. Construction will be handled by
 E. Sommarstrom, 302 East 12th street,
 and is to be done by Day Labor.

APARTMENT HOUSE—3 story and
 base, frame, \$15,000. Oakland, Cal. Ar-
 chitect, J. H. Boehrer, Delger Bldg.,
 Oakland. Owner, Mrs. Virginia Remil-
 hard, Supt. A. Legault, Delger Bldg.,
 Oakland. The building will be erected
 on 22nd street east of Grove, and has
 been arranged to contain six suites of
 two rooms and bath. Interior finish
 will be of pine with some hardwood
 veneer. Bath rooms will be finished in
 cement plaster and tile wainscot. A
 central heating system or gas radiators
 will be installed. All suites will be
 equipped with wall beds. The exterior
 of the building will be covered with
 rustic. Plans are complete and the
 work will be done by Day Labor.

APARTMENT HOUSE—6 story and
 base, brick and steel, \$70,000. Oakland,
 Cal. Architect, Charles W. McCall,
 Central Bank Bldg., Oakland. Owner's
 name withheld. This building will be
 erected at the corner of 12th and Grove
 streets and is to cover an area of 50x
 100 feet. There will be seven stories
 on the ground floor while upper floors
 will be divided into 96 rooms, ar-
 ranged in two and three room suites
 with private bath rooms. Plans pro-
 vide for steam heat, elevator service,
 wall beds, a vacuum cleaning system
 and hot water supply. Interior finish
 will be of pine and hardwood. Bath
 rooms will be finished in cement plas-
 ter and tile wainscot. There will be
 patent store fronts. Exterior of the
 building will be faced with pressed
 brick and terra cotta. Plans are now
 being prepared.

APARTMENT HOUSE—3 story and
 base, frame, \$25,000. Oakland, Cal. Ar-
 chitect, George L. Streshley, Lick Bldg.,
 S. F. Owner's name withheld. The
 building has been mentioned in these
 columns before when the architect was
 first commissioned to prepare plans.
 The building will contain a number of
 two and three room apartments on the
 upper floors and stores on the first
 floor. Interior finish will be of pine
 with some elm panels. There will be
 steam heat. All suites will have pri-
 vate bath rooms and wall beds. A hot
 water supply will be installed. Bath
 rooms will be finished in cement plas-
 ter. The exterior of the building will
 probably be covered with cement plas-
 ter on metal lath. Plans are complete
 and figures are to be called for at once.

RESIDENCE — 2 story and base,
 frame, \$3,600. Piedmont, Alameda Co.,
 Cal. Architect, W. H. Judson, Albany
 Bldg., Oakland. Owner, Mr. Embury.

The house has been designed for a
 seven-room dwelling with all modern
 conveniences. The interior will be fin-
 ished in pine and hardwood with hard-
 wood floors in the living room, dining
 room and reception hall. There will be
 furnace heat and open fire place. Man-
 tel will be of brick. Tile will be used
 in the bath room and kitchen. The ex-
 terior of the house will be covered
 with cement plaster on metal lath.
 Plans are now being prepared for the
 work.

RESIDENCE — 2 story and base,
 frame, \$5,000. Livermore, Alameda Co.,
 Cal. Architect, none. Owners, Coast
 Manufacturing and Supply Co. and T.
 W. Norris. The dwelling will be erected
 on property adjacent to the new plant
 of the company. Interior will be fin-
 ished in pine and hardwood. Plans
 provide for furnace heat and open fire
 places. Mantels will be of brick. Tile
 will be used in the bath rooms and
 kitchen. Exterior of the dwelling will
 be covered with cement plaster on
 metal lath. Plans are complete and
 figures are now being taken.

RESIDENCE — 2 story and base,
 frame, \$5,000. Berkeley, Alameda Co.,
 Cal. Architect, none. Owner, Louis
 Engler, 2721 Haste St., Berkeley.
 The dwelling has been designed for a nine-
 room house with bath and sleeping
 porch. Interior finish will be of pine
 throughout. Some hardwood floors are
 specified. Plans provide for furnace
 heat and an open fire place. Mantel
 will be of tile. Tile will be used in the
 bath room and kitchen. Exterior of
 the dwelling will be covered with ce-
 ment plaster. Plans are in the hands
 of the owner and the work will be done
 by Day Labor. He is now purchasing
 all materials.

BUNGALOW — 1 story and base,
 frame, \$2,100. Fruitvale, Alameda Co.,
 Cal. Architect, W. H. Judson, Albany
 Bldg., Oakland. Owner, Mr. Hauser-
 mann. The dwelling has been designed
 for a five-room house with bath. In-
 terior finish will be of pine throughout.
 Hardwood floors will be used in two
 rooms. There will be a large open fire
 place in the living room with brick
 mantel. Tile will be used in the bath
 room and kitchen. Exterior of the
 dwelling will be covered with rustic.
 Plans are now being prepared.

RESIDENCE — 2 story and base,
 frame, \$3,500. Oakland, Cal. Architect,
 none. Owners, United Home Builders,
 1762 Broadway, Oakland. The dwelling
 will be erected on 4th avenue, and has
 been designed for a seven-room house
 with bath. Interior will be finished in
 pine and some hardwood panels. Hard-
 wood floors will be used in the prin-
 cipal rooms. There will be furnace
 heat and open fire places. Mantels will
 be of brick and tile. Tile will be used
 in the bath room and kitchen. An au-
 tomatic water heater will be installed.
 Exterior of the dwelling will be cov-
 ered with cement plaster on metal lath.
 A vacuum cleaning system is also spe-
 cified. Plans are complete and the
 work will be done by Day Labor.

RESIDENCE — 2 story and base,
 frame, \$18,000. Livermore, Alameda Co.,
 Cal. Architect, none. Owners, Const
 Mfg. and Supply Co., and Albert M.
 Merritt. This dwelling is to contain
 twelve rooms, baths and sleeping porch.
 Interior will be finished in pine and
 hardwoods. Hardwood floors will be
 used in the principal rooms. Plans
 provide for furnace heat and open fire

places. Mantels will be of brick and tile. An automatic water heater will be installed. Bath rooms will be finished in tile. The exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE—2 story and base, frame, \$3,000. Berkeley, Alameda Co., Cal. Architect, none. Owner, Peter Fredrickson, 302½ Fulton St., Berkeley. The dwelling has been designed for a six-room house with bath and sleeping porch and will be erected on Yolo street. Interior finish will be of pine and hardwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

RESIDENCE AND GARAGE—1 story and base, frame, \$6,000 and \$1,000. San Leandro, Alameda Co., Cal. Architects, Newsom & Dixon, 512 Broadway, Oakland. Owner, Mr. Merrill. The dwelling will be erected in Broadmoor, and has been designed for an eight-room bungalow with baths and sleeping porch. A one-story frame garage will be erected at the rear of the lot. Interior finish of the residence will be of pine, white enamel and hardwood. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile and brick. Bath rooms will be finished in tile. There will be an automatic water heater installed. Exterior of both the residence and garage will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

MUSEUM AND OFFICE ADDITION—Frame construction. Cost not stated. Oakland, Cal. Architect, John J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Plans for the removal of the present office building to a new location and for the construction of new foundations for the same and for the construction of a one-story frame addition to the present Public Museum building have been completed and figures are now being called. Bids will be opened on June 12th by the Library Directors. Plans can be secured from Supervising Architect Donovan. An official proposal for the work appears in this issue.

FLATS—2 story and base, frame, Cost not stated. Oakland, Cal. Architect, Henry Sherman, Mills Bldg., & F. Owner, J. B. Cabana. The building will be erected at the corner of East 14th street and 9th avenue and will cover an area of 50x100 feet. There will be four stores and entrance on the first floor. Upper floor will be arranged for four flats of three and four rooms each with private bath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. Bath rooms will be finished in tile. There will be open fire places and tile or brick mantels. Patent store fronts are specified. Exterior of the building will be covered with V joint rustic. Plans are complete and figures are now being taken.

STATIONS—1 story, frame, \$1,500. San Leandro, Alameda Co., Cal. Architect, W. H. Judson, Albany Bldg., Oakland. Owners, Broadmoor Tract. A

small station is to be erected at the main entrance to the tract at once. Design is in the Mission style. Bids are now being taken for the carpentry work, plastering, sheet metal work, plumbing, painting, mill work and electric work. Mr. Judson will let all contracts separate.

OFFICE BUILDING—2 story and base, frame. Cost not stated. Livermore, Alameda Co., Cal. Architect, none. Owner, Coast Mfg. and Supply Co., Livermore. A two-story office building is about to be erected on the property of the Coast Mfg. and Supply Co. at the site of their new plant. Interior will be finished in pine throughout with some maple floors. There will be a central heating system. Exterior of the building will be covered with rustic. Plans have been completed and the work will be done by Day Labor. The owners are now purchasing all materials.

Building Contracts Awarded Oakland.

No.	Owner	Contractor	Am't.
1719	Carman	Carman	2000
1720	Walters	Dunbar	2250
1721	Union Ice	Williams	500
1722	Cames	MacGregor	100
1723	Nall	Nall	500
1726	Damaurette	Lassen	2100
1727	Remillard	Legault	35000
1729	Downey	Hays	1400
1730	Miller	Whitford	3500
1731	Glover	Verum	2000
1732	Dean	MacGregor	4850
1733	Hinch	Hinch	2500
1734	Whalen	Whalen	2500
1738	York	Kinney	2500
1739	Sullivan	Flittner	6262
1741	W O W	Leiter	9967
1740	Valentine	Valentine	500
1750	Arena	Meek	550
1752	Kemp	Kemp	2000
1753	Hinch	Hinch	2500
1754	Spellman	Sonmarstrom	23000
1755	Adams	Saxton	3848
1756	Connors	Bartlett	6000
1757	Verzie	Williams	8750
1764	Mansburg	Mansburg	2000
1765	Williams	Williams	1560
1766	Marcus	Barnett	1050
1767	Marcus	Barnett	1050
1768	Morris	Morris	1000
1769	Pleiffer	Angell	1950
1770	Rowland	Litton	500
1771	Heeseman	Baccus	50000
1772	Kilensburger	Lundberg	400
1773	Keane	Keane	1000
1779	Proudy	Proudy	1600
1780	Marzo	Legris	400
1781	Nygran	Peterson	2000
1782	Hambleton	Owner	1600
1784	Norcross	Nichols	7436
1785	Hoffman	Baccus	3900
1786	Mitchell	MacGregor	5179
1788	Broadwell	Broadwell	400
1789	Schulze	Schulze	1500
1790	Miller	Horton	1000
1792	Butler	Butler	2500
1793	Steffen	Steffen	1100
1793	Coit	Coit	2000
1794	Sheridan	Sheridan	2400
1795	Root	Jefferds	700
1796	Pfrang	Pfrang	2500
1797	Pfrang	Pfrang	2500

(1719) E PARK AVE 50 S E-16th, Oakland. One and one-half-story 6-room dwelling.
Owner.....S. Carman, Fruitvale.
Architect...None.
Days work. COST, \$2000

(1720) W THIRTY-EIGHTH AVE 300 N Santa Rita, Oakland. One-story 5-room dwelling.
Owner.....E. P. Walters, 2338 E-24th, Oakland.
Architect...None.
Contractor...S. H. Dunbar, 2338 E-24th, Oakland.
COST, \$2250

(1721) N TWENTY-SECOND 30 E FU-

bert, Oakland. One-story 1-room ice storage room.

Owner.....Union Ice Co., 354 Pine, San Francisco.

Architect...None.
Contractor...J. N. Williams, San Leandro.
COST, \$500

(1722) NO. 508 FRANKLIN, Oakland. Repairs.

Owner.....F. Cames, 5873 San Pablo Ave., Oakland.

Architect...None.
Contractor...C. M. MacGregor, 470 13th, Oakland.
COST, \$400

(1723) NO. 3424 SAN PABLO AVE., Oakland. Addition.

Owner.....Geo. C. Nall, 4320 Salem, Emeryville.

Architect...None.
Day's work. COST, \$500

(1726) LOT 30 BLK "D" Map Evoy Tract, Oakland. All work for two-story building.

Owner.....Mary Damaurette, Oakland

Architect...None.
Contractor...Lassen Bros., 4190 Shafter Ave., Oakland.

Filed June 2, 13. Dated May 31, '13.

Frame up ¼

Plastering completed ¼

Finish on ¼

Usual 35 days..... ¼

TOTAL COST, \$2100

Bond, none. Limit, 60 days after June 2. Forfeit, \$1. Plans and specifications filed.

(1727) W TWENTY-SECOND 86 E Grove, Oakland. Three-story 36-room apartments.

Owner.....Mrs. Virginia Remillard, 1575 Webster, Oakland.

Architect...J. H. Boehrer, Delger Bldg., Oakland.

Contractor...A. Legault, Delger Bldg., Oakland.
COST, \$15,000

(1729) W FIFTIETH AVE 166 S E-14th, Oakland. One-story 5-room dwelling.

Owner.....C. Dowling, 2026 Chestnut, Oakland.

Architect...None.

Contractor...J. A. Hays, 2022 Chestnut, Oakland.
COST, \$1400

(1730) S FORTY-SECOND 600 E Telegraph Ave., Oakland. Two-story 10-room flats.

Owner.....Dr. W. H. Miller, 463 41st, Oakland.

Architect...None.

Contractor...W. T. Whitford, 415 42nd, Oakland.
COST, \$3500

(1731) NW THIRTY-FIFTH AVE & Alexander Court, Oakland. One-story five-room dwelling.

Owner.....J. J. Glover, 552 33rd Ave., Oakland.

Architect...None.

Contractor...A. F. Werum, 3498 Foot-hill Boulevard, Oakland.
COST, \$2000

(1732) SE VALLE VISTA AND SUNNY Slope, Oakland. Two-story 8-room dwelling.

Owner.....W. E. Dean, Bacon Block, Oakland.

Architect...None.

Contractor...C. M. MacGregor, 470 13th, Oakland.
COST, \$4850

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San Francisco

(1733) S PLEASANT VALLEY 245 E
Piedmont Ave., Oakland. One-story
5-room dwelling.
Owner.....J. T. Hinch, 1542 Broad-
way, Oakland.
Architect...None.
Day's work. COST, \$2500

(1734) N FORTY-THIRD 200 E Grove,
Oakland. One-story 5-room dwlg.
Owner.....J. P. Whalen, 1542 Broad-
way, Oakland.
Architect...None.
Day's work. COST, \$2500

(1735) W JAMES AVE 324 N Clifton,
Oakland. One-story 7-room dwlg.
Owner.....O. S. York, San Francisco.
Architect...None.
Contractor..C. H. Kinney, 5788 Vin-
cente, Oakland.
COST, \$2500

(1739) BOUNDED ON N BY COUNTY
Road No. 1434, E by land A. Rogers,
S by land J. Marshall, M. Gullart, Mrs.
Lealo and 13 acre tract belonging to
owner on W by land Geo. Demont,
containing 65 acres, Eden Tp. All
work for one and one-half-story dwlg
Owner.....Margaret A. Sullivan, act-
ing for self and as trustee
for Elizabeth, J. C. R. T.,
Kate C., T. A. and M. G.
Sullivan, Eden Tp.
Architect...George R. Knox, 210 Estu-
dillo Ave., San Leandro.
Contractor..Joseph Flittner, 1700 35th
Ave., Oakland.
Filed June 3, '13. Dated June 3, '13.
Frame up 1/4
Enclosed and 1st coat plaster on 1/4
Completed and accepted..... 1/4

Usual 35 days..... 1/4
TOTAL COST, \$5262
Bond, \$2700. Surety, Southwestern
Surety Ins. Co. Limit, 90 days from
June 4. Forfeit, \$10. Plans and spec-
ifications filed.

(1740) E COLLEGE AVE 100 S Chan-
neling Way, Berkeley. Sheet metal
work for three-story frame apart-
ment house.
Owner.....Alameda County Home In-
vestment Co., 401 1st Nat'l
Bank Bldg., Berkeley.
Architect...W. H. Ratcliff Jr., 1st Na-
tional Bank Bldg., Bkly.
Contractor..City Cornice Works, 3020
Broadway, Oakland.
Filed June 3, '13. Dated May 23, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1193
Bond, \$597. Surety, Aetna Accident &
Liability Co. Limit, time necessary to
complete apartment. Forfeit, none.
Specifications only filed.

(1741) NW SIXTEENTH & JEFFER-
son W along 16th 150 N 85 E 50 N 15
E 100 S 100, Oakland. Inside finish,
doors, store fronts, etc., and furnish-
ing and putting up all other inside
finish for 5-story and basement brick,
steel and concrete building.
Owner.....Woodmen of the World
Bldg. Ass'n., Oakland.
Architect...F. D. Voorhees, Central
Bank Bldg., Oakland.
Contractor..E. T. Lefter & Sons, 3601
West, Oakland.
Filed June 3, '13. Dated May 27, '13.
1st day of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$9967

Bond, limit, forfeit, none. Plans and
specifications filed.

(1749) NO. 2036 THIRTEENTH AVE.,
Oakland. Alterations.
Owner.....H. H. Valentine, 1719 Santa
Clara Ave., Alameda.
Architect...None.
Day's work. COST, \$500

(1750) NO. 828 BROADWAY, Oakland.
Alterations.
Owner.....S. Arend, Premises.
Architect...None.
Contractor..T. H. Meek Co., 1157 Mis-
sion, San Francisco.
COST, \$550

(1752) N FIFTY-SIXTH 270 E Dover,
Oakland. One and one-half-story 7-
room dwelling.
Owner.....H. A. Kemp, 770 56th, Okd.
Architect...Geo. Anderson, 5456 Col-
lee Ave., Oakland.
Day's work. COST, \$2000

(1753) S PLEASANT VALLEY 275 E
Piedmont Ave., Oakland. One-story 5
room dwelling.
Owner.....J. T. Hinch, 1542 Broadway,
Oakland.
Architect...None.
Day's work. COST, \$2500

(1754) NE TWENTY-FIFTH AND
Telegraph Ave., Oakland. Three-
story 42-room apartments & 3 stores
Owner.....Annie M. Spellman, 696
18th, Oakland.
Architect...Thomas & Oliver, Pan-
tages Bldg., Oakland.
Contractor..E. Sommarstrom, 302 E-
12th, Oakland.
COST, \$23,000

(1755) N CLARK AVE 274 W Everett,
Oakland. Two-story 7-room dwlg.
Owner.....C. H. Adams, 3831 13th
Ave., Oakland.
Architect...None.
Contractor..E. Saxton, 4225 Terrace,
Oakland.
COST, \$3848

((1756) LOT 31 BLK "D" Map of Pled-
mont Knoll, Piedmont. All work for
two-story and basement dwelling.
Owner.....Mollie Connors.
Architect...Julia Morgan, Merchants'
Exchange Bldg., S. F.
Contractor..John M. Bartlett.
Filed June 4, '13. Dated June 3, '13.
Frame up, boarded in, chimneys
up and rough plumbing in..... 1/4
1st coat plaster on..... 1/4
Completed and accepted..... 1/4
Usual 35 days..... 1/4
TOTAL COST, \$6000
Bond, none. Limit, 75 days. Forfeit,
none. Plans and specifications filed.

(1757) NE CASTRO 120 SE "B" SE
44XNE 110, Hayward. All work for
two-story brick theatre and store
building.
Owner.....P. Verzie, Hayward.
Architect...Haar & Davis.
Contractor..O. H. Williams, Hayward.
Filed June 4, '13. Dated June 4, '13.
Excavation, foundation and brick
work in place up to bottom of
truss \$2000
Brick work completed, rough
framing completed and brown
coat on interior..... 1750
Completed and accepted..... 2812
Usual 35 days..... 2158
TOTAL COST, \$5750

Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

(1764) W GREENWOOD AVE 560 W Brighton Ave., Oakland. One-story 5-room dwelling.
Owner.....E. Massburg, 5301 Dover, Oakland.
Architect...None.
Day's work. COST, \$2000

(1765) W FIFTY-SEVENTH AVE 130 S E-16th, Oakland. One-story five-room dwelling.
Owner.....E. R. Williams, 1236 37th Ave., Oakland.
Architect...None.
Day's work. COST, \$1500

(1766) S THIRTY-FOURTH 75 W Louise, Oakland. One-story four-room dwelling.
Owner.....Mrs. Rose A. Marcus, 1461 34th, Oakland.
Architect...None.
Contractor...L. S. Barnett, 1237 7th, Oakland.
COST, \$1050

(1767) S THIRTY-FOURTH 100 W Louise, Oakland. One-story 4-room dwelling.
Owner.....Mrs. Rose A. Marcus, 1461 34th, Oakland.
Architect...None.
Contractor...L. S. Barnett, 1237 7th, Oakland.
COST, \$1050

(1768) W PERALTA AVE 120 S Nicol Ave., Oakland. One-story five-room dwelling.
Owner.....Wm. M. Morris, 2541 San Pablo Ave., Oakland.
Architect...None.
Day's work. COST, \$1600

(1769) E HILLEGASS 245 S 62nd, Oakland. One-story 6-room dwelling.
Owner.....W. F. Pfeiffer, 443 Alcatraz Ave., Oakland.
Architect...None.
Contractor...E. R. Angell, 365 61st, Okd.
COST, \$1950

(1770) NO. 2420 E-SIXTEENTH, Oakland. Addition.
Owner.....Chas. Rowland, Premises.
Architect...None.
Contractor...Roy B. Litton, 2326 26th Ave., Oakland.
COST, \$500

(1771) NW FIFTEENTH AND WASHINGTON, Oakland. Six-story Class "C" store and loft building.
Owner.....C. J. Heeseman and C. L. Hoffman, Oakland Bank of Savings Bldg., Oakland.
Architect...O'Brien & Werner, 68 Post, San Francisco.
Contractor...Wm. J. Baccus, 520 Oakland Ave., Oakland.
COST, \$50,000

(1772) NO. 656 SIXTY-SECOND, Oakland. Alterations.
Owner.....Mrs. Killensburger, Prem.
Architect...None.
Contractor...Lundberg & Courtright, 646 16th, Oakland.
COST, \$400

(1773) S FAIRVIEW (or 66th) 300 W Raymond, Oakland. One-story five-room dwelling.
Owner.....D. J. Keane, 2918 Telegraph Ave., Oakland.
Architect...None.
Day's work. COST, \$2000

(1779) E FAIRFAX AVE 880 N Ygnacio, Oakland. One-story 5-room dwelling.
Owner.....Ruby Proudly, 1662 14th, Oakland.
Architect...None.
Day's work. COST, \$1600

(1780) N FIFTY-FIFTH 125 W Vincente, Oakland. Repairs.
Owner.....J. Marzo, 486 55th, Okd.
Architect...None.
Contractor...C. F. Legris, 600 56th, Okd.
COST, \$400

(1781) E CONGRESS AVE 600 N Ygnacio, Oakland. One-story 6-room dwelling.
Owner.....Capt. A. W. Nygran, 1508 19th Ave., Oakland.
Architect...None.
Contractor...Peterson & Peterson, 1603 Golden Gate Ave., S. F.
COST, \$2000

(1782) S E-THIRTY-SIXTH 170 W Bruce, Oakland. One-story 5-room dwelling.
Owner.....Mabel L. Hambleton, 585 43rd, Oakland.
Architect...None.
Contractor...Fred Hambleton, 585 43rd, Oakland.
COST, \$1600

(1784) NE TWENTY-FOURTH AND Webster, Oakland. Remodel into stores and flats.
Owner.....G. V. Norcross, 808 Syndicate Bldg., Oakland.
Architect...None.
Contractor...Leo L. Nichols, Macdonough Bldg., Oakland.
COST, \$7436

(1785) NW 15TH AND WASHINGTON, th along Wabington N 69.55, W 59.34, S 30.92, E 44.88, Oakland. All work concrete foundations, footings, fireproofing, etc., sidewalk lights, sidewalks, granite curbs, reinforcing members, etc., for six-story and base class C store and loft building.
Owner.....Chas. L. Hoffman and Chas. L. Heeseman, Oakland Bk. of Svcs., Oakland.
Architect...O'Brien & Werner, 68 Post, San Francisco.
Contractor...Wm. J. Baccus, 520 Oakland Ave., Oakland.
Filed June 6, '13. Dated June 4, '13.
Completed and accepted..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3900
Bond, \$1950. Surety, National Surety Co. Limit, 23 days. Forfeit, \$10. Plans and specifications filed.

(1786) LOT 5 BLK "K" Map East Piedmont Heights, Oakland. All work for two-story and basement dwelling
Owner.....John J. Mitchell, Oakland.
Architect...None.
Contractor...C. M. MacGregor, 470 12th, Oakland.
Filed June 7, '13. Dated June 7, '13.

Rough frame up\$1276
Rough coat plaster on interior and exterior 1276
Completed and accepted..... 1277
Deed to lot and cottage at No. 867 35th street, Oakland, except for mortgage of \$1450 to be assumed by MacGregor
TOTAL COST, \$5179

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

(1788) NO. 2205 NINETEENTH AVE., Oakland. Alterations.
Owner.....M. L. Broadwell, Premises.
Architect...None.
Day's work. COST, \$400

(1789) E RHODA 725 N Carmel, Oakland. One-story 5-room dwelling.
Owner.....A. J. Schulze, 4006 Rhoda Ave., Oakland.
Architect...None.
Day's work. COST, \$1500

(1790) S LOMA VISTA AVE 88 S Kansas, Oakland. One-story 4-room dwelling.
Owner.....Mrs. C. Miller, 2732 13th Ave., Oakland.
Architect...None.
Contractor...J. D. Horton, 1310 S-Main, Oakland.
COST, \$1000

(1791) W LAWTON AVE 100 N Clifton Oakland. Two-story 8-room dwelling
Owner.....B. F. Butler, 333 49th, Okd
Architect...None.
Day's work. COST, \$2500

(1792) W CROSBY AVE 250 N Boulevard, Oakland. One-story 3-room dwelling.
Owner.....G. W. Steffen, 1976 15th, Oakland.
Architect...None.
Day's work. COST, \$1100

(1793) S CAVOUR 250 W Manila, Oakland. One-story 5-room dwelling.
Owner.....C. E. Coit, 1522 Broadway, Oakland.
Architect...Al. J. Mazurette, Bacon Bldg., Oakland.
Contractor...Roger Coit, 1522 Broadway, Oakland.
COST, \$2000

(1794) W SIXTY-FOURTH AVE 200 N E-14th, Oakland. One-story five-room dwelling.
Owner.....K. M. Sheridan, 1020 Broadway, Oakland.
Architect...None.
Day's work. COST, \$2400

(1795) NE ELEVENTH AND HARRISON, Oakland. Fire repairs.
Owner.....Mrs. Abbie Root.
Architect...A. W. Smith, 1010 Broadway, Oakland.
Contractor...A. Jefferts, 17th & Broadway, Care Meyers & White, Oakland.
COST, \$400

(1796) SW FOREST AND LOCKSLEY AVE., Oakland. One-story 5-room dwelling.
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

(1797) W BOYD AVE 285 N Clifton, Oakland. One-story 5-room dwelling
Owner.....C. J. Pfrang, 5487 Claremont Ave., Oakland.
Architect...None.
Day's work. COST, \$2500

Building Contracts Awarded

Berkeley.

No.	Owner	Contractor	Am't.
1724	Pfrang	Pfrang	2500
1725	United Bldrs	Owner	1800
1728	Ala Bldrs	Wiley	5000
1735	Kunz	Flutie	1000
1736	Hicks	Hicks	1400
1737	Engler	Engler	5000

1749	Ala Co Bldrs. City Cornice	1193
1751	Frederickson Owner	3000
1758	Fish Sairanen	8462
1759	Hinch Hinch	1950
1760	Grebs Ahnfeld	5234
1761	Chase Weltzel	2900
1762	Werner Werner	1500
1763	Caldwell Kollner	4500
1776	Whitley Allen	20
1783	Pi Beta Van Sant	13900
1787	Pi Beta Van Sant	13900

(Correction in Location)

(1687) N SHATTUCK AVE 311 E Marin, Berkeley. Two-story 7-room dwelling.

Owner.....C. M. Johnson, 2317 Carlton, Berkeley.

Architect...None.
Day's work. COST, \$4000

(1724) S ASHBY AVE 110 W California, Berkeley. One-story five-room dwelling.

Owner.....H. C. Pfrang, 5359 Shafter Ave., Berkeley.

Architect...None.
Day's work. COST, \$2500

(1725) W FLEURENCE 108 W Hopkins, Berkeley. One-story 5-room dwelling.

Owner.....United Home Bldrs., 1762 Broadway, Oakland.

Architect...None.
Day's work. COST, \$1800

(1728) W EL CAMINO ROAD 500 E Domingo, Berkeley. Two-story and basement and attic 8-room dwelling.

Owner.....Alameda County Home Builders, 1st National Bank Bldg., Berkeley.

Architect...F. M. May, 2145 Center, Berkeley.

Contractor..J. M. Wiley, 1718 Hearst Ave., Berkeley.

COST, \$5000

(1735) NO. 1321 ALCATRAZ AVE, Berkeley. Alterations.

Owner.....Mrs. F. Kunz, Premises.

Architect...None.

Contractor..Flutte & Morton, 180 Jessie, San Francisco.

COST, \$1000

(1756) N ANTHONY, bet. 5th and 7th, Berkeley. One-story 5-room dwlg.

Owner.....A. L. Hicks, 616 14th, Okd.

Architect...None.

Day's work. COST, \$1400

(1737) N VIRGINIA 250 W Euclid Ave., Berkeley. Two-story 9-room dwelling.

Owner.....Louis Engler, 2721 Haste, Berkeley.

Architect...None.

Day's work. COST, \$5000

(1751) S YOLO AVE 80 W Sutter, Berkeley. Two-story 6-room dwelling.

Owner.....Peter Fredrickson, 3021½ Fulton, Berkeley.

Architect...None.

Day's work. COST, \$3000

(1758) LOT 1 Elmwood Court Tract, Berkeley. All work for two-story and basement dwelling.

Owner.....Mrs. Chas. Fish, Berkeley.

Architect...Olin S. Grove, 2911 Telegraph Ave., Berkeley.

Contractor..Oscar Sairanen, 1142 Addison, Berkeley.

Filed June 4, '13. Dated June 3, '13

Frame up ¼

1st coat interior and exterior

plaster on ¼

Completed and accepted..... ¼

Usual 35 days..... ¼

TOTAL COST, \$8462.40

Bond, \$1232. Sureties, Maryland Casualty Co. Limit, 105 days. Forfeit, none. Plans and specifications filed.

(1759) S PRINCE 90 E Wheeler, Berkeley. One-story 5-room dwelling.

Owner.....E. M. Hinch, 395 Bellevue Ave., Oakland.

Architect...None.

Day's work. COST, \$1950

(1760) W TAMALPAIS 800 N Rose, Berkeley. Two-story 8-room dwlg.

Owner.....Emil Grebs, 1801 Francisco Berkeley.

Architect...None.

Contractor..Henry Ahnfeld, 3005 King, Berkeley.

COST, \$5334

(1761) E HENRY 100 N Vine, Berkeley. One-story 5-room dwelling.

Owner.....F. D. Chase.

Architect...None.

Contractor..John Weltzel, 1519 Grant, Berkeley.

COST, \$2000

(1762) E DOHR 100 S Ward, Berkeley. One-story 5-room dwelling.

Owner.....Chas. A. Werner, 2416 10th, Berkeley.

Architect...None.

Day's work. COST, \$1500

(1763) E PIEDMONT 200 S Dwight Way, Berkeley. Two-story 8-room dwelling.

Owner.....M. V. Caldwell, 2133 Essex, Berkeley.

Architect...None.

Contractor..Jacob Kollmer, 2753 Piedmont Ave., Berkeley.

COST, \$4500

(1776) W CHERRY 100 S Stuart, Berkeley. One-story 5-room dwlg.

Owner.....C. S. Whitey.

Architect...None.

Contractor..J. A. Allen, 3026 Hillegass, Berkeley.

COST, \$2000

(1783) N CHANNING WAY 100 E College Ave., Berkeley. Three-story 20-room sorority house.

Owner.....Pi Beta Phi House Corporation, Care T. Robinson, 1st Nat'l Bank, Okd.

Architect...Hutchinson Bros., 470 13th Oakland.

Contractor..Van Sant-Houghton Co., Hooker & Lent Bldg., S. F.

COST, \$13,900

(1787) S CHANNING WAY 100 E College Ave 50xN 101.5, Berkeley. All work for three-story and basement frame sorority house.

Owner.....Pi Beta Phi House Corp., Care T. Robinson, 1st Nat'l Bank Bldg., Berkeley.

Architect...Hutchinson Bros., 470 13th, Oakland.

Contractor..Van Sant-Houghton Co., Hooker & Lent Bldg., S. F.

Filed June 6, '13. Dated June 2, '13.

Frame up ¼

Brown coated ¼

Completed and accepted..... ¼

Usual 35 days..... ¼

TOTAL COST, \$13,900

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
1742	Young	Young	950
1743	West End Bldg.	Mehrtens	1500
1744	Strang	Strang	2500
1745	Peta Bldg.	Noble	1800
1746	Beadle	Landholm	1800
1747	Winters	Faust	2000
1748	Cole	Cole	600
1749	Owner	Contractor	Amt.
1752	Cole	Cole	2750
1753	Goldstone	Landholm	400
1754	Rockingham	Owner	1800
1755	Powell	Powell	2500

(1742) NO. 1214 PEACH, Alameda.

One-story dwelling.

Owner.....J. H. Young, 1249½ Park, Alameda.

Architect...None.

Day's work. COST, \$950

(1743) NO. 1513 LINCOLN AVE., Alameda. One-story dwelling.

Owner.....West End Bldg. Ass'n., 1600 Webster, Alameda.

Architect...None.

Contractor..H. G. Mehrtens, 1600 Webster, Alameda.

COST, \$1500

(1744) NO. 1326 PROSPECT, Alameda.

Two-story 6-room dwelling.

Owner.....F. N. Strang, 1330 Burbank Alameda.

Architect...None.

Day's work. COST, \$2500

(1745) NO. 1109 PARK, Alameda.

One-story dwelling.

Owner.....Petaluma Realty Co., Petaluma, Cal.

Architect...None.

Contractor..G. H. Noble, 2020 Central Ave., Alameda.

COST, \$1800

(1746) NO. 1200 SHERMAN, Alameda.

Garage.

Owner.....Theresa Beadle, Premises.

Architect...None.

Day's work. COST, \$1800

(1747) NO. 427 CENTRAL AVE., Alameda. Two-story 6-room dwelling.

Owner.....P. J. Winters, 425 Central Ave., Alameda.

Architect...None.

Contractor..Faust & Horst, 3884 Brighton Ave., Oakland.

COST, \$2000

(1748) NO. 3244 FERNSIDE BLVD., Alameda. One-story dwelling.

Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.

Architect...Leonard H. Ford, 2136 Center, Berkeley.

Day's work. COST, \$600

(1772) NO. 3244 FERNSIDE BOULEVARD, Alameda. One-story dwelling.

Owner.....Mark T. Cole, 703 Syndicate Bldg., Oakland.

Architect...Leonard H. Ford, 2136 Center, Berkeley.

Day's work. COST, \$2750

(1773) NO. 1825 LINCOLN AVE., Alameda. Addition.

Owner.....John Goldstone, 1821 Lincoln Ave., Alameda.

Architect...None.

Contractor..J. M. Lundholm, 1717 Wood Alameda.

COST, \$400

(1774) NO. 1824 WALNUT, Alameda.

One-story dwelling.

Owner.....J. H. Rockingham, 2856
Van Buren, Alameda.
ArchitectNone.
Day's work.....COST, \$1800

(1775) NO. 839 LAUREL, Alameda.
Two-story dwelling.

Owner.....Powell Bros. Constr. Co.,
2708 Harrison Ave., Ala.
Designer ...M. H. Fish, 1528 Court,
Alameda.

Contractor..Powell Bros. Constr. Co.,
2708 Harrison Ave., Ala.
COST, \$2500

Completion Notices.

ALAMEDA COUNTY.

May 31, 1913—W TELEGRAPH AVF
100 S 16th S 130 NW 103.95 SW
102.44 N 130 NE 90 NW 5.72 NE
112.89 SE 74 SW 100 SE 100, Okd.
Kahn Realty Co to Floodberg &
McCaffery.....May 24, 1913
May 31, 1913—N VIRGINIA 67½ W
8th 33 9-12x100, Bkly. Ira Sorkick
to F R Peake.....May 31, 1913
May 31, 1913—LOT 20 BLK 5 Map,
Claremont, Bkly. Mabel L Frisbie
to whom it may concern..May 31, '13
May 31, 1913—LOT 7 BLK 5 Map
Melrose Heights, Okd. Edgar O
Mills to Gordon Wiser..May 29, 1913
May 31, 1913—LOT 6 BLK 15 Map
Havenscourt, Oakland. Piedmont
Heights Bldg Co to A J Bellefon-
taine.....May 26, 1913
June 2, 1913—E BELVEDERE 18 N
Ygnacio, Lot 11 Bk 6 Melrose
Heights Tract, Okd. E A Wheeler
to whom it may concern..June 2, '13
June 2, 1913—E PARK 192.85 N
Central Ave N 75.08 E 80 N 25 E
60 S 100.08 W 140, Ala. Mrs Annie
L Neal to Carl Storm, May 26, 1913
Frank H Hackett.....May 26, 1913
June 2, 1913—SE HILLEGASS AVE &
Derby S 50xE 90, Bkly. Charles H
Jameson to J A Allen.....June 2, 1913
June 3, 1913—LOT 83 Map A. J.
Snyder's Piedmont Terrace-by-the-
Lake, Okd. Geo Steimle to whom
it may concern.....June 3, 1913
May 26, 1913—PTN LOT 56 Map Park
View Tract No. 2 and Ptn Lot 11
Bk "G" Revised Map Piedmont Pk
Piedmont. Miss Lucy A and Miss
Margaret C Herrick to A Peterson
.....May 23, 1913
June 3, 1913—LOT 19 BLK 9 Map
Northbrae, Bkly. Patrick-Nelson
Bldg Co to whom it may concern
.....June 2, 1913
June 3, 1913—E 40 FEET LOT 25 and
W 10 Lot 26 Bk "D" Map Jones
Tract, Bkly. Jacob M Brand to
W S Montgomery.....June 2, 1913
June 3, 1913—LOT 36 Buena Vista
Tract, Bkly. Mary E Jones to
Bevel & Jones.....May 2, 1913
June 3, 1913—SE HOWARD AND
Montgomery E along Howard 40
S 97, Okd. George A Comper to
M E Hopper.....May 29, 1913
June 3, 1913—LOT 1 Map Sheffield
Heights, Okd. Western Union Home
Bldrs to whom it may concern....
.....May 13, 1913
June 4, 1913—PTN LOT 19 Piedmont
Springs Tract, Piedmont. Irving H
Kahn to Bruce B Burnett..May 16, '13
June 4, 1913—W OAK 333.5 N 14th
N 45xW 160, Okd. F R Jordan to
whom it may concern.....June 3, 1913
June 4, 1913—N VIRGINIA 33 9-12 W
8th, Bkly. Ira Sorkick to F R
Peake.....June 3, 1913
June 4, 1913—LOT 9 and W 35 Lot

10 and E 15 Lot 8 Bk "B" Lincoln
Park Tract, Piedmont. Wallace
Clark to whom it may concern....
.....June 4, 1913
June 4, 1913—LOT 13 BLK 103 Map
Allston Tract, Bkly. Lee and Olive
O'Harra to Paul E Woodburn....
.....May 10, 1913
June 5, 1913—LOT 10 BLK "M," being
E 14th Ave bet E-32nd and E-33rd,
Okd. Joseph Berlock to Emil Storz
.....June 5, 1913
June 5, 1913—E PARK 192.85 N
Central Ave N 75.08 E 80 N 25 E 60
S 100.08 W 140, Ala. Mrs Annie L
Neal to Martin Peterson..May 31, 1913
June 6, 1913—BLK 11, 300 FT SQ.,
McLeod Tract, Livermore. Roman
Catholic Archbishop of S. F. (by
T. J. Welsh, of Welsh & Carey, Ar-
chitects) to Livermore Hardware
Co.June 4, 1913
June 7, 1913—LOT 152 Map Dowling
Homestead Tet, Okd. J W Rickley
to Adolph Morgensen...June 6, 1913
June 7, 1913—LOT 15 BLK "M,"
Northbrae Terrace, Bkly. Geo R
Tryner to M C Vaughn...June 6, 1913

LIENS FILED.

ALAMEDA COUNTY.

May 29, 1913—S FORTY-SEVENTH
362.96 E Market E 50xS 100, Okd.
California Standard Planing Mill Co
vs Carlo Dossa and Giovanna Dossa
and A Brisa\$373.77
June 3, 1913—E CURTIS 222 N Al-
lston Way N 42xE 120, Bkly. Wm
Loame vs Geo W Eliasson.....\$100
June 7, 1913—S 40 LOT 20 BLK 11,
Map Daley's Scenic Park Tract,
Bkly. W D Slusser vs P George
Gow and Alfred Olson\$142
June 7, 1913—E THIRTY-EIGHTH
Ave 225 S Santa Rita Ave S 50xE
100, Okd. Pearson & Nordin vs
F L Webster and Sadie Wilcox....
.....\$100.55

SAN JOSE AND THE SANTA CLARA VALLEY.

BUNGALOW—1½ story and base,
frame, \$2,500. San Jose, Santa Clara
Co., Cal. Architect, Emily E. Williams,
2406 Sacramento St., S. F. Owner,
Walter McIntire, South 16th St., San
Jose. The house will contain six rooms
and bath. All interior finish will be of
pine or redwood. Open fire place with
brick mantel will be used in the living
room. Hardwood floors will be used in
the principal rooms. The exterior of
the house will be covered with rustic
and shingles. Plans are complete and
the work will be done by Day Labor.

MISSION—1 story, frame \$3,000. San
Jose, Santa Clara Co., Cal. Architect,
none. Owner, S. Nashimure, 221 Jack-
son St., San Jose. The building has
been designed for a mission house. In-
terior finish will be of pine and red-
wood. A maple floor will be used.
Plans do not provide for a heating sys-
tem. Exterior of the building will be
covered with cement plaster. Plans are
in the hands of the owner and work
will be done by Day Labor.

BUNK HOUSES—2, 1 story, frame,
\$1,400 each. San Jose, Santa Clara Co.,
Cal. Architect, none. Owners, Central
California Fruit Co., S. E. corner of
Jackson and 7th streets, San Jose.
These buildings will be erected at the
company's plant and will be used for
bunk houses and dining hall. Interiors

will be finished in pine. The exteriors
will be covered with rustic or shiplap.
Plans are in the hands of the owners
and work will be done by Day Labor.

SCHOOL—1 story and base, rein-
forced concrete, \$65,000. San Jose,
Santa Clara Co., Cal. Architect, Nor-
man F. Marsh, Broadway Central Bldg.,
L. A. Owners, Hester School District.
Bids for the general construction of
this building were opened on Saturday
last and show Robinson and Place of
Oakland low on one proposition at
\$60,950 and Martin Wittler low on the
alternate at \$61,935. The Pacific
Blower and Heating Co. were low on
the heating at \$5,200, and Sonderstrom
was low on the painting at \$2,250. No
contracts have been awarded. A com-
plete list of these figures appears
under the heading of San Jose and the
Santa Clara Valley in this issue.

HESTER SCHOOL BIDS OPENED AT SAN JOSE.

Bids Received For the Work Are With-
in the Amount Available and Con-
struction to be Started.

(By Special Wire)

Bids for the construction of the
Hester School building in San Jose
were opened by the Board of Trustees
at San Jose on Saturday, June 7th.
Separate bids were taken for the gen-
eral construction and for the heating
and painting. Robinson & Place,
of Oakland, were low at \$60,950 on the gen-
eral construction with Martin Wittler
low on the alternate proposition at
\$61,935. The Pacific Blower Co., of San
Francisco, were low on the heating at
\$5,200 and Sonderstrom, of San Jose,
was low on the painting at \$2,250. Her-
bert C. Jones, Clerk of the Board, states
that the bids were well within the
amount available and that the work
will proceed at once. Contracts have
not been awarded, but will be within
a few days. Plans were prepared by
Architect Norman F. Marsh, of Los
Angeles.

General Construction Hester School
Robinson & Place, Oakland, \$60,950
Morrison Bros., San Jose.....\$60,950
R. O. Sommers, San Jose.....64,785
Gutleben Bros., S. F.....65,540
Robert Trost, S. F.....64,927
Sound Con. & Eng. Co., S. F. 63,344
Craham & Jensen, S. F.....55,000
Z. O. Field, San Jose.....64,875
Martin Wittler (on alternate) 61,935
Scheinble, Hostrower &
Pedgrift, Oakland 64,398

Painting.

Pacific Blower & Heating Co.,
San Francisco.....\$5,200
Sonderstrom, San Jose.....\$2,250

Building Contracts.

SANTA CLARA COUNTY.

SOUTH OF SAN JOSE ON MONTEREY
Road. All work for residence.
Owner.....Mrs. T. H. Burke.
Architect...F. D. Wolf, 1st National
Bank Bldg., San Jose.
Contractor..P. T. Jorgensen, 517 W-
San Carlos, San Jose.
Filed May 31, '13. Dated May 29, '13.
Frame up\$189.75
1st coat plaster on.....189.75
Building completed198.75

BUILDING AND INDUSTRIAL NEWS.

Usual 35 days..... 1898.75
TOTAL COST, \$7595.00
 Bond, \$3797.50. Sureties, A. L. Hubbard and Chris. Pallesen. Limit, 100 working days. Forfeit, none. Plans and specifications filed.

COLLEGE PARK. Erect building.
 Owner.....Kate C. Wood, Santa Clara County.
 Architect...Kate C. Wood.
 Contractor..F. Horridge, Santa Clara.
 Filed May 28, '13. Dated May 26, '13.
 Frame wp\$650
 Brown plaster on..... 650
 Completed 650
 Usual 35 days..... 650
TOTAL COST, \$2600
 Bond, none. Limit, 60 days. Forfeit, \$1. Plans and specifications filed.

SEVENTEENTH AND SANTA CLARA, San Jose. All work for one-story frame fire house.
 Owner.....City of San Jose.
 Architect...Warren Skulings, 615 Garden City Bank Bldg., San Jose.

Contractor..T. J. Scherreheck, San Jose
 Filed May 27, '13. Dated May 27, '13.
 Frame up\$680
 Plastering on 680
 Completed 680
 Usual 35 days..... 680
TOTAL COST, \$2720
 Bond, \$1360. Sureties, E. A. Schnabel and Otto E. Schnabel. Limit, 70 working days. Forfeit, none. Plans and specifications filed.

CAPITOL AVE near Julian, San Jose. All work for one-story frame dwlg.
 Owner.....M. A. Godfrey, San Jose.
 Designer...Ye Plan Shop, Theatre Bldg., San Jose.
 Contractor..A. A. Church, San Jose.
 Filed May 27, '13. Dated May 24, '13.
 Frame up 25%
 Rough plaster on..... 25%
 When completed 25%
 Usual 35 days..... 25%
TOTAL COST, \$2503
 Bond, \$1254. Sureties, I. T. Fox and S. W. Pfeiffe. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

SW COR. SANTA CLARA AND 12TH, San Jose. Remodeling apartments.
 Owner.....G. E. Savory, Premises.
 Architect...None.
 Day's work..... **COST, \$1825**

SE COR. JACKSON AND SEVENTH, San Jose. Erect two buildings for board and lodgings.
 Owner.....Central California Fruit Co., Premises.
 Architect...None.
 Day's work..... **COST, \$1400**

NO. 463 N-FORTEENTH, San Jose. Remodeling residence.
 Owner.....P. H. Boomer, Premises.
 Architect...None.
 Day's work..... **COST, \$500**

W SEVENTEENTH, 2nd Lot S San Fernando, San Jose. One and one-half-story residence.
 Owner.....Walter McIntire, S-16th, San Jose.
 Architect...Emily E. Williams, 2406 Sacramento, San Francisco.
 Day's work..... **COST, \$2500**

SE TWELFTH AND JACKSON, San Jose. Repair church.
 Owner.....Rev. A. Diomed, Prem.

Architect...Wm. Klinkert, Minn and Lupton, San Jose.
 Contractor..P. T. Jorgensen, 517 W-San Carlos, San Jose.
COST, \$300

NO. 630 N-SIXTH, San Jose. Two-story mission.
 Owner.....S. Nashimure, 221 Jackson, San Jose.
 Architect...None.
 Day's work..... **COST, \$2960**

No. 172 GEORGE, San Jose. Two-room addition on rear.
 Owner.....H. W. Schramm, Premises.
 Architect...None.
 Day's work..... **COST, \$500**

No. 269 N-NINTH, San Jose. Six-room cottage.
 Owner.....Walter Kenville, Premises
 Architect...F. D. Wolfe, 1st National Bank Bldg., San Jose.
 Contractor..G. H. Kemp, 463 Washington, Santa Clara.
COST, \$2700

Building Contracts.

SAN MATEO COUNTY.

SUB. DIV. NO. 7 J. J. Moore Tract, Woodside, Cal. All work for two-story and basement frame residence and frame garage.
 Owner.....Covington Pringle.
 Architect...Bakewell & Brown, 251 Kearny, San Francisco.
 Contractor..Van Sant-Houghton, 403 Market, San Francisco.
 Filed May 24, '13. Dated —, —.
 As work progresses..... 75%
 Usual 35 days..... 25%
TOTAL COST, \$10,179
 Bond, none. Limit, Oct. 15. Forfeit, none. Plans and specifications filed.

SE PHELPS AND MAPLE, Redwood City. All work for two-story and basement frame lodge building.
 Owner.....Trustees of Court Madrone No. 158, Foresters of America, Redwood City.
 Architect...Le Baron R. Olive, associated with Warren Skillings, Garden City Bank Bldg., San Jose.
 Contractor..Donnelly & Waller, Redwood City.
 Filed May 29, '13. Dated May 28, '13.
 Frame up to 2nd story.....\$3141
 Ready for interior and exterior plaster 3141
 Completed and accepted..... 3141
 Usual 35 days..... 3141
TOTAL COST, \$12,564
 Bond, \$6282. Sureties, W. P. Grey and Carl Muller. Limit, 100 days. Forfeit, \$10. Plans and specifications filed.

BURLINGAME. All work except heating and ventilating for two-story and basement brick and concrete school.
 Owner.....Burlingame School District
 Architect...W. H. Weeks, 75 Post, San Francisco.
 Contractor..Willis L. Gott, 229 11th Ave., San Francisco.
 Filed May 2, '13. Dated May 1, '13.
 1st floor joists on.....\$3958
 Rafters on 3958
 Ready for plaster..... 3958
 Plaster work completed..... 3958
 Completed and accepted..... 3958
 Usual 35 days.....
TOTAL COST, \$31,665
 Bond, \$15,835 and \$7917.50. Surety, Massachusetts Bonding & Insurance Co

Limit, Sept. 15. Forfeit, none. Plans and specifications filed.

HEATING AND VENTILATING ON above.

Contractor..Pacific Blower & Heating Co., Monadnock Bldg., S. F.
 Filed May 2, '13. Dated May 1, '13.
 Progressive payments of 75% and 25%
TOTAL COST, \$3985
 Bond, \$2990. Surety, American Bonding Co. of Baltimore. Limit, Sept. 15. Forfeit, none. Plans and specifications filed.

PART OF SEC. 33 T 4-4 being western part of tract of S. A. Barron, San Mateo. All work for two-story and basement frame residence and frame cow barn.

Owner.....A. S. Barron.
 Architect...None.
 Contractor..John Wilson.
 Filed April 18, '13. Dated April 15, '13
 Frame up 3/4
 Plaster on 1/4
 Completed and accepted..... 1/4
 Usual 35 days..... 1/4
TOTAL COST, \$6125
 Bond, none. Limit, 90 days. Forfeit, none. Specifications only filed.

The following contracts have been filed on the Charles T. Crocker residence at Uplands, San Mateo County:
 The Snook Co., plumbing for garden, \$1965.

A. B. Rilovich, all concrete work for garden, \$1600.
 F. L. Preston, brick work for residence, \$15,200.
 McGilvray Stone Co., stone work, \$8150.

Pioneer Constr. Co., steel work, \$4300.
 Mangrum & Otter, tile work, \$3450.
 Floodberg & McCaffery, metal partitions, lath and plastering, \$26,000.
 Floodberg & McCaffery, cement work, \$25,000.

Cavanagh & Vezina, carpentry work, \$12,150; cabinet work, \$21,425.

W. P. Fuller & Co., glass and glazing, \$2075.

Rudgegar-Merle Co., ornamental iron and bronze work, \$11,550.

Forderer Cornice Works, roofing and sheet metal, \$2250.

Yale & Towne Mfg. Co., Hardware, \$5790.

Innald Floor Co., hardwood floors, \$4295.

Pacific Fire Ext., steam heat and ventilating, \$8686.

Snook Co., plumbing, \$10,428.

Buite Elec. & Eng. Co., electric wiring, \$4450.

Geo. A. Gadd, vacuum cleaning, \$549.

Otis Elev. Co., elevator, \$1400.

Full particulars Wednesday.

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

HOTEL AND STORES—2 story and base, brick or reinforced concrete. Cost not stated. Rio Vista, Solano Co., Cal. Architect, Bernard J. Joseph, First National Bank Bldg., S. F. Owners, Rio Vista Hotel Co. The building is to be erected at the corner of 2nd and Main streets, and will have a frontage on one street of 120 feet and of 80 feet on the other. There will be five stores on the first floor besides the hotel entrance and lobby. Upper floor will contain 21 guest rooms and baths. Plans have been prepared with foundations heavy

enough to support three stories. The type of construction has not been fully determined. Interior will be finished in pine throughout. There will be steam heat and a hot water system. Exterior will probably be faced with cement plaster. Plans are being prepared.

Building Contracts.

CONTRA COSTA COUNTY.

AT AVON. All work for office building and one tall house.

Owner.....Associated Oil Company.
Architect...A. F. L. Bell.
Contractor...H. F. Smith, 52 Garland Ave., Oakland.

Filed May 31, '13. Dated May 26, '13.
10th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$3520

Bond, \$1800. Surety, Massachusetts Bonding & Insurance Co. Limit, none. Forfeit, none. Plans and specifications filed.

DESCRIBED TRACT IN City of Richmond. All work for three-story frame building.

Owner.....C. Mau.
Architect...None.
Contractor...L. F. Sanden.

Filed June 2, '13. Dated May 26, '13.
Frame up\$1087.50
Brown coat mortar on..... 1087.50
Building completed 1087.50
Usual 35 days..... 1087.50

TOTAL COST, \$4350.00

Bond, none. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

LOTS 20 AND 21 BLK "D," Town of Brentwood. All work for garage.

Owner.....J. F. and H. H. Burns, Brentwood.
Architect...N. H. Bateman.

Contractor...B. Reilly and F. Stam, Antioch.

Filed May 31, '13. Dated May 24, '13.
Frame up\$ 945
When walls are up..... 945
Building enclosed 945
Work completed 945
Usual 35 days..... 1301

TOTAL COST, \$5081

ond, \$2600. Sureties, Herbert A. West and C. J. Bullock. Limit, 90 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

CONTRA COSTA COUNTY.

ECORDED ACCEPTED
by 31, 1913—LOTS 27 AND 28 BLK 29, City of Richmond. Frank L. Large to J. T. Kershner. May 22, 1913
ne 3, 1913—LOTS 1 TO 8 INCL & Lots 25 to 32 incl Blk "D" Tract No. 2 Canal Subdiv School Add'n. City of Richmond. Richmond School District to Abrahamson & De Gear Co. April 13, 1913

RESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

HOTEL—2 story and base, brick and sel, \$20,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, C. W. Musick. The building will be erected on J street ad-

joining the Young Women's Christian Association and will cover an area of 50x125 feet. The first floor will be arranged for a number of stores. Upper floor will be subdivided into single rooms. Interior finish will be of pine throughout. Patent store fronts are to be specified. Exterior of the building will be faced with pressed brick. Leases are now being made on the stores. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$10,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, Frank H. Connelly. The dwelling will be erected on Peralta Way and has been designed for an 8 room dwelling with three baths. Interior finish will be of pine, oak and mahogany. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

SCHOOL—1 story and base, brick, \$10,000. Fairmead School District, Fresno Co., Cal. Architect, J. Carl Thayer, Fresno. Owners, Fairmead School District. The building has been designed for a district school and will contain two class rooms. Interior will be finished in pine throughout. Besides the class rooms plans provide for teachers' rooms, office and toilets. The building will be heated by stoves. Exterior will be faced with cement plaster. Plans are now being prepared.

Contracts Awarded.

HOTEL—2 story and base, brick and steel. Cost not stated. Fresno, Fresno Co., Cal. Architect, Edward T. Foulkes, Crocker Bldg., S. F. Owner, Judge Frank Short. Contractors, Trewhitt & Shields, Fresno. Contract price not stated. Note: The building will cover an area of 75x150 feet, and will be arranged for stores on the first floor and rooms above.

Building Contracts.

FRESNO COUNTY.

PART LOTS 29 TO 32 BLK 33, Fowler. All work for two-story brick bank. Owner.....Fowler National Bank, Fowler.

Architect...C. K. Kirby Jr., Fresno. Contractor...Trewhitt & Shields Co., Hanford, California.

Filed May 28, '13. Dated May 27, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$14,500

Bond, \$7250. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

BANK—10 story and base. Class A or B construction, \$150,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, South California St., Stockton. Owners, Commercial Savings Bank of Stockton, John Raggle, President. The building will be erected at the northwest corner of Main and Sutter streets. The entire first floor and basement will be occupied by the bank. Upper floors will be arranged for a

large number of modern offices. Construction will be fireproof throughout with steel frame and wall of reinforced concrete or brick. Exterior will be faced with stone, pressed brick and terra cotta. Interior finish will be of hardwoods and metal. Marble wainscoting will be used in the halls and corridors. There will be steam heat, elevator service and a vacuum cleaning system. Metal window sash and frames are to be specified. Interior of the banking rooms will be handsomely finished in marble, tile and ornamental plaster. Special safe deposit and coin vaults will be installed. Plans are now being prepared.

RESIDENCES—Frame construction. Stockton, San Joaquin Co., Cal. The following Day Labor jobs are reported as about to be started in Stockton: Mrs. H. Mowry, 1308 East Main St., 1 story frame cottage, \$1,200; E. E. Ferrell & Co., 301 So. California St., 1 story frame, \$1,500, and Albert Embree, 624 East Main St., 2 story and base, \$7,500.

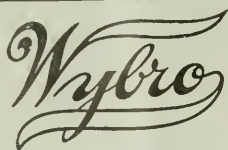
HOSPITAL—2 story and base, reinforced concrete. Cost not stated. Stockton, San Joaquin Co., Cal. Architect, Walter King, Elks' Bldg., Stockton. Owners, St. Joseph's Society. The building has been designed with a main building and two wings. Construction will be fireproof throughout. The building will contain a number of public wards and also private rooms. A large and modern operating room and hydrotherapeutic ward will be features of the institution. Plans provide for steam heat, elevator service, vacuum cleaning and hot water system. Interior will be finished in pine and hardwoods. Marble and tile will be used extensively. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken.

FREIGHT DEPOT—2 story and base, reinforced concrete, \$100,000. Stockton, San Joaquin Co., Cal. Architect, Engineering Department Santa Fe Railroad. Owners, Santa Fe Railroad. An amount of \$100,000 has been set aside for the construction of this building, which is to cover two city blocks. A site at the corner of California and San Joaquin streets has been secured, and the company will ask the city of Stockton to close Sutter street. Construction will be fireproof. Besides the freight sheds the building will contain the offices of the company on the upper floor. Construction will be fireproof. Exterior will be faced with cement plaster. Work will be started as soon as plans can be completed.

SCHOOL—1 story and base, reinforced concrete, \$30,000. Quincy, Plumas Co., Cal. Architect, W. H. Weeks, 75 Post St., S. F. Owners, Quincy Union High School. The building will contain eight class rooms and an assembly hall. There will be a central heating system and vacuum cleaning. Interior will be finished in pine with some maple floors. Working drawings have been approved by the Board of School Trustees and bids will be called for at once. Plans can be secured from the architect. Exterior of the building will be faced with cement plaster. Construction will be as near fireproof as funds will permit.

Contracts Awarded.

HOTEL—4 story and base, brick and steel, \$50,000. Lodi, San Joaquin Co., Cal. Architect, Ralph P. Morrill, Old Fellows Bldg., Stockton. Owner, J. Whit-



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5th and Brannan Streets

San Francisco

aker, Balt. Contractor, Fred G. Cary,
Lodi. Contract price, \$50,000.

SCHOOL—1 story and base, rein-
forced concrete, \$23,850. Maxwell, Co-
lusa Co., Cal. Architect, W. H. Weeks,
75 Post St., S. F. Owners, Maxwell
School District. Contractor, Robert
Trost, 26th and Howard Sts., S. F., gen-
eral construction. Contract price not
stated. San Francisco Blower Co., heat-
ing and ventilating. Contract price not
stated.

Building Contracts.

SACRAMENTO COUNTY.

N ¼ OF LOT 5 AND PTN OF N ¼ OF
Lot 6 K, ¼, 9th and 10th Sts., Sac-
ramento. One-story Class "C" store
building.

Owner.....Miss Annie Heisen.

Architect...Geo. C. Sellon, 1005 K St.,
Sacramento.

Contractor..Campbell & Turner, 318
Ochsner Bldg., Sacramento.

Filed June 3, '13. Dated May 31, '13.

COST, \$5920

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
June 3, 1913—V 40.12 FEET OF S 64
feet of Lot 8 E, F, 5th and 9th Sts.,
Sacramento. Lucy S. Jurgenson to
Ruiter & Birdsall.....June 3, 1913
June 3, 1913—NW EIGHTH AND Q
S ¼ of 5, P, Q, 7th and 8th Sts.,
Sacramento. Bean Leonard Co to
Latourette-Fical Co, May 31; Wm
M Kennedy, —; Chester King.....
.....Feb. 3, 1913

Building Contracts.

SAN JOAQUIN COUNTY.

LOTS 8 AND 10 BLK 10 E, Stockton. Er-
rect brick building.
Owner.....S. Sohori, Waterloo Road,
Stockton.

Architect...Walter King, Elks Bldg.,
Stockton.
Day's work. COST, \$29,000

LOT 12 BLK 41 E, Stockton. Erect
frame building.
Owner.....D. Dinubilo, 347 S-Calif-
ornia, Stockton.

Architect...R. P. Morrell, I. O. O. F.
Bldg., Stockton.
Contractor..Frank Tucker, 321 North
Sierra Nevada, Stockton.
COST, \$2475

SOUTHERN PACIFIC DEPOT, Stock-
ton. Brick addition to freight bldg.
Owner.....S. P. Co., Sacramento and
Market, Stockton.

Architect...None.
Day's work. COST, \$500

LOT 7 BLK 97 E, Stockton. Erect
frame building.

Owner.....Albert Embree, 634 E-Main
Stockton.

Architect...None.
Day's work. COST, \$7500

S 40 LOTS 2, 4, 6, 8 BLK 26 S M C,
Stockton. Frame building.
Owner.....F. E. Ferrell & Co., 301-303
S-California, Stockton.

Architect...None.
Day's work. COST, \$1500

NO. 118 E-WEBER AVE., Stockton.
Remodel brick building.
Owner.....F. P. Madden, 110 East
Weber Ave., Stockton.

Architect...R. P. Morrell, I. O. O. F.
Bldg., Stockton.

Day's work. COST, \$6000

LOT 8 BLK 210 East, Stockton. One-
story frame building.

Owner.....Mrs. H. Moway, 1309 E-
Main, Stockton.

Architect...None.
Day's work. COST, \$1200

LOT 9 BLK 4 E, Stockton. Alterations
to brick building.

Owner.....W. J. Fisher, 1235 S-San
Joaquin, Stockton.

Architect...None.
Day's work. COST, \$1000

LOTS 1, 3 AND 5 BLK 241 E, Stockton.
Remodel brick building.

Owner.....F. W. Rotkenbush, 425 E-
Park, Stockton.

Architect...None.
Day's work. COST, \$1000

S ¼ OF LOTS 10 AND 12 BLK 96 S M
C, Stockton. Frame building.

Owner.....Thomas Blain.
Architect...None.

Day's work. COST, \$1400

LOT 13 BLK 94 W OF CENTER ST.,
Stockton. All work for one-story 5-
room frame bungalow.

Owner.....C. J. Bird.
Architect...C. J. Bird Co.

Contractor..A. J. McPhee, 5 California
Apartments, Stockton.

Filed June 2, '13. Dated June 2, '13.

On completion of contract.....\$1000
Usual 35 days.....597

TOTAL COST, \$1597
Bond, none. Limit, 60 days. Forfeit,
none. Plans and specifications filed.

E. H. Williams

Chalmer Munday

Munday & Williams

Attorneys-at-Law

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SOUTHWEST OF SECTION 36 TOWN-
ship One 17 S Range 8 87 E M D B
and M, Ripon Cal. All work for one-
story and basement frame school.

Owner.....Van Allen School, C. R.
Smith, C. M. Carlson and F.
W. Van Glahn and consti-
tuting the Board of Trus-
tees.

Architect...Stone & Wright, San Joa-
quin Bank Bldg., Stockton.
Contractor...C. C. Busch.

Filed May 31, '13. Dated May 28, '13.

On or about 1st of each month 75%
Usual 35 days.....25%

TOTAL COST, \$6124

Bond, \$3667. Sureties, Karl A. Gotshall
and A. J. Nause. Limit, 110 days.
Forfeit, none. Plans and specifications
filed.

LOS ANGELES AND SOUTH- CALIFORNIA.

BANK AND OFFICES—2 story and
base, reinforced concrete, \$75,000. Red-
lands, San Bernardino Co., Cal. Archi-
tects, Parkinson & Bergstrom, Se-
curity Bank Bldg., L. A. Owners, First
National Bank of Redlands. The build-
ing will be erected on a corner site
and will cover an area of 40x118 feet.
Construction will be fireproof through-
out. The entire first floor will be oc-
cupied by the bank and will be fin-
ished in pine, hardwoods, ornamental
plaster and marble. A tile floor will
be used. Plans provide for coin and
safe deposit vaults. There will be steam
heat and metal window sash and
frame. Exterior of the building will
be faced with artificial stone. Plans
are complete and figures are now being
taken.

CHURCH—Brick and steel. Cost not
stated. Long Beach, Los Angeles Co.,
Cal. Architects, Frank T. Kexley and
T. Foster Ena, associated, Consolidated
Realty Bldg., L. A. Owners, Roman
Catholic Church, Father James A.
Reardon, pastor. The building will be
designed with a main auditorium seat-
ing 650 people and a smaller chapel
seating 250 people. Interior will be
finished in pine with maple floors. A
steam heating system will be installed.
Ornamental plaster is specified. Two
towers of steel construction will be
built. Exterior of the building will be
faced with ruffled brick. Plans are
complete and figures are being taken.

HOTEL—10 story and base, rein-
forced concrete, \$700,000. Long Beach,
Los Angeles Co., Cal. Architects,
Kysor & Biggar, Wright and Callender
Bldg., L. A. Owners, Oxford Investment
Co. The building is to be erected at
the corner of Ocean and Pine avenues
and will cover a large area. Prelim-
inary plans show a total of 700 rooms,
all of which will have connecting

baths. Construction will be fireproof. Plans are only in the preliminary stage and details of the building cannot be given at this time. Further mention will be made in these columns as the plans progress.

HOTEL—1 story and base, reinforced concrete and brick, \$150,000. El Centro, Imperial Co., Cal. Architect, none. Owners, Bell Development Co., Van Nuys Bldg., L. A. The building is to be erected at the corner of 7th and Main streets and will cover an area of 152x132 feet. Several stories, hotel lobby and offices, public dining room and kitchen will occupy the first floor. Upper floors will contain a total of 152 guest rooms and baths. There will be steam heat, elevator service and a vacuum cleaning system. Interior finish will be of pine. A tile floor will be used in the lobby. Exterior of the building will be faced with cement plaster. Plans are being prepared.

PASSENGER STATION—1 and 2 story. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. The new passenger station will be erected at 5th and Central streets and will be 550 feet long and 70 feet wide. The central portion of the building will be but one story high, 50 feet wide and is 220 feet long and will be of Class A construction. The two wings, each two stories high, will be of Class C construction. Plans include steam heat, metal window sash and frames, tile floors and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are complete and figures will be called for shortly.

STOES AND LOFTS—13 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Austin & Pennell, Wright and Callender Bldg., L. A. Owners, Mason Estate. The building will be erected on Spring street between 7th and 8th streets and will cover an area of 60x101 feet. There will be a complete steel frame with exterior walls of brick or concrete faced with terra cotta. Interior finish will be of pine and metal. Metal window sash and frames will be used throughout. There will be three elevators, sidewalk elevators and steam heat. Floors and interior partitions will be of hollow tile and concrete. Plans are complete and will be ready for figures in about a week or ten days.

STORES AND OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Walls & Morgan, Story Bldg., L. A. Owners, Haas Realty Co. A site at the corner of 7th and Broadway has been secured and a building covering an area of 55x155 feet is proposed. None of the details of construction have been worked out but are to be determined within a few days. A complete description of the work will be published here as soon as possible.

OFFICES—6 or 7 story and base. Class A addition, \$100,000. Pasadena, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Citizens' Savings Bank. The present one story building will be remodeled for banking rooms. Upper floors will be subdivided into about 16 modern office suites. There will be steam heat, elevator service, a vacuum cleaning system and mail chutes. Metal window frames and sash will be

used. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared and will shortly be ready for figures.

SCHOOLS—2, 2 story and base, brick. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Ithierman Bldg., L. A. Owners, Santa Monica School District. One of these buildings will be erected on Central avenue and the other will form an addition to one of the present schools. Both will contain six class rooms and an assembly hall. Interior finish will be of pine with maple floors. There will be a central heating system. Metal window sash and frames are specified. The exterior will be faced with ruffled brick. Plans are complete and bids are now being taken for the work.

Contracts Awarded.

APARTMENT HOUSE—3 story and base. Class C construction, \$45,000. Los Angeles, Cal. Architects, R. E. Young & Son, Lankershim Bldg., L. A. Owner, Dr. E. C. Manning. Contractors, The Pozzo Construction Co., 421 Macy St., L. A. Contract price, \$45,000.

HOTEL—3 story and base, reinforced concrete. Cost not stated. San Diego, Cal. Architect, Harrison Albright, Homer Laughlin Bldg., L. A. Owners, J. D. and A. B. Spreckels. Contractors, Wurtz Construction Co., Spreckels Bldg., San Diego. Contract price not stated. Note: The building will cover an area of 200x150 feet and will contain a total of 400 guest rooms.

LODGE HALL—2 story and base, brick, \$31,324. Anaheim, Orange Co., Cal. Architect, Fred H. Eley, Hervey-Finley Bldg., Santa Ana. Owners, Masonic Temple Association of Anaheim. Contractor, J. S. Hiliend, Adeline St., Anaheim. Contract price, \$31,324.

RESIDENCE—2 story and base, frame, \$15,000. Los Angeles, Cal. Architects, G. Lawrence Stimson Co., 1212 Avoc Ave., Pasadena. Owner, Lyman T. McFie. Contractors, G. Lawrence Stimson Co., 1212 Avoc Ave., Pasadena. Contract price, \$15,000.

PORTLAND AND OREGON.

LIBRARY—2 story and base, brick, \$17,500. Hood River, Ore. Architects, Sutton & Whitney, Lewis Bldg., Portland. Owners, Hood River Carnegie Library Association. The building has been designed in the classic style and will cover an area of 55x75 feet. There will be two public reading rooms, large stack rooms, librarian's office and toilets. Interior finish will be of pine and hardwoods with maple floors. A central heating system, probably steam, will be installed. Considerable ornamental iron will be used. The exterior of the building will be faced with pressed brick, trimmed with terra cotta. Plans will be completed within the next 20 days and bids will be advertised.

STORES AND OFFICES—1 story and base, brick and steel, \$85,000. Salem, Ore. Architect, Aaron Gould, Worcester Bldg., Portland. Owner, Dr. R. Ryan. The building will be erected on one of the principal corners and will cover an area of 103x108 feet. The first floor will be arranged for a number of stores and the entrance to the upper floors. Second and third floors will be subdivided into offices and the fourth floor will be fitted up for a large public hall. There will be elevator service, steam heat and metal window sash and

frames. Interior finish will be of pine with a maple floor on the fourth floor. Some tile and marble will be used. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

Contracts Awarded.

LODGE HALL—2 story and base, brick and steel, \$22,500. Tillamook, Ore. Architect, E. E. McClaran, Lumber Exchange Bldg., Portland. Owners, Tillamook Odd Fellows Hall Association. Contractor, E. B. White, Lumber Exchange Bldg., Portland. Contract price, \$22,486.

HOTEL ADDITION—Frame and stone. Cost not stated. Seaside, Ore. Architect, F. Manson White, Henry Bldg., Portland. Owner, Dan J. Moore. Contractors, Martin & Reiser, Woodlawn. Contract price not stated. Note: The same architect has prepared plans for a number of beach houses costing from \$1,200 to \$8,500, which are also to be erected at Seaside.

SEATTLE AND WASHINGTON.

RESIDENCE—3 story and base, rock and stucco, \$30,000. Victoria, B. C. Architect, A. Warren Milner, Arcade Bldg., Seattle. Owner, W. A. Lewthwaite. The dwelling will contain in the neighborhood of twenty rooms, several baths and sleeping porches. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be a central heating system, probably hot water. Bath rooms will be finished in tile. An automatic water heater will be installed. Several large open fire places with brick and tile mantels will be used. Exterior of the house will be covered with stucco and rock. Plans are being prepared.

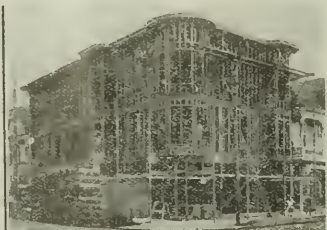
FACTORY—3 story and base, reinforced concrete, \$400,000. Seattle, Wash. Architect, John Graham, Lyon Bldg., Seattle. Owners, Ford Motor Car Co. This building has been mentioned here a number of times before. Plans have been revised and new figures have been taken. The structure will be similar to the Ford buildings now under construction in San Francisco, Portland and Los Angeles, all of which were designed by Mr. Graham. Construction will be fireproof throughout. The building covers a large area and will contain the company's administrative offices, warehouse, show rooms and assembling plant. Bids were opened on June 10th and a contract will be awarded before the end of this week. Separate bids were taken for the general construction, the electric work and plumbing.

ADMINISTRATION BUILDING—5 and 2½ story and base, brick and steel, \$100,000. Seattle, Wash. Architect, Daniel Huntington, Seattle. Owners, City of Seattle. This is the first building of a large project, funds for which are now available. The main structure will be five stories in height and cover an area of 73x56 feet. The two wings will be two stories high and cover an area of 50x32 feet. Interior will be finished in pine, hardwoods, white enamel and tile. There will be steam heat, vacuum cleaning system and elevators. The exterior of the building will be faced with pressed brick trimmed with terra cotta. Plans are complete and figures will be called for at once.

Frank Neidick

Carpenter and Builder

Phone Mission 5126



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San Francisco

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over door, when Bracket will be sent to fit.

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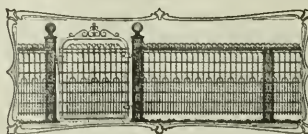
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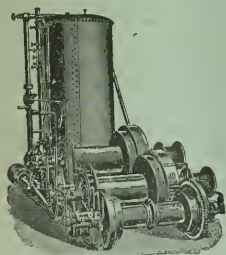
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Editorial Comment.

The Supreme Court of this State has decided that there is no authority in the Charter of San Francisco for the proposed agreement between the city and the musical association under the terms of which it is proposed to erect an opera house in the Civic Center. The ground on which the decision rests is that the city has no power to grant to an outside body the control of its property. And this is evidently a good decision although it may work a hardship in the present case. For if such a precedent were allowed to be established it might lead to numerous complications even if there were authority in the charter for such an action.

The Supreme Court suggests that if the building were built by private enterprise and then donated to the city the donors might make any kind of agreement they wish for the control of the property. Under the present decision the plans for the erection of a municipal opera house have gone glimmering. Some other plans will have to be thought out before this important building in the Civic Center can be erected. Probably there may be a way of getting the same result by proceeding on somewhat different lines.

world, but the history of the wool and worsted industry has been to cry ever for more and more duty, and ever to keep the wages and the workers down."

So also in the use of structural steel and wire and nails and farm implements. The Secretary points that these articles are being shipped out of the country at the rate of 5 million dollars per day and further asks the following questions:

"When we can sell steel abroad at the rate of \$1,000,000 a day as we are doing, why do we need a duty on the products of the steel mill? When the Argentine farmer buys American wire cheaper or better than he can get it from England or Germany, why should the American farmer pay a higher price because of a duty to protect the American maker of that wire?"

The fact is that the American people are all paying these protective duties to the people that are benefited by them. And the question is who is getting the benefits? In about 90 per cent of the cases it is the heads of the great trusts who have grown enormously wealthy by fiditious capitalization of industries and who are paying interest on this water capital by means of the tariff tax. Any change in the tariff schedule affects business. It is to be hoped that the tariff bill will soon be passed and that it will be a substantial revision downward.

Speaking of the many kinds of business that will go out of existence if the tariff is reduced, and the low wages that will be paid to workmen there is another side to the question that the friends of the tariff beneficiaries never mention. Among the things quoted on the subject is that of an article recently contributed to the *Wichita Beacon* by William C. Redfield, United States Secretary of Commerce and Labor.

Speaking of the tender regard that manufacturers have for the wages of workmen and the protection they ask in the make up of tariff schedules, the Secretary has this to say:

"This was on the theory that they would divide with their workmen, but the workmen tell another story about that division. Everybody who thinks knows that the talk of the tariff making wages high is a joke. Perhaps it is more just to say it is a tragedy.

The fact is that the great worsted industry, for example, with its enormous protection, running up, in cases, to more than 100 per cent, has been paying very low wages, while other industries, with far less protection, have been paying higher wages.

I have seen the products of American factories—shops where wages were good and tariff duties comparatively low—sold all over the

It is reported that the Southern Pacific coast lines are to be electrified throughout. Whether this is an item of expense in the 48 millions asked for of the Railroad Commission is not stated, but if the report is true it marks the beginning of the biggest change from steam to electricity in this country. With the great hydro-electric development that is going on in this state it would seem to be only a question of time till the change from steam to the electric current will be effected.

Economies of electric transmission have made it not only possible but mechanically and financially feasible to operate great trunk lines by this method. Particularly is this the case in the mountain regions where snow sheds and tunnels make the smoke of steam engines a very great nuisance. Electricity is quieter, cleaner and safer than steam. It permits the dispatch of trains at short intervals, allows them to be made up at different relays or increases the unit of power cars in multiples. It applies the power more advantageously and is more easily controlled and regulated. The time is not far distant when transportation throughout the country will be effected by means of this force.

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THE CONCISE SPECIFICATIONS.

Timely Discussion of the Many Intricacies of a Well-worn Subject.

At the present time when hustling is the order of the day, the desirability of adopting brevity in specification-writing is admitted by all engaged in building work; but if this end were attained either by ambiguity in description, or omission of anything necessary to the due execution of the intended work, it would be disastrous to the interests of both client and builder, and inimical to the professional reputation of the architect who drafted the document. Only these having a thorough practical knowledge of building work should attempt specification writing, and it is unfortunate that this experience is more likely to lead to prolixity than to brevity, for the many pitfalls known to the practical man can only be avoided by pointing them out, and he has to guard against them in a style of writing the reverse of concise.

It may therefore be taken for granted that the specification written by a competent architect will be long, for he will face difficulties in construction which would be avoided by a less capable man. Men frequently attempt to describe what they do not understand, and they usually become singularly dogmatic in the attempt. But the ordinary builder is not misled by such assurance, and, reading between the lines, he has no difficulty in assessing the architect's practical knowledge at its true value, and in acting accordingly. It follows that a specification for embodiment in any contract should be written by a man of extensive experience, who, has the power to express himself clearly, tersely, and to the point. The certain sign of an amateur's work, in this way, is his constantly falling back on the expression "to bedone to the satisfaction of the architect," for if he does not clearly see what he wants, and is at loss for words to describe it, this formula is a very present help in time of trouble for him and his like.

To acquire the knack of concise specification writing is not easy, for like Euclid, there is no royal road to it. Plodding, diligence, and close attention, under the direction of a competent man, where possible, are necessary to attain even the rudiments of the art. Listening to professors who endeavor, by lecturing, to impart a knowledge of building construction sufficient to enable the student to write a specification, is fatuous, and to attend any technical school class with the same object in view is more so. It has been well said that if men took only half the trouble to go to Heaven that they take to go to the other place, their eternal happiness would be assured, and so it is with the subject under consideration. If a pupil devoted his energies to examining some building work in situ, and writing a description of it, instead of using the eyes and brains of others, he would acquire facility for the work in half the time he takes to gain a smattering of it in classes, or from professional lecturers. Suppose a student of building construction examined for himself,

say, an internal door in a good house, and sketched what he saw in his notebook, how much likely he would be to gain a knowledge of specifying such a door than if he listened to lectures, or attended technical classes, where it is explained by diagrams at secondhand. Every house, with its offices, contains examples of different kinds of doors, and when a beginner has learned how to describe them concisely and accurately he may pass on to the windows, staircases and floors, and thus, without leaving his own house, he can pursue an original line of study that will, if he is diligent, make him more than a match for the men trained in classrooms.

Some books have been published containing specifications for various buildings; but no work has yet been written on the art of specification writing. The various styles of architecture have been lucidly described, and now that the ornamental portions of the art are so well illustrated in books and journals, it is surely not too much to expect that professors and masters of the subject will describe up-to-date methods of building construction, and so help us to live in the twentieth century, instead of harking back to others as old as 300 B. C. Few architects in good practice write the necessary specifications for their own buildings. This work is turned over to an assistant, or the quantity surveyor, and these documents are always regarded as nuisances; hence the present generation try to shirk the work by scribbling a belated description of it all over the drawings, and others press the quantities into service on a kind of condensed specification. With every care, accidental mistakes occur in the documents, and they invariably lead to a lawsuit, or, what is worse to an arbitration, both of which are ruinously expensive, and satisfy no one but the lawyer.

When an architect is incompetent, he will entrench himself behind a series of general clauses, which may be interpreted to mean anything or nothing; they are as vague as they are provoking, and this must always be the case where a man attempts to describe what he has no clear idea of. Architects should recollect that carelessness in specification writing must of necessity leave the builder in doubt as to what is meant and this uncertainty will compel him to apply to the architect for some explanation of what is really the object of the doubtful clause, thus leading to an immense waste of time, besides worry, and, perhaps, loss of temper. Disputes sometimes arise on a building over the meaning of the drawings, but much more frequently over the specification, and if the architect carries everything with a high hand, and the builder feels aggrieved, then a state of things exists which is inimical to the execution of good work, and the employees must suffer. Every properly written specification should avoid all law terms, and this may be done by leaving the preparation of the contract to lawyers.

A specification may be divided into

trades, such as Bricklayer, Mason, Carpenter, etc., or it may be arranged so as to deal with floors, roofs, walls, windows, doors, etc., all, of course, under different headings; but whatever plan is adopted, marginal references should always be employed, and numbered, for facilitating reference. A specification written en bloc is a nuisance, for the waste of time in looking for an item is often great, and it should be avoided. Marginal references are, in reality, a kind of index; but, if the reference, or the pages are numbered, a proper index should be made and bound up with the document.

The strangest thing in connection with specification writing is that materials continue to be described as for use in a building when they may be seen in a state of decay all over the country. This looks as if the architect's experience died with him, and that the rising generation were in no way concerned about the failures of those who preceded them. Since master men in the various trades have been supplanted by the general contractor, the specification has increased in bulk enormously, and the superintendence of the work has become a matter of the gravest anxiety. For once the architect certifies that the work is done according to the specification, he takes on himself the whole responsibility for the builder's shortcomings, and the cost of making good these failings may fall on the architect. Hence, some insist on having a clerk of works, and others will employ only builders they understand; in which latter case errors in the specifications or omissions from the drawings will never be heard of. Specifications are very definite about the seasoning of timber and its freedom from sapwood, shake, and knots; but all such clauses are more honored in the breach than in the observance, and unseasoned timber, as well as that which is knotty and sappy, may be seen in use everywhere. This question of timber is most difficult to settle concisely in a specification, for all our soft building timber—that is to say the greatest part of what is used—is called by some absurd name, and this name is not constant for that particular timber in any locality. For instance, nearly all ordinary building timber is "red"; sometimes it is "yellow"; again, it is "fir" or "dent"; or it may be "white," and this may mean Canadian or North of Europe spruce. Generally speaking, all soft woods used by builders are called by them either "red deal" or "white deal," and the public follow their example, though there never was such a tree as a "deal tree." Pitch pine is, again, a vague term, for it may be applied to any timber rich in turps and resin; in fact half a dozen varieties of the pine furnish the "pitch-pine" of the State. Now, then, in a concise specification, the architect to describe the wood he wants? To call red deal or yellow deal "Pinus sylvestris" would be pedantic to call it by its best known name "Scotch fir," would be incorrect, for it is not a "fir"; and there appears to be

no way out of the difficulty but by using that name by which the timber is known in the place where the architect is going to use it. After years of technical schooling, many of our professional men, and others, appear to be wholly ignorant of the nature of timber. Now, then, can they describe it concisely in their specifications?

Take, again, the commonest material used in building—namely, lime—for it is used alone and in combination with clay. How is it to be described correctly? And if it was so, described how many would understand what the architect meant? If an architect specified that the mortar was to be made with calcium oxide one part and silica three parts, what would the builder think of him? Yet this would be a correct description in many places. Surely, if an architect specified that only impure lime was to be used for mortar making, people would think he was mad! Yet impure lime makes the best mortar, especially for brick or stone work in wet places, always assuming that the impurity is clay not exceeding one-quarter the weight of the pure lime. In fact, except for plastering, indoor work, and walls in dry places, pure lime is the worst lime that could be used. To make Portland cement, pure lime has to be made impure by the addition of clay, both being ground to an impalpable powder and calcined. Smeaton "discovered" blue lias lime; Vicat described how to make what is now called "Portland cement," and Aspdin patented and made money by it.

Looking down an ordinary specification, it will be seen that some items have a purely legal bearing. These are "conditions of contract." Others describe the nature of the relation of builder and architect throughout the work. Some are of general import, and may be applied to any building, while others are special and can only apply to the building in hand. A specification may, therefore, with advantage be divided into four heads—namely, Legal, Personal, General Technical and Special Technical. The first three might well be typed and kept for general use. The "special" claims must, of course, be written to suit each separate building. In building with bricks, English bond is generally considered the best, because in no part of the work does joint come over point, and bricks need not be cut with the trowel to fill up the work as in Flemish bond. But the writer has never seen a wall fail because it was built in this bond, and there are many such walls throughout the country. In engineering work English bond is usually employed, on account of its superior strength. Here, again, the concise specification writer may be troubled in describing the bond he wants, for some builders assert that English bond is that with three courses of stretchers to one of headers, so that before being concise it would be well to know what others understand to be the meaning of the words about to be used.

It is most important to guard against dry-rot in a building, and the specification should provide for the ventilation of all spaces in floors and under floors where timber is employed; in fact, the architect should make such provision that the seasoning of the timber shall go on after it is fixed in the building, and in no case should it be exposed to damp, stagnant air. If it is, three or four years will be the

limit of its existence as sound timber, even if it is pitch-pine. The use of unseasoned wood in timbers that are not framed does not matter much; but in roof principals, and in joiner's work, it would be disastrous. To write a concise specification that at the same time be explicit is, we repeat, the work of a man who has had an extensive and wide practice, to which he has given his personal attention.—The Building News (Eng.)

STAINED AND LEADED GLASS FOR THE HOUSE.

Among the architectural accessories that lend refinement to the dwelling house are to be considered windows of stained and leaded glass. Stained glass, as distinguished from leaded glass, is that material which depends primarily upon color for its effect, whereas leaded glass is dependent upon the lines of lead that form a patterned network to hold the bits of plain glass that compose the whole panel, and rarely contain color at all, although occasionally color is introduced in a slight degree into the decorative scheme.

There are, of course, certain rooms in the house where windows of stained glass will find their most appropriate setting. In the library—that is to say, in the room which is a real library—the stained glass window above the book shelves may form a most appropriate decorative feature, and while admitting a certain amount of light, will obviate the strong cross lights that would otherwise result from the use of windows throughout of clear glass. In some instances small window spaces above the book shelves have been filled by portrait heads in stained glass, and in other instances larger spaces have been occupied by landscape windows worked out with subdued or glowing tints, as good taste determines.

Hall, staircase and music room windows of stained glass are appropriate in the proper setting, and in town houses, where the rear of the dwelling has an unpleasant outlook and yet must give place to the dining room, stained glass windows let in a sufficient amount of light and yet screen the undesirable view. Naturally one does not look for large figure composition in stained glass windows intended for small rooms, for in this, with all other matters under the dictatorship of good taste, consistency must be studied and maintained.—House and Garden.

BIDS OPENED FOR CONCRETE BRIDGE.

Wm. Radtke, of Gilroy, was the lowest bidder for concrete bridge near San Jose. Award will be made on Monday, June 16th. Other bidders on the above job were:

John W. Williams, San Jose.	\$12,000
M. E. Kilcourse, San Jose.	11,432
T. K. Beard, Modesto.	10,856
State Const. Co., S. F.	12,289
A. W. Beggers, S. F.	13,937
R. O. Summers, San Jose.	14,845

The Engineer's estimate was \$11,200. Plans were also ordered for two new bridges to cost about \$25,000 and \$80,000.

IRVING L. RYDER,

Engineer, San Jose.

AUTOMATIC STORAGE HEATERS.

For the last year the demand for automatic water service has been rapidly increasing until now even the less pretentious homes demand this new convenience. The Electric Weld automatic storage system of gas water heating is comparatively new in the local field but the rapid strides it is making indicate that it is destined to take a prominent place. The storage feature is one that appeals, for it does not restrict the amount of hot water that can be drawn, the only limit to the volume of hot water obtainable being the size of the faucets. The flow of gas is controlled by a moment temperature thermostat, which is operated by the temperature of the water in the bottom of the boiler. The cold water displacing the hot water which has been drawn off, oper-



ates the automatic valve, allowing sufficient gas to flow through at the rate of 60 feet per hour to heat the same amount of water as has been drawn; it then closes, leaving only the small pilot light burning, ready for the next operation. The boiler is doubly insulated with asbestos and oak wool lagging, insuring the same efficiency as is had with the thermos bottle.

These heaters are made for all requirements from the small bungalow size to the large hotel or apartment sizes, ranging from 18 gallons to 500 gallons. Sizes up to 66 gallons are operated by a single burner; from 82 gallons to 500 gallons are equipped with two or more burners, according to size. The multiple boiler, as the large sizes are called, are particularly efficient where a large service is required, both from the standpoint of gas consumption and where a simultaneous drain from a number of faucets occurs. The latter is covered with the storage feature and applies to all portions of the building. Electric Weld heaters are distributed by the Gas Appliance Sales Co. of America.

Hardwood Flooring A Growing Industry.

Inlaid Floor Co., Equipped To Meet This Growing Business.

The opening of the present year found the Inlaid Floor Company, one of San Francisco's most enterprising business firms, installed in their new factory and in a position to meet the demands of an ever increasing business with absolute satisfaction and promptness.

Incorporated in 1897, the Inlaid Floor Company has, from a small beginning, built up the largest trade in the manufacture and installation of ornamental,

above. The building contains an area of 14,000 square feet, all of which is given over to the manufacture of strips and other materials used in connection with their work. The dry kiln operated in connection with the plant has a capacity of 30,000 feet of lumber at one time. An average daily output of 50,000 square feet of manufactured material is maintained through the greater part of the year.

An attractive illustrated catalogue,

Francisco. Down the peninsular the homes of Mary Pauline Payne, James Flood, Francis J. Caroline, Clement Tobin, George A. Pope, H. C. Breeden, J. D. Grant, Eugene De Sable, the San Mateo Polo Club and the San Mateo Country Club are examples of the work of the Inlaid Floor Co. Among the San Francisco homes and buildings in which the company's floors have been installed may be mentioned the following: Adolph Spreckels, A. Roos, A.



hardwood and plain floors to be found in the west. Their business covers the entire State of California and part of Nevada and is conducted along co-operative lines, nearly all of their 87 employees in this city being personally interested in the business.

The Inlaid Floor Company maintains offices in both San Francisco and Oakland. The factory is located at 18th and Alabama streets, in this city, and is a two-story fireproof structure, as shown

in colors, has just been issued by the Inlaid Floor Co., showing numerous patterns of floors, borders and grills, which are carried in stock. The company solicits correspondence from owners, architects and contractors and will gladly submit water color sketches of any special work desired.

The recent work of the Inlaid Floor Company embraces nearly all of the largest and best known private homes and public buildings in and about San

Stern, J. Liebes, St. Luke's Hospital and the Masonic Temple. In Piedmont, Berkeley and Alameda the Inlaid Floor Company have installed their work in the residences of H. W. Taylor, H. H. Hart, Mr. Alexander, H. K. Moffatt, Mr. Barbour, Frank Havens, Wicham Havens, Adolph Uhl, George H. Tyson and James Tyson. The handsome country home of Wm. Tevis at Bakersfield furnishes another excellent example of their workmanship.

MAY VOTE SCHOOL BONDS.

CHICO (Butte Co.), June 12.—The voters of Chico High School District will register their verdict July 7th on a plan to issue bonds for \$70,000 with which to enlarge the High School to a size sufficient for present and future needs. There is hardly seating room at the buildings now in use and a great increase in attendance is expected next term.

The School Board last night chose the date for the High School bond election, and will shortly call an election for bonds in the sum of \$45,000 to be used to construct additional buildings to accommodate the great increase in Grammar School attendance.

EXPECT BIG TIMBER SALE.

District Forester DuBois announces that the Forest Service is anticipating considerable timber sale business adjacent to the branch line of the Southern Pacific Railroad now being constructed from Susanville to the Meadows, through a large body of Government timber on the Susan River watershed within the southeastern portion of the Lassen National Forest.

The stumpage values of the timber within these chances have been appraised, and they will be offered for sale by the Government during the coming Summer. The total amount of timber involved is 456,000,000 feet board measure. The individual chances range in amount from 54,000,000 feet board measure to 127,000,000 feet board measure.

WHY HE WAS UNHAPPY IN ARIZONA.

Tom McNeal tells of a Kansas man who tried living down in Southwest Arizona. One of his objections to the country is the high cost of living. In the three years he was there the weather got so hot on four different occasions that it melted the gold fillings out of his teeth. That made his dentist bills something awful. He finally decided to have his teeth pulled and wear store teeth, but the metal plates got so hot they scorched the roof of his mouth and his gums till they were covered with blisters. The last year he discarded teeth entirely and gummed it, but he wants no more of that country in his.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment houses, 3, 3 story and base, frame, \$12,000 to \$25,000 each. Architect, none. Owners, Metropolis Investment Co., 332 Bush street, S. F. These buildings will be erected at the northwest corner of Hyde and Sacramento streets. Interiors will be arranged for two and three room suites with private baths and wall beds. Interior finish will be of pine with elm panels and hardwood floors. There will be steam heat. Bath rooms will be finished in cement plaster. Exterior will be covered with klinker brick veneer and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$35,000. Architect, James H. Schack, Lippy Bldg., Seattle. Owner, C. D. Stimpson. The building will cover an area of 43x117 feet and is to be arranged for thirteen suites of three rooms each and twelve suites of two rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine throughout. Some hardwood floors will be used. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with cement plaster and pressed brick. Plans are complete and figures are now being taken.

SEATTLE, WASH.—Apartment house, 3 story and base, brick, \$35,000. Architect, V. W. Voorhees, Eitel Bldg., Seattle. Owner, Dr. G. H. Randall. The building will be erected on Highland Drive and has a frontage on that street of 66 feet and a depth of 70 feet. Plans show 22 apartments of three rooms and bath each. Interior finish will be of pine and white enamel. There will be steam heat, an automatic elevator and vacuum cleaning system. Bath rooms will be finished in cement plaster. A hot water plant will also be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, Arthur T. Ehrenpfort, 251 Kearny St., S. F. Owner's name withheld. The building will be erected at the northeast corner of Cole and Rivoli streets, and has been designed to contain ve suites of four rooms and bath each. Interior finish will be of pine with some elm panels and hardwood floors. A steam heating system will be installed. Bath rooms will be finished in cement plaster. All apartments will be equipped with wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans have been completed and the architect is now taking figures on the work.

SAN FRANCISCO—Apartment house, 5 story and base. Class C construction, \$125,000. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building is to be erected in the Fifty Vara District and will cover a large area. Plans are arranged for 125 suites and single rooms, all of which will have private

baths. There will be steam heat, elevator service, a hot water system and vacuum cleaning plant. Interior finish will be of pine and hardwood with ornamental plaster used in the lobby and amusement rooms. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

PASADENA, LOS ANGELES CO., CAL.—Apartment house, 4 story and base, brick, \$60,000. Architects, Krucker & Deckbar, Ferguson Bldg., L. A. Owners, Charles Slade and S. S. Wood. The building will be erected on a corner site and has been arranged for ten three-room suites and thirty-five two-room suites. Interior finish will be of pine and hardwoods. Ornamental plaster will be used in the lobby and amusement rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Bath rooms will be finished in cement plaster. All suites will have connecting baths and wall beds. Exterior of the building will be faced with pressed brick. Marble and tile will be used extensively. Plans are complete and figures are being taken.

Contracts Awarded.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick, \$38,000. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Anna Baker, Contractors, Pozzo Construction Co., 431 Macy St., L. A. Contract price, \$38,000.

CHURCHES.

OAKLAND, CAL.—Synagogue, 1 story and base, reinforced concrete, \$75,000. Architect, G. Albert Lansburgh, 709 Mission St., S. F. Owners, Jewish Synagogue Association of Oakland. This building has been mentioned here before when the architect was first commissioned to prepare the plans. The edifice will be erected at 28th and Webster streets, and has been designed in the classic style. Construction will be fireproof throughout with concrete floors and walls. Exterior will be faced with cement plaster. Interior finish will be of pine, hardwoods and ornamental plaster. There will be a central heating system and a vacuum cleaning plant. Considerable marble and tile will be used. Plans are complete and figures are now being taken.

SAN PEDRO, LOS ANGELES CO., CAL.—Church and institutional building, 4 story and base. Class A construction, \$100,000. Architect, Thornton Fitzhugh, Pacific Electric Bldg., L. A. Owners, First Methodist Church of San Pedro. The project is still in the preliminary stage and details of construction cannot be given at this time. The plan of the owners is to construct a building which will contain the church proper and dormitories, class rooms, gymnasium, library and auditorium. Construction will be fireproof throughout. Funds are now being raised. Further details will be given in these columns as the plans progress.

LONG BEACH, LOS ANGELES CO., CAL.—Church, 1 story and base, brick and steel, \$75,000. Architects, H. M.

Patterson & Co., O. T. Johnson Bldg., L. A. Owners, Congregational Church of Long Beach. Plans for this building show an attractive structure designed in the Gothic style and covering an area of 100x150 feet. The church will contain a main auditorium seating 1,400 people and a Sunday school seating 500. Besides these two large rooms there will be eighteen class rooms, parlors, library and pastor's study. Basement has been arranged for dining rooms, social hall and junior department. Construction will be of brick with exterior faced with pressed brick. There will be a central heating system. Interior will be finished in pine and hardwood with ornamental plaster. Plans are being prepared.

FACTORIES & WAREHOUSES.

SAN FRANCISCO—Warehouses, 2, 1 story and base, brick and steel, \$65,000 and \$150,000. Architect, none. Owners, United States Steel Products Co., Rialto Bldg., S. F. These two buildings are to be erected at the foot of 20th street. A contract for the foundation work has already been let to the Thompson Bridge Co., and the balance of the work will be done by Day Labor under the direction of the owners. One building will cover an area of 162x240 feet and the other an area of 300x380 feet. The smaller structure will be entirely of brick while the larger will have a complete steel frame. Exterior will be faced with stock brick. Work is now underway.

PORTLAND, ORE.—Warehouse, 4 story and base, brick. Cost not stated. Architect, Robert F. Teget, Swetland Bldg., Portland. Owner's name withheld. The building will be erected at the corner of 14th and Burnside streets and will cover a large area. Construction will be of the heavy mill type. Interior will be finished in pine for the offices of the owners. Plans provide for fireproof doors, metal window sash and frames, elevator service and spiral chutes. Exterior of the building will be faced with stock brick. Plans are now being prepared.

LOS ANGELES, CAL.—Warehouse, 5 story and base, reinforced concrete. Cost not stated. Architect's name not given. Owners, City of Los Angeles. Plans for this building, which is to be erected on San Julian street, have been approved by the Board of Education and are now out for figures. Bids will be opened on June 28th. The building will cover an area of 75x90 feet. There will be reinforced concrete walls, floors and roof. Plans provide for elevator service, metal window sash and frames and fireproof doors. Exterior will be faced with cement plaster. Plans can be secured from the secretary of the Board of Education.

BELLINGHAM, WASH.—Cement plant, reinforced concrete construction, \$1,000,000. Engineers not selected. Owners, Puget Sound Cement and Lime Co., Seattle. The Puget Sound Cement and Lime Co., which was recently incorporated at \$3,500,000 for the purpose of manufacturing cement from deposits owned by the company on Orcas Island, has purchased a site from C. H. Larrabee just south of Bellingham, on which to erect a \$1,000,000 plant. Those behind the company are Hans Pederson, the contractor, Madison Bldg., Alex. Paulsen, Paulson Bldg., Spokane, William Thaanum, of the Washington Savings and Loan Association, 810 2nd

Ave., Geo. W. Allen, manager of the National Surety Co., Alaska Bldg., Victor C. Coxhead, Ronald Station, and C. P. Hissett, 914 24th Ave. N. All of Seattle. The plant to be erected, it is stated, will be one of the most modern on the Coast. The erection of this large plant like that of the Olympic Portland cement plant (Haffour-Guthrie interests), now completed, north of Bellingham, will be one of the big construction features of the year in this territory. Further mention of the work will be made in these columns as the plans progress.

Contracts Awarded.

SAN FERNANDO, LOS ANGELES CO., CAL.—Ice plant, 1 and 2 story and base, reinforced concrete, \$22,000. Engineers, Engineering Department Pacific Fruit Express, Pacific Electric Bldg., L. A. Owners, Pacific Fruit Express. Contractor, Carl Leonhardt, H. W. Hellman Bldg., L. A. Contract price, \$22,000. Note: The contract has been taken with the condition that the owners furnish cement and electric work.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Police station, 2 story and base, brick and stone. Cost not stated. Architect, Architectural Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for the construction of the Harbor Police Station have been approved and are now out for figures. The building will contain captain's office, general office, cell block and retiring rooms for the patrolmen. There will be a central heating system and modern plumbing. Interior will be finished in pine and hardwood. The exterior of the building will be faced with pressed brick and stone. Plans can be secured from the Department of Architecture. Bids will be opened on June 15th by the Board of Public Works.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$4,000. Architect, none. Owner, Mrs. Anna P. Marsh, 418 Raymond Apartments, Franklin and Market streets, S. F. The building will be erected on 8th avenue south of Cabrillo, and will contain two modern flats of four and five rooms each. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be either open fire places or gas grates. Mantels will be of tile. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with shiplap and rustic with klunker brick veneer. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Flat, 2 story and base, frame, \$3,000. Architect, John Anderson, 1422 Broadway, Oakland. Owner, T. F. Watson. The building will be erected on 41st street and has been designed to contain two flats of four and five rooms each with bath. Interior finish will be of pine and redwood with some hardwood floors. There will be open fire places and brick mantels. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor under the direction of Mr. Anderson.

GARAGES.

OAKLAND, CAL.—Garage and sales rooms, 2 story and base, reinforced concrete, \$50,000. Architects, Willis Polk & Co., Merchants' Exchange Bldg., S. F. Owner, Cuyler Lee. The building will be erected at the corner of 24th and Broadway and has been designed for an automobile sales room. Interior of the front portion of the building will be handsomely finished in hardwoods, marble and tile. Rear of the first floor and entire second floor will be used for repair shop and storage space. Construction will be fireproof throughout. Metal window sash and frames are specified. Exterior of the building will be faced with cement plaster. Plans are complete and figures are now being taken for the excavating, concrete work and steel. As soon as specifications for the balance of the work can be completed it will be put out for figures.

LOS ANGELES, CAL.—Garage, 1 story and base, reinforced concrete, \$12,000. Architect, C. C. Rittenhouse, Wilcox Bldg., L. A. Owners, Messrs. Belgard and Jackson. The building has been designed for a commercial garage and will cover an area of 65x150 feet. Construction will be fireproof throughout with cement floor and reinforced concrete walls. Plans provide for metal window sash and frames, special storage tanks and patent store fronts. The front of the building will be fitted up for offices and is to be handsomely finished. Exterior will be faced with cement plaster. Plans are complete and figures are being taken.

LOS ANGELES, CAL.—Garage, 1 story and base, brick. Cost not stated. Architects, Kempel & Erkes, Henne Bldg., L. A. Owners, Schmidt Estate. The building will cover an area of 100x176 feet. There will be four stores besides the garage. Design is in the Old English style. There will be a concrete floor, copper store fronts, ruffled brick facing and granite base. A slate roof is specified. Plans are nearly complete and bids will be called at once.

LOS ANGELES, CAL.—Garage, 2 story and base, brick. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, H. W. O'Melveny. The building will be erected at the corner of 12th and Figueroa streets, and has been designed for a commercial garage. The building will cover an area of 60x150 feet. The first floor and basement will be given over to storage space and offices. Upper floor will be fitted up for a modern machine shop. There will be special gasoline storage tanks. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

GOVERNMENT WORK AND SUPPLIES.

Santa Barbara, Cal., Post Office.

As previously reported, the contract for the construction of the U. S. public building at Santa Barbara, Cal., was awarded to Eugene Schuler, Wahpeton, N. D., at \$105,015. In the construction of the building the following fixtures and materials will be used: Plumbing fixtures, Federal-Huber Co.; direct radiators, Kewanee Boiler Co.; wall radiators, Fowler & Wolf Mfg. Co.; non-conducting coverings, Ehret-Magnesia

Mfg. Co.; radiator valves, Jenkins Bros.; pressure regulator, Bishop, Babcock, Becker Co.; air valves for radiators, do; air valves for end of steam mains, etc., do; hydraulic vacuum pump for air removal system, do; boiler, Kewanee Boiler Co.; lighting fixtures, Brass Products Co.; cabinet and tablet, Frank Adam Electric Co.; conduit, Mark Mfg. Co.; wire, John A. Roebling's Sons Co.; plug receptacles, Bryant Electric Co.; snap switches, Arrow Electric Co.

Pocatello, Idaho, Construction.

The following is a detail of the bids received by the supervising architect, Treasury Department, Washington, D. C., for the construction of the U. S. post office and court house at Pocatello, Idaho:

Bid 1. Whiteway-Lee Construction Co., Boise, Idaho.

2. Palmberg & Mattson, Astoria, Ore.

3. W. D. Lovell, Minneapolis, Minn.

4. Campbell Building Co. of Utah, Salt Lake City, Utah.

5. William H. Maxwell, Auburn, Ind.

6. Hiram Lloyd Building and Construction Co., Odd Fellows Building, St. Louis, Mo.

7. George A. Whitmeyer & Sons, Ogden, Utah.

Limestone—Bid 1, \$93,300; 2, \$97,200; 3, \$99,900; 4, \$101,024; 5, \$106,627; 6, \$109,254.

Sandstone—Bid 1, \$94,445; 2, \$97,200; 4, \$99,524; 6, \$112,254; 7, \$116,662.

Alternate A (substituting brick for macadam in connection with the driveway, as specified)—Bid 1, \$907; 2, \$760; 3, \$1000; 4, \$1,750; 5, \$598; 6, \$400.

Alternate B (substituting stone for exterior terra cotta, as specified), add to limestone bid—Bid 1, \$5,011; 2, \$3,000; 3, \$3,000; 4, \$1,700; 5, \$2,085; 6, \$4,000. Add to sandstone bid—Bid 1, \$5,694; 2, \$3,000; 4, \$4,300; 6, \$7,500; 7, \$6,195.

Alternate C (substituting granite for concrete in connection with terrace steps at Arthur avenue entrance, as specified), add—Bid 1, \$184; 2, \$500; 3, \$400; 4, \$282; 5, \$230; 6, \$400.

Alternate D (substituting terrazzo floor with marble borders, marble cross strips, marble base, marble thresholds, etc., for wood floor base, etc., in 2nd story corridor, as specified), add—Bid 1, \$799; 2, \$940; 3, \$600; 4, \$447; 5, \$248; 6, \$400.

Alternate E (substituting Keene's cement for hard plaster, as specified)—Bid 1, \$630; 2, \$600; 3, \$1,000; 4, \$500; 5, \$700; 6, \$800.

Amount included for all work in connection with approaches—Bid 1, \$2,230; 2, \$1,875; 3, \$2,300; 4, \$2,400; 5, \$2,134; 6, \$4,300.

Amount included for subdrainage system, complete, including catch basin—Bid 1, \$630; 2, \$350; 3, \$300; 4, \$375; 5, \$218; 6, \$580.

Amount included for all work in connection with waterproofing of basement walls, including the brick or terra cotta lining—Bid 1, \$814; 2, \$150; 3, \$300; 4, \$415; 6, \$446; 6, \$450.

Amount included for window and door screens—Bid 1, \$525; 2, \$440; 3, \$500; 4, \$435; 5, \$1,280; 6, \$300.

Amount included for all work specified under heading of "Plumbing"—Bid 1, \$4,185; 2, \$6,300; 3, \$1,500; 4, \$1,750; 5, \$6,860; 6, \$1,700.

Amount included for all marble work and terrazzo floors, complete in place, in all toilet rooms and in janitor's

sink closet—Bid 1, \$2,430; 2, \$2,500; 3, \$2,000; 4, \$2,750; 5, \$1800; 6, \$200.

Amount included for all work specified under head of "Gas piping"—Bid 1, \$472; 2, \$475; 3, \$150; 4, \$390; 5, \$420; 6, \$300; 7, \$275.

Amount included for all work specified under "Heating apparatus"—Bid 1, \$6,109; 2, \$5,010; 3, \$4,500; 4, \$4,650; 5, \$4,538; 6, \$4,900.

Amount included for all work specified under head of "Conduit and wiring system"—Bid 1, \$2,310; 2, \$2,800; 3, \$2,500; 4, \$2,925; 5, \$2,600; 6, \$2,000.

Amount included for all work specified under "Lighting fixtures"—Bid 1, \$1,625; 2, \$1,800; 3, \$1,600; 4, \$1,400; 5, \$1,700; 6, \$1,100.

Amount to be deducted if nonconducting coverings are omitted from the of water tank, all cold water, hot water, and circulating piping of plumbing system, except the ice water piping and piping concealed in chases—Bid 1, \$400; 2, \$125; 3, \$200; 4, \$375; 5, \$280; 6, \$100.

Amount to be deducted if all nonconducting coverings are omitted from the reeching and pipes and fittings of heating apparatus, except risers in chases—Bid 1, \$240; 2, \$185; 3, \$200; 4, \$260; 5, \$35; 6, \$150; 7, \$400.

Manufacturer of plumbing fixtures—Bid 1, Federal-Huber Co.; 2, Federal-Huber; 3, Crane Co.; 4, John Douglas & Co.; 5, Federal-Huber; 6, Wolff; 7, Crane Co.

Manufacturer of lighting fixtures—Bid 1, Brass Products Co.; 2, Frank Adam Electric Co.; 3, Frank Adam; 4, Capitol Electric Co., Salt Lake City; 5, Brass Products Co.; 7, General Electric

Manufacturer of direct radiators—Bid 1, U. S. Radiator Corporation; 2, American Radiator Co.; 3, American Radiator Co.; 4, American Radiator Co.; 5, Kewanee; 6, American Radiator Co.

Manufacturer of indirect radiators—Bid 1, U. S. Radiator Corporation; 2, American Radiator Co.; 3, American Radiator Co.; 4, American Radiator Co.; 7, American Radiator Co.

Manufacturer of wall radiators—Bid 1, U. S. Radiator Corporation; 2, American Radiator Co.; 3, American Radiator Co.; 4, American Radiator Co.; 7, American Radiator Co.

Manufacturer of nonconducting coverings—Bid 1, Johns-Manville; 3, Johns-Manville; 4, Johns-Manville; 7, American Radiator Co.

Manufacturer of radiator valves—Bid 1, Crane Co.; 2, Jenkins; 3, Jenkins; 4, Jenkins; 6, Jenkins; 7, Crane Co.

Manufacturer of conduit and tablet—Bid 1, Brass Products Co.; 2, Frank Adam; 3, Frank Adam; 4, Frank Adam; 5, Frank Adam; 7, General Electric Co.

Manufacturer of conduit—Bid 1, Brass Products Co.; 2, "Galvaduct"; 3, Western Conduit Co.; 4, National Metal Mfg. Co.; 6, Western Mfg. Co.; 7, General Electric Co.

Manufacturer of wire—Bid 1, Waterbury Co.; 2, John Roebbling's Sons Co.; 3, Hazard Mfg. Co.; 4, Phillips Insulated Wire Co.; 6, Hazard Mfg. Co.; 7, General Electric Co.

Manufacturer of plug receptacles—Bid 1, Bryant Electric Co.; 2, General Electric Co.; 3, Bryant; 4, General Electric Co.; 6, Bryant; 7, General Electric Co.

Manufacturer of snap switches—Bid 1, Hart Mfg. Co.; 2, General Electric

Co.; 3, Arrow Electric Co.; 4, General Electric Co.; 6, Arrow; 7, General Electric Co.

Prospective Bidders.

Specifications for work under the office of the supervising architect have been furnished to the following firms in addition to those previously noted in these columns:

Grand Junction, Colo., Construction, June 24.

Wm. H. Maxwell, Auburn, Ind.
Conners Bros. Co., Lowell, Mass.
Hiram Lloyd Building and Construction Co., Odd Fellows Bldg., St. Louis, Mo.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

J. H. Wiese, Omaha, Neb.

King Lumber Co., Charlottesville, Va.
J. J. Lumsden, Canon Block, Grand Junction, Colo.

P. J. Moran, Contractor (Inc.), Salt Lake City, Utah.

George Hinchliff Co., Security Bldg., Chicago, Ill.

Campbell Building Co., Salt Lake City, Utah.

Christensen Construction Co., 17 W. 42nd street, New York city.

George A. Warning, General Contractor, Grand Junction, Colo.

Grass Valley, Cal., Construction, June 30.

The Northwestern Co., Post Office Bldg., Santa Barbara, Cal.

King Lumber Co., Charlottesville, Va.
B. J. Duffy, 3673 17th street, San Francisco, Cal.

Christensen Bros., Oakland, Cal.

Honolulu, Hawaii, Construction, June 20.

King Lumber Co., Charlottesville, Va.
Wm. H. Maxwell, Auburn, Ind.

P. J. Carlin Construction Co., 1 Madison avenue, New York city.

J. E. & A. L. Pennock, Land Title Building, Philadelphia, Pa.

Grant Fee, San Francisco, Cal.

Southern Construction Co., Lowman Bldg., Seattle, Wash.

The Wittenman Co., Buffalo, N. Y.

W. N. Concannon, San Francisco, Cal.

Yards and Docks.

Specifications for work under the bureau of yards and docks, Navy Department, have been furnished to the following firms in addition to those previously mentioned in these columns:

Pearl Harbor, Building, June 28.

Spaulding Construction Co., Portland, Ore.

Crane Co., Washington, D. C.

W. N. Concannon, San Francisco, Cal.

Carnegie Steel Co., Philadelphia, Pa.

Conners Bros. Co., Lowell, Mass.

Pearl Harbor, Gunners' Quarters, June 28.

Spaulding Construction Co., Portland, Ore.

Crane Co., Washington, D. C.

Conners Bros., Lowell, Mass.

Carnegie Steel Co., Philadelphia, Pa.

W. N. Concannon, San Francisco, Cal.

Puget Sound, Cranes, June 21.

General Electric Co., Schenectady, N. Y.

Cutler-Hammer Mfg. Co., Milwaukee, Wis.

Niles-Cement-Pond Co., 111 Broadway, New York city.

Curtis Pneumatic Machinery Co., St. Louis, Mo.

Pawling & Harnischfeger Co., Milwaukee, Wis.

Manning, Maxwell & Moors, 85 Liberty street, New York city.

J. H. Schneider Iron Co., National Bank Bldg., Washington, D. C.
American Hoist and Derrick Co., St. Paul, Minn.

Morgan Engineering Co., Alliance, O.
Cyclops Iron Works, 847 Folsom street, San Francisco, Cal.

Dutler Engineering and Construction Co., 687 Howard street, San Francisco, Cal.

Doors for Canal Fortifications.

On July 7, 1913, the Isthmian Canal Commission will open bids under circular 780 for furnishing a number of doors and gratings for seacoast batteries in connection with the fortifications on the Pacific and Atlantic sides of the Isthmus of Panama. These doors and material are to be of structural steel and the gratings are to be of mild steel of the same characteristics as is specified for the doors. The following batteries will be supplied with the necessary doors and gratings: Howard, Tibball, Merritt, Kilpatrick, Weed, Parke, Stanley, Mower, Webb, Burnside, Buell and Warren.

The doors for battery Howard are to be delivered on the Isthmus within two months after the award, while those for batteries Stanley and Mower within three months after the award, and the entire order is to be delivered complete within six months. The specifications state that the award is to be made in the aggregate and to one firm only. The question of early delivery will be given careful consideration when award is made. The desired quantities are 156 double doors, 25 single hinge doors, 1 double sliding door, 104 sliding doors, 122 sliding gratings, 15 double sliding gratings, 52 double-hinge gratings, 116 single-hinge gratings, 3 double lazy tong gratings, and 3 single lazy tong gratings.

Wahpeton Indian School.

The following bids were received at the office of the commissioner of Indian Affairs, Washington, D. C., for the erection of a brick hospital at the Wahpeton Indian School, N. D.:

Item 1, for the building complete; 2, for omitting plaster ceiling and substituting metal; 3, for using hardwood floors.

F. A. Hancock, Morris, Minn., Item 1, \$24,350; 2, add \$350; 3, add \$150.

R. K. Hafsos, Aberdeen, S. D., Item 1, \$17,960; 2, add \$200; 3, add \$190.

Schuland & Co., Alexandria, Minn., Item 1, \$19,742; 2, add \$205; 3, add \$5.

W. D. Lovell, Minneapolis, Minn., Item 1, \$19,800; 2, add \$200; 3, add \$100.

Raymond Stencil, Wahpeton, N. D., Item 1, \$22,497; 2, add \$73; 3, add \$25.

Sam Christensen, Wahpeton, N. D., Item 1, \$22,600; 2, \$22,984; 3, \$22,740.

Lumber and Piles, Canal Circular 780.

The Isthmian Canal Commission is calling for bids for furnishing a quantity of lumber and piles under classes 6, 7 and 8 of canal circular 780, bids to be opened July 7. The details of these classes follow:

Class 6—25,000 ft siding, 5,000 ft 1x4 lumber, \$48; 250,000 ft 1x12 lumber, \$48; 50,000 ft 2x3 lumber, \$48; 50,000 ft 2x4 lumber, \$48; 40,000 ft 2x8 lumber, \$48; 100,000 ft 2x13 lumber, \$181E; 100,000 ft 2x12 lumber, \$48; 60,000 ft 3x8 lumber, \$48; 120,000 ft 3x10 lumber, \$48; 50,000 ft 3x12 lumber, \$48; 80,000 ft 4x4 lumber, \$48; 30,000 ft 6x8 lumber, rough; 30,000 ft 6x12 lumber, rough; 50,000 ft 8x8 lumber, rough;

20,000 ft 8x10 lumber, rough; 15,000 ft 8x12 lumber, rough; 70,000 ft 12x12 lumber, rough.

Class 7.—125,000 ft 3x6 inch yellow pine lumber for car stakes.

Class 8.—Creosoted piles: 50 lengths 50 ft; 50 lengths 55 ft; 100 lengths 60 ft; 50 lengths 65 ft; 50 lengths 70 ft; 100 lengths 75 ft; 100 lengths 80 ft.

Canal Circular 780.

The Isthmian Canal Commission will open bids on July 7 under circular 780 for furnishing the following supplies and material:

Class 1. Doors and gratings for sea-coast batteries.

Class 2. 18 locomotive driving wheel tires.

Class 3. 1,500 deck scrubbing brushes.

Class 4. 100,000 lbs. fire clay.

Class 5. 3,000 gals liquid coal tar.

Class 6. A quantity of dressed and rough lumber.

Class 7. 125,000 ft yellow pine lumber for car stakes.

Class 8. A quantity of creosoted piles.

Pearl Harbor, H. T., Oil Tank.

The contract for the construction of an oil tank at the U. S. naval station, Pearl Harbor, under bids opened May 24, has been awarded to the Treadwell Construction Co., Midland, Pa., at \$20,250.

Building, Fort Huachuca, Ariz.

The contract for all work in connection with the construction of buildings at Fort Huachuca, Ariz., including the construction, plumbing, heating, wiring, lighting, etc., has been awarded to J. P. Dalton & Sons, of Junction City, Kans., at prices as follows: For three double sets of officers' quarters, \$11,198 each, plus for two additional replaces on second floor of same, \$140 each; for two company barracks, \$13,268 each; for one double lavatory, \$7,808 each; for extension to sewer system, \$3,443; for addition to hospital, \$17,813; for concrete floor in lavatory, \$65; for addition to commissary storehouse, \$14,087; grand total for all work, \$108,766. Plumbing fixtures manufactured by the L. Wolf Mfg. Co. are to be used. The old quartermaster's storehouse is not to be remodeled at this time, contract having been awarded for two company barracks, instead of one.

Canal Circular 778-A.

The following bid was received by the general purchasing officer, Isthmian Canal Commission, Washington, D. C., for furnishing Class 1 of canal circular 778-A, a miscellaneous quantity of enamel brick:

Bid 1. American Enamel Brick Co., 1182 Broadway, New York city, \$10,760.99; delivery 115 days; inspection to be made at South River, N. J.

HALLS AND SOCIETY BUILDINGS.

OAKLAND, CAL.—Museum, 1 story and base, frame addition, \$4,000. Architect, Supervising Architect J. J. Donovan, Security Bank Bldg., Oakland. Owners, City of Oakland. Bids for this work were opened at the last meeting of the Library Trustees and all bids have been rejected as the lowest was some \$500 above the amount available. Plans will probably be revised. A complete list of the figures as opened appears under the heading of Oakland and Alameda County in this issue.

SAN FRANCISCO—Lodge hall, 3 story and base, Class A and class C construction, \$180,000. Architect, Will D. Shea, 244 Kearny St., S. F. Owners, Young Men's Institute. This building has been mentioned here a number of times before. A contract for the excavating has been awarded to Daniel O'Day & Co., and plans for the balance of the work are now out for figures. The building is classic in design and will be of the class A type in nearly all parts. The first floor contains a large library, offices, reading rooms, etc. A large gymnasium will occupy the basement. Upper floors will be arranged for lodge halls, banquet rooms and ball room. Interior will be handsomely finished in hardwoods and ornamental plaster. Exterior will be faced with granite and terra cotta. There will be steam heat, elevator service, a vacuum cleaning system and other modern conveniences.

PASADENA, LOS ANGELES CO., CAL.—Lodge hall, 3 story and base, brick and steel, \$40,000. Architects, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owners, Pasadena Odd Fellows Temple Association. This work has been mentioned here before when the architects were first commissioned to prepare the plans. The basement will contain furnace rooms and a banquet hall, first floor the lobby, parlors, library and offices. A large auditorium, lodge rooms and club rooms will occupy the second floor and the third floor will be arranged for living apartments for the members. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with stone. Plans are complete and bids will be opened on June 23rd.

Contracts Awarded.

BAKERSFIELD, KERN CO., CAL.—Club house, 3 story and base, brick and steel, \$35,507. Architect, Thomas B. Wiseman, Producers' Bank Bldg., Bakersfield. Owners, Bakersfield Club. Contractor, D. Ashbury Evans, Fresno. Contract price, \$35,507.

HOTELS.

SAN FRANCISCO—Hotel, 3 story and base, Class C construction. Cost not stated. Architect, Arthur T. Ehrenpfer, 251 Kearny St., S. F. Owner's name withheld. The building will be erected on Larkin street near the Civic Center. The first floor will be arranged for three stores and upper floors will be subdivided in 45 guest rooms and a number of bath rooms. Plans provide for steam heat, elevator service and a hot water plant. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster or pressed brick. Plans are now being prepared.

SALEM, ORE.—Hotel, 4 story and base, brick and concrete, \$85,000. Architect, Aaron Gould, Worcester Bldg., Portland. Owner, R. R. Ryan. The building will occupy an important business corner and will cover an area of 160x103 feet. There will be a number of stores on the first floor besides the hotel lobby and offices. Upper floors will be subdivided into a large number of guest rooms, offices and club rooms. Plans provide for steam heat, elevator service and a hot water plant. Interior finish will be of pine throughout. Bath rooms will be wainscoted with tile.

The exterior of the building will be faced with pressed brick. Plans are now complete and figures are being taken.

SPRINGFIELD, ORE.—Hotel, 3 story and base, concrete and brick, \$75,000. Architect, George Post, Salem. Owner, D. S. Pabb. The building has been designed for a modern commercial hotel. The corner lot on which the building will be erected covers an area of 100x110 feet. The first floor will contain stores, hotel lobby, offices and dining rooms. Upper floors will be subdivided into about 110 guest rooms, a number of which will have connecting baths. There will be steam heat and a hot water plant. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed pressed brick and cement plaster. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 3 story and base, brick. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owner, Walter H. Fisher. Contractor, Alex Grant, 1002 Union Oil Bldg., L. A. Note: This contract has been taken on a percentage basis. Plans have not been completed but work will start within a few days.

IMPERIAL, IMPERIAL CO., CAL.—Hotel addition, 2 story, brick. Cost not stated. Architects, Alfred W. Rea and Charles Garstang, Black Bldg., L. A. Owners, Hotel Imperial Co. The addition will be two stories high and covers an area of 44x135 feet. Plans provide for a store room, 24 guest rooms and 16 baths. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. Besides this addition plans will be drawn shortly for an arcade 13 feet wide and also of brick construction. Plans for the addition are complete and figures are being taken.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, E. C. Thorne, Realty Board Bldg., L. A. Owner, I. I. De Hall. The building will be erected at the corner of Los Angeles and Commercial streets and will cover an area of 64x110 feet. There will be five stores on the first floor besides the entrance to the hotel. Upper floors will be subdivided into 100 guest rooms and a number of baths. Interior finish will be entirely of pine. Bath rooms will have cement floors and tile wainscot. There will be steam heat, elevator service and a hot water supply. Exterior of the building will be faced with pressed brick. Plans are complete and materials are now being purchased. The work will be done by Day Labor.

Contracts Awarded.

MODESTO, STANISLAUS CO., CAL.—Hotel, 4 story and base, brick and steel \$115,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Crow & Hogan. Contractor, George Shannon, Modesto. This contract has been taken on a percentage basis. Plans are now being prepared and work will be started as soon as the working drawings are completed.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO—Palace of Mine frame construction, \$217,000. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids for the construction of the Palace of Mines will

opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. on Thursday. Bids were also opened at the same time for the plumbing, sewers and water pipes in the same building. Streshlow, Freeze & Peterson were low at \$217,000 for the general construction, and Robert Dalziel, Jr., Co. were low on the plumbing at \$13,847. No contracts were awarded. A complete list of the bids appears under San Francisco in this issue.

RAILROAD CONSTRUCTION—AND EQUIPMENT

LOS ANGELES, CAL. Passenger station, 1 and 2 story and base. Class A and C construction, \$250,000. Architects, Parkinson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. This work was mentioned here last week. Working drawings for the building are complete and figures will be called for at once. The main portion of the building will be one story high and of the class A type, 220 feet long and 70 feet wide. Two, two-story wings of the class C type will complete the building.

RESIDENCES.

SAN FRANCISCO—Residence, 3 story and base, brick and frame, \$6,000. Architect, none. Owner, Mary E. Sealey, 306 Geary St., S. F. The dwelling will be erected at the corner of Powell and Sacramento streets, and will contain in the neighborhood of ten rooms and two baths. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with pressed brick. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story, attic and base, frame, \$12,000. Architect, none. Owner, Dr. A. B. Paulding, Lane Hospital, S. F. The dwelling will be erected on Green street between Divisadero and Broadway streets, and has been designed to contain ten rooms, three baths and a sleeping porch. Interior will be handsomely finished in pine, oak and mahogany. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Hardwood floors are specified in all rooms. Exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

PIEDMONT, ALAMEDA CO., CAL.—Residence alterations, 2 story and base, frame, \$2,500. Architects, Milwain Bros., Delger Bldg., Oakland. Owner, Mrs. C. J. Evans. This work will consist of new plastering, plumbing, painting and electric work. Interior of the house will be altered and two new rooms added. Interior finish will be of pine and hardwood. Hardwood floors will be used in the principal rooms. Furnace heat is to be installed. A large brick mantel will be used in the living room. Exterior of the dwelling will be covered with shingles. Plans are complete and the work will be done by Day Labor.

PIEDMONT, ALAMEDA CO., CAL.—

Residence, 2 story, attic and base, frame, \$25,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, H. J. Knolles. The dwelling will be erected on Mountain avenue, and will contain in the neighborhood of fourteen rooms, several baths and sleeping porches. A garage will also be erected on the lot. Interior of the dwelling will be finished in pine, oak and mahogany with the sleeping rooms finished in white enamel. There will be furnace heat and open fire places. Mantels will be of brick or tile. Hardwood floors will be used in the principal rooms. Bath rooms will be finished in tile. Plans provide for an automatic water heater and vacuum cleaning system. Exterior of the house will be covered with cement plaster on metal lath. Plans have been completed and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Harris Allen, 2514 Hillegass Ave., Berkeley. Owner, Mrs. Gertrude D. White. This house will be erected on Plaza Drive, in Claremont Park, and has been designed to contain seven rooms, bath and sleeping porch. All interior finish will be of pine. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, John Hudson Thomas, First National Bank Bldg., Berkeley. Owner, F. Thomas, Jr. The dwelling has been designed for a six room house with bath. Interior will be finished in pine and redwood with hardwood floors in the principal rooms. There will be furnace heat and an open fire place. Mantel will be of brick or tile. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with shakes. Plans are now being prepared.

SAN LEANDRO, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$6,000. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, Mr. Merrill. The dwelling will contain eight rooms, bath and sleeping porch. Interior finish will be of pine, oak and mahogany. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. The owner is now purchasing all materials.

SEATTLE, WASH.—Residence, 3 story and base, brick and frame, \$100,000. Architects, Cutler & Malmgren, Paulson Bldg., Seattle. Owner, C. D. Stimpson. This work has been mentioned here before when plans were first started. The dwelling will be erected in Highlands, and is to be one of the most attractive homes in Seattle. Interior will be finished entirely in hardwoods. Baths will have tile floors and wainscot. There will be a

central heating system, probably steam. The exterior of the house will be faced with pressed brick. Plans are complete and the work is being done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame, \$3,000. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, James Welsh. The dwelling has been designed for a seven-room house with bath, and will be erected on 11th avenue near Anza street. Interior will be finished in pine and elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with brick veneer to the water table and with cement plaster and rustic above that point. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Residences, 3, 2 story and base, frame. Cost not stated. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, Oscar Heyman Bros. These houses have been designed for seven and eight room dwellings and will be erected on 24th avenue near Lincoln Way. Interior finish will be of pine with some elm panels and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will also be used in the bath rooms and kitchens. Automatic water heaters will be installed in the eight-room houses. Exteriors will be covered with cement plaster on metal lath, brick veneer, shingles and rustic. Plans are being prepared and when complete the work will be done by Day Labor.

SAN FRANCISCO—Residence, 2 story and base, frame. Cost not stated. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected on the Great Highway near the wireless station, and has been designed for a ten room house with baths and sleeping porches. Interior will be finished in pine, oak and mahogany. There will be furnace heat and open fire places. Mantels will be of brick and tile. The bath rooms will be finished in tile. Tile will also be used in the kitchen. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SAN FRANCISCO—Residences, 2, 2 story and base, frame. Cost not stated. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, Oscar Heyman Bros. These two houses will be erected on 23rd avenue near Lincoln Way, and each will contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be large open fire places in the living rooms with brick mantels. Tile will be used in the baths and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are being prepared and when complete the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,000. Architect, J. Henry Boehrer, Delger Bldg., Oakland. Owner, Milton Newmart. The house will contain seven rooms, bath and sleeping porch.

BUILDING AND INDUSTRIAL NEWS

Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

BERKELEY, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$3,000. Architect, none. Owners, United Home Builders, 1762 Broadway, Oakland. The dwelling will contain seven rooms and bath. Interior finish will be of pine with some oak veneer. Hardwood floors will be used in the living room, dining room, den and reception hall. A large sleeping porch will be a feature of the house. There will be furnace heat and an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the bungalow will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, none. Owner, I. W. Button, 5930 Telegraph Ave., Oakland. The dwelling will be erected on Oakvale avenue, and has been designed to contain seven rooms, bath and sleeping porch. Interior will be finished in pine with some oak veneer. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire place. Mantel will be of brick or tile. Bath room will be finished in cement plaster. The wainscot will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor.

LIVERMORE, ALAMEDA CO., CAL.—Bungalow, 1 story and base, frame, \$4,500. Architect, Harvey Partridge Smith, Blake Bldg., Oakland. Owner, G. H. Todd. The dwelling will contain seven rooms and bath, and is to be erected on property adjoining the plant of the Coast Supply Co. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

LOS ANGELES, CAL.—Residence, 2 story and base, frame, \$15,000. Architect's name not stated. Owner, S. P. Mulford. Contractor, D. W. March, 219 So. Lake Ave., Pasadena. Contract has been taken on a percentage basis.

LOS ANGELES, CAL.—Residence, 2 story, attic and base, frame, \$32,000. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Milton E. Getz. Contractors, Barber-Bradley Construction Co., 1824 East 15th St., L. A. Contract price, \$32,000.

SCHOOLS.

SAN FRANCISCO—School, 2 story and base, brick and steel. Cost not stated. Architect, Architectural Department, Temporary City Hall Bldg., S. P. Owners, City and County of San Francisco. Plans for the Columbus

School, which is to be erected on the block bounded by 12th and 13th avenues, Kirkham and Lawton streets, have been completed and are now out for figures. The building has been designed for a twelve-room school, but only six rooms will be constructed at this time. Interior will be finished in pine and maple. There will be a complete steel frame with brick erected walls faced with pressed brick. The plans provide for a steam heating system and vacuum cleaning plant. Bids will be opened by the Board of Public Works on June 18th. Plans can be secured from the Department of Architecture.

SANTA MONICA, LOS ANGELES CO., CAL.—Schools, 2, 2 story and base, brick. Cost not stated. Architects, Allison & Allison, Hiernian Bldg., L. A. Owners, Santa Monica School District. These buildings were mentioned here last week. Plans have been completed and approved and bids will be opened by the Board of Education on June 23rd. One building will be erected on Central avenue and will contain six class rooms and an auditorium. The other improvement will be in the nature of an addition to the Roosevelt School, and will also contain six class rooms. There will be central heating systems in both buildings. Exteriors will be faced with ruffled brick. Plans can be secured from the architects.

PHOENIX, ARIZ.—School, 2 story and base, brick and steel, \$125,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Phoenix. This building has been designed as a grammar school and will cover an area of 280x120 feet. Plans provide for 16 class rooms, an assembly hall, manual training and domestic science departments and offices. Hollow tile and metal lath and plaster interior partitions will be used. Interior finish will be of pine and hardwoods. Exterior will be faced with pressed brick. Plans have been approved by the school board and bids are now being taken. Figures will be opened on July 6th.

HANFORD, KINGS CO., CAL.—School, 1 story and base, brick, \$11,000. Architects, Thayer & Doriot, Forsyth Bldg., Fresno. Owners, Hanford School District. The building will contain four class rooms and the principal's office. Interior will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and bids will be called for within a few days. Plans can be secured from the architects.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick. Cost not stated. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. The School Board has approved the preliminary plans submitted by Architect Clark for the Niles street school and have called for bids on the construction. The building will contain eight-class rooms, assembly hall, office and teachers' rooms. Interior will be finished in pine with maple floors. A central heating system will be installed. Plans provide for vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans can be secured from the architect.

BAKERSFIELD, KERN CO., CAL.—School remodeling, brick and frame construction. Cost not stated. Architect, O. L. Clark, Brower Bldg., Bakers-

field. Owners, City of Bakersfield. Plans for remodeling the Bryant School, recently damaged by fire, have been approved by the Board of Education. The work will include a new composition roof, galvanized iron cornice, interior finish and plastering. Bids will be called for on the work shortly.

FULLERTON, ORANGE CO., CAL.—School, 2 story and base, reinforced concrete and brick, \$60,000. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. All bids received for this work were above the appropriation and have been taken under advisement. The following bids were submitted: General Contract—George C. Condon, \$51,000; Sawtelle Building and Construction Co., \$78,496; Chas. Betts, Upland, \$59,275; Kling Co., \$59,372; Perkins & Holcomb, \$62,000; David Irvine, \$62,996; Plumbing—B. A. Fuller, \$2,485; Chas. Arndt, \$2,758; Coony & Winterbottom, \$2,800; J. F. Blair, \$2,300. Heating and Ventilating—Machinery and Electrical Co., \$4,573 and \$5,300; Cass-Smurdamerel, \$5,150; American Heating and Construction Co., \$5,229; E. D. Hough, \$5,560.

SEATTLE, WASH.—School, 1 story and base, reinforced concrete, \$25,000. Architect, Edgar Blair, 901 7th Ave., Seattle. Owners, City of Seattle. Plans for the East Harrison street school have been approved by the Board of Education and bids will be opened on June 25th. The building will contain six standard sized class rooms and an assembly hall. Interior will be finished in pine with maple floors. There will be steam heat and a vacuum cleaning system. Bids are to be taken for the entire work including the heating and plumbing. Exterior of the building will be faced with cement plaster. Plans can be secured from the architect or from Reuben W. Jones, Secretary of the Board of Education.

CORVALLIS, ORE.—University buildings, brick and steel construction. Cost not stated. Architects, Bennes & Hendricks, Portland. Owners, Oregon Agricultural College. The first work to be undertaken will be the construction of a large structure which will be built in three units. The first of these, which is to be occupied by the domestic science department, will be the only part built at this time. This will be three stories high and will cost \$55,000. It will be of brick and mill construction and equipped with the Plenum system of heating and ventilating; all modern plumbing, etc. The basement will have a cafe, kitchen serving room and a laundry and the upper floors will be used expressly for laboratories, including six for food and cookeries, and three large laboratories, 25x65, together with necessary lockers, reading rooms, etc. The other buildings to be built are the Art Science building and the Administration building. These are to be built later, the cost of which will make a required expenditure of \$175,000. In addition to these buildings a gymnasium will be built 261x159 in dimension, to be erected at a cost of \$160,000, but only one wing will be built at this time which will cost \$60,000. This, too, will be of brick and mill construction and will have a gymnasium, 90x150, a gallery and running track, a swimming tank 50x100, four bowling alleys and two hand ball courts.

Contracts Awarded.

HUNTINGTON PARK, LOS ANGELES CO., CAL.—School, 1 story and base, reinforced concrete. Cost not stated. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. Contractor, C. S. McCully, general construction, \$20,750; A. Frank, plumbing, \$2,625; Litsinger & Bennett, wiring, \$663.40; W. G. Hutchison Co., lighting fixtures, \$100, and G. A. Jones, sidewalk work, \$632.10.

BAKERSFIELD, KEIN CO., CAL.—School addition, 2 story and base, reinforced concrete and brick, \$28,500. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractor, M. T. Kean, Bakersfield. Contract price, \$28,500.

SEWERS, STREET WORK AND WATER SYSTEMS.

TULARE, TULARE CO., CAL.—Pumping plant, domestic service and fire service pumps. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, City of Tulare. Plans for the O street pumping station are complete and bids for the equipment will be opened on July 7th. The equipment includes the following: Two domestic service pumps of 750 gallons per minute driven by two 60 h. p. motors, and two fire service pumps of 750 gallons per minute, driven by two 40 h. p. motors. Plans can be secured from Sloan & Robson.

Contracts Awarded.

LONG BEACH, LOS ANGELES CO., CAL.—Power plant additional unit, reinforced concrete, \$1,000,000. Engineers, Southern California Edison Co. Contractors, F. O. Engstrom Co., 5th and Seaton Sts., L. A. Contract price, \$1,000,000. Note: This is the second unit of this project, work on which has been started.

STORES AND OFFICES.

SAN FRANCISCO—Stores and lofts, 5 story and base, reinforced concrete, \$35,000. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, California Poultry Co. This building has been mentioned here before when plans were first started. The building will be erected in the heart of the wholesale district, and has been designed for a large market on the first floor and storage and packing rooms above. The basement will contain a complete cooling system for the building. A large amount of tile will be used. Plans provide for elevator service and steam heat. Metal window sash and frames will be used. Exterior of the building will be faced with cement plaster. Plans have been out for figures and a contract will be awarded within a few days.

SAN FRANCISCO — Stores and billiard hall, 2 story and base, frame. Cost not stated. Architect, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Polk street at the corner of Austin avenue, and will cover an area of 69x70 feet. A market and grocery store will occupy the first floor. Upper floor will be fitted up for a large billiard and pool hall. Interior finish will be of pine. Tile and marble will be used in the stores. Patent store fronts are specified. Exterior of the building will be covered with cement

plaster and ship-lap. Plans are complete and figures are being taken.

STOCKTON, SAN JOAQUIN CO., CAL.—Stores, 1 story and base, brick, \$5,000. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owner, A. Waldemier. The building will be erected at the southwest corner of Market and Sacramento streets. There will be one store and a saloon. Interior finish will be of pine throughout. Plans provide for patent store fronts and metal window sash and frames. Exterior of the building will be faced with pressed brick. The estimated cost does not include saloon fixtures. Plans are now being prepared.

PORTLAND, ORE.—Offices, 8 story and base, reinforced concrete, \$85,000. Architects, MacNaughton & Raynond, Conard Bldg., Portland. Owners, Title and Trust Co. Contractors, Boyajohn-Arnold Co., Wilcox Bldg., Portland. This work has been mentioned here several times before. The contractors are now taking subfigures on all parts of the work.

LOS ANGELES, CAL.—Stores and offices, 12 story and base. Class A construction. Cost not stated. Architects, Morgan, Walls & Morgan, Van Nuys Bldg., L. A. Owner, William C. Kerckhoff. The building will be erected at the northwest corner of 6th and Los Angeles streets and will cover an area of 121x150 feet. The first floor will be arranged for a number of modern stores and upper floors will be subdivided into about 150 offices. There will be a complete steel frame, exterior walls of brick facing with glazed terra cotta. Reinforced concrete floors will be used. Interior will be finished in pine, oak and marble. Metal window sash and frames are specified. Plans provide for steam heat, elevator service, a vacuum cleaning plant and mail chutes. Plans are nearly complete and figures will be called for shortly.

PORTLAND, ORE.—Office building, 11 story and base. Class A construction, \$900,000. Architect, Engineering Dept. Pacific Telephone and Telegraph Co., New Montgomery St., S. F. Owners, Pacific Telephone and Telegraph Co. This building has been mentioned here a number of times before. Working drawings are now complete and bids for the general construction will be opened on July 1st. Plans and specifications can be secured from the New Montgomery street office. Construction will be fireproof throughout. The general offices of the company, mechanical department and pay stations will occupy the first floor and basement. Second floor will be devoted to the exchange room and upper floors will be arranged for offices. There will be steam heat, elevator service, metal window sash and frames and mail chutes. Marble and tile will be used extensively. Exterior of the building will be faced with pressed brick and terra cotta.

Contracts Awarded.

LOS ANGELES, CAL.—Stores and offices, 14 story and base. Class A construction. Cost not stated. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, Home Builders. Contractor, J. R. McKnight, Broadway Bldg., L. A. Contract price, \$26,000 for concrete foundations, retaining walls and footings.

BAKERSFIELD, KERN CO., CAL.—Stores and Lodge hall, 2 story and base, brick, \$25,000. Architect, J. M. Saffell,

Bakersfield. Owner, C. L. Taylor. Contractor, Fred R. Gribble, Bakersfield. Contract price, \$25,000.

SEALED PROPOSALS.**PROPOSALS FOR GASOLINE STORAGE TANKS.**

OFFICE OF THE BOARD OF FIRE COMMISSIONERS, San Francisco.

In accordance with a resolution of the Board of Fire Commissioners, duly passed May 23, 1913, sealed proposals will be received in open session of the Board on Monday, June 23, 1913, between the hours of 8.20 and 9 o'clock a. m., for furnishing, testing, delivering and installing combined gasoline storage tanks and lubricating oil equipments for the San Francisco Fire Department, in strict accordance with the conditions contained in the proposal blanks prepared by the Board of Fire Commissioners, on file, and copies of which may be obtained at the office of said Board, 1231 Market street, San Francisco, Cal.

BOARD OF FIRE COMMISSIONERS.
FRANK T. KENNEDY,
Secretary.

PROPOSALS FOR CEMENT.

SEALED PROPOSALS FOR FURNISHING cement to the City and County of San Francisco for the fiscal year 1913-1914 will be received by the Clerk of the Supervisors.

Said proposals will be opened in the meeting of the Board of Supervisors June 23, 1913, at 3:00 o'clock p. m.

Proposal blanks will be furnished on application.

JOHN W. ROGERS, Acting Clerk.
Room 222, City Hall.

NOTICE TO CONTRACTOR.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 9, 1913.—Sealed proposals will be received at this office until 3 o'clock P. M. on July 21, 1913, and then opened, for new heating boilers, etc., at the United States postoffice, Fort Townsend, Wash., in accordance with the specification, copies of which may be obtained at this office, at the discretion of the Supervising Architect. O. WENDEROOTH, Supervising Architect. (*)

BUILDINGS ERECTED SINCE MAY, 1906.

Total, Cost and Classification of Buildings Erected From May 1906 to May 31st, 1913.

Class	No. of Bldgs.	Amount
Class "A"	154	\$30,629,467
Class "B"	186	13,969,221
Class "C"	2500	74,875,269
Frames	22950	88,255,487
Alterations	19328	16,248,080
Total	45118	\$223,977,512

DISSOLUTION OF CO-PARTNERSHIP.

Co-partnership heretofore and now existing between Edwin D. Bennett and Sidney Ide Volz under firm name and style of Bennett & Volz, in conducting a general grate, mantle and tile business, at No. 184 Valencia street and 2751 16th street in the City and County of San Francisco, has been dissolved by mutual consent of said co-partners. Filed June 14, 1913.

Firms dealing news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, all carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

RESIDENCE—3 story and base, brick and frame, \$6,000. San Francisco. Architect, none. Owner, Mary E. Seeley, 2306 Geary St., S. F. The dwelling will be erected at the corner of Powell and Sacramento streets, and will contain in the neighborhood of ten rooms and two baths. Interior will be finished in pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath rooms and kitchen. Exterior of the dwelling will be covered with pressed brick. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story, attic and base, frame, \$12,000. San Francisco. Architect, none. Owner, Dr. A. B. Spaulding, Lane Hospital, S. F. The dwelling will be erected on Green street between Divisadero and Broderick streets, and has been designed to contain ten rooms, three baths and a sleeping porch. Interior will be handsomely finished in pine, oak and mahogany. There will be furnace heat and open fire places. Mantels will be of brick or tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Hardwood floors are specified in all rooms. The exterior of the house will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSES—3, 3 story and base, frame, \$12,000 to \$25,000 each. San Francisco. Architect, none. Owners, Metropolis Investment Co., 332 Bush St., S. F. These buildings will be erected at the northwest corner of Hyde and Sacramento streets. Interiors will be arranged for two and three room suites with private baths and wall beds. Interior finish will be of pine with elm panels and hardwood floors. There will be steam heat. Bath rooms will be finished in cement plaster. Exteriors will be covered with Klinker brick veneer and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

WAREHOUSES—2, 1 story and base, brick and steel, \$65,000 and \$150,000. San Francisco. Architect, none. Owners, United States Steel Products Co., Rialto Bldg., S. F. These two buildings are to be erected at the foot of 20th street. A contract for the foundation work has already been let to the Thompson Bridge Co. and the balance of the work will be done by Day Labor under the direction of the owners. One building will cover an area of 162x240 feet and the other an area of 300x350 feet. The smaller structure will be entirely of brick while the larger will have a complete steel frame. Exteriors will be faced with stock brick. Work is now underway.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, Arthur T. Ehrenpfort, 251 Kearny St., S. F. Owner's name withheld. The building will be erected at the northeast corner of Cole and Rivoli streets and has been designed to contain five suites of four rooms and

bath each. Interior finish will be of pine with some elm panels and hardwood floors. A steam heating system will be installed. Bath rooms will be finished in cement plaster. All apartments will be equipped with wall beds. Exterior of the building will be covered with rustic and cement plaster on metal lath. Plans have been completed and the architect is now taking figures on the work.

APARTMENT HOUSE—5 story and base. Class C construction, \$125,000. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The building is to be erected in the Fifty Vara District and will cover a large area. Plans are arranged for 125 suites and single rooms, all of which will have private baths. There will be steam heat, elevator service, a hot water system and vacuum cleaning plant. Interior finish will be of pine and hardwood with ornamental plaster used in the lobby and amusement rooms. Bath rooms will have cement floors and tile wainscot. Exterior of the building will be faced with pressed brick and terra cotta. Plans are being prepared.

POLICE STATION—2 story and base, brick and stone. Cost not stated. San Francisco. Architect, Architectural Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for the construction of the Harbor Police Station have been approved and are now out for figures. The building will contain captain's office, general office, cell block and retiring room for the patrolmen. There will be a central heating system and modern plumbing. Interior will be finished in pine and hardwood. The exterior of the building will be faced with pressed brick and stone. Plans can be secured from the Department of Architecture. Bids will be opened on June 18th by the Board of Public Works.

FLATS—2 story and base, frame, \$4,000. San Francisco. Architect, none. Owner, Mrs. Anna P. Marsh, 418 Raymond Apartments, Franklin and Market streets, S. F. The building will be erected on 8th avenue south of Cabrillo, and will contain two modern flats of four and five rooms each. Interior will be finished in pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be either open fire places or gas grates. Mantels will be of tile. Tile will be used in the bath rooms and kitchens. Exterior of the house will be covered with shiplap and rustic with Klinker brick veneer. Plans are complete and the work will be done by Day Labor.

LODGE HALL—3 story and base. Class A and Class C construction, \$180,000. San Francisco. Architect, Will D. Shea, 241 Kearny St., S. F. Owners, Young Men's Institute. This building has been mentioned here a number of times before. A contract for the excavating has been awarded to Daniel O'Day & Co., and plans for the balance of the work are now out for figures. The building is classic in design and will be of the class A type in nearly all parts. The first floor contains a

large library, offices, reading rooms, etc. A large gymnasium will occupy the basement. Upper floors will be arranged for lodge halls, banquet rooms and ball room. Interior will be handsomely finished in hardwoods and ornamental plaster. Exterior will be faced with granite and terra cotta. There will be steam heat, elevator service, a vacuum cleaning system and all other modern conveniences.

HOTEL—3 story and base. Class C construction. Cost not stated. San Francisco. Architect, Arthur T. Ehrenpfort, 251 Kearny St., S. F. Owner's name withheld. The building will be erected on Larkin street near the Civic Center. The first floor will be arranged for three stores and upper floors will be subdivided into 45 guest rooms and a number of bath rooms. Plans provide for steam heat, elevator service and a hot water plant. Interior finish will be of pine and hardwood. Bath rooms will have cement floors and tile wainscot. The exterior of the building will be faced with cement plaster or pressed brick. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, James Welsh. The dwelling has been designed for a seven-room house with bath, and will be erected on 11th avenue near Anza street. Interior will be finished in pine and elm. Hardwood floors will be used in the living room, dining room and reception hall. There will be a large open fire place in the living room with a brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with brick veneer to the water table and with cement plaster and rustic above that point. Plans are complete and the work will be done by Day Labor.

RESIDENCES—3, 2 story and base, frame. Cost not stated. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, Oscar Heyman Bros. These houses have been designed for seven and eight room dwellings, and will be erected on 24th avenue near Lincoln Way. Interior finish will be of pine with some elm panels and hardwood floors. There will be furnace heat and open fire places. Mantels will be of brick and tile. Tile will be used in the bath rooms and kitchens. Automatic water heaters will be installed in the eight-room houses. Exteriors will be covered with cement plaster on metal lath, brick veneer, shingles and rustic. Plans are being prepared and when complete the work will be done by Day Labor.

PALACE OF MINES—Frame construction, \$217,000. San Francisco. Architect, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids for the construction of the Palace of Mines were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Co. on Thursday. Bids were also opened at the same time for the plumbing, sewers, and water pipes in the same building. Streslow, Freeze & Peterson were low at \$217,997 for the general construction, and Robert Danziel, Jr., Co. were low on the plumbing at \$13,847. No contracts were awarded. A complete list of the bids appears under San Francisco in this issue.

SCHOOL—2 story and base, brick and steel. Cost not stated. San Francisco.

Architect, Architectural Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Plans for the Columbus School, which is to be erected on the block bounded by 12th and 13th avenues, Kirkham and Lawton streets, have been completed and are now out for figures. The building has been designed for a twelve-room school, but only six of the rooms will be constructed at this time. Interior will be finished in pine and maple. There will be a complete steel frame with brick erected walls faced with pressed brick. The plans provide for a steam heating system and vacuum cleaning plant. Bids will be opened by the Board of Public Works on June 18th. Plans can be secured from the Department of Architecture.

RESIDENCE—2 story and base, frame, Cost not stated. San Francisco. Architect, O. R. Thayer, Merchants' National Bank Bldg., S. F. Owner's name withheld. The dwelling will be erected on the Great Highway near the wireless station, and has been designed for a ten-room house with baths and sleeping porches. Interior will be finished in pine, oak and mahogany. There will be furnace heat and open fire places. Mantels will be of brick and tile. The bath rooms will be finished in tile. Tile will also be used in the kitchen. Hardwood floors will be used in the principal rooms. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

RESIDENCES—2, 2 story and base, frame. Cost not stated. San Francisco. Architect, Joseph Cahen, 45 Kearny St., S. F. Owners, Oscar Heyman Bros. These two houses will be erected on 23rd avenue near Lincoln Way, and each will contain seven rooms and bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the living rooms, dining rooms and reception halls. There will be large open fire places in the living rooms with brick mantels. Tile will be used in the baths and kitchens. Exteriors will be covered with cement plaster, rustic and shingles. Plans are being prepared and when complete the work will be done by Day Labor.

STORES AND LOFTS—5 story and base, reinforced concrete, \$35,000. San Francisco. Architect, Charles J. Rousseau, Phelan Bldg., S. F. Owners, California Poultry Co. This building has been mentioned here before when plans were first started. The building will be erected in the heart of the wholesale district, and has been designed for a large market on the first floor and storage and packing rooms above. The basement will contain a complete cooling system for the building. A large amount of tile will be used. Plans provide for elevator service and steam heat. Metal window sash and frames will be used. Exterior of the building will be faced with cement plaster. Plans have been out for figures and a contract will be awarded within a few days.

STORES AND BILLIARD HALL—2 story and base, frame. Cost not stated. San Francisco. Architects, J. E. Kraft & Sons, Phelan Bldg., S. F. Owner's name withheld. The building will be erected on Polk street at the corner of Austin avenue and will cover an area of 69x70 feet. A market and grocery

store will occupy the first floor. Upper floor will be fitted up for a large billiard and pool hall. Interior finish will be of pine. Tile and marble will be used in the stores. Patent store fronts are specified. Exterior of the building will be covered with cement plaster and shiplap. Plans are complete and figures are being taken.

VISITING ARCHITECTS HAVE BUSY SESSION.

Delegates to the third annual convention of the Pacific Coast Architectural League received a warm welcome by Portland architects. After a meeting at the club rooms at 9:30 o'clock last Tuesday morning, the party of some fifty visitors were driven to Chanticleer, overlooking the Columbia, in automobiles, lunched at the Automobile Club, attended a base ball game at the Waverly Golf Club at 2 o'clock in the afternoon and were brought back to Portland for the big electric parade.

Professor Warren Perry, an instructor in the school of architecture of the University of California, was the principal speaker of the day. He opened the discussion in the club rooms on "Architectural Education," in which he advocated the broadening of the work of the ateliers to resemble a college course. He also proposed that some of the Beaux Arts Society problems be worked out here and judged in Portland, instead of being sent to San Francisco. There are fifty students enrolled in the school of architecture at Berkeley, where the largest organization of the kind in the west is located. Wednesday morning at 10 o'clock David J. Meyers of Seattle delivered an address on the "Economy of League Control Under One Management of Coast Exhibits and Catalogues." There was a discussion of the subject following the presentation of the paper. At 12 o'clock the architects were guests of the Ad Club.

Figures Are Opened On Palace Of Mines.

**Streshlow-Freeze & Peterson Low on
General Construction and Robert
Dalziel Jr. on Plumbing.**

Bids for the construction of the Palace of Mines were opened by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company on Thursday. Bids were also opened at the same time for the plumbing, sewers and water pipes in the same building. Streshlow-Freeze & Peterson were low at \$217,997 for the general construction and Robert Dalziel Jr. Co. were low on the plumbing at \$13,847. No contracts were awarded. A complete list of the bids follows:

General Construction, Palace of Mines.

M. Fisher	\$280,796
Lange & Bergstrom	224,960
Connary-Peterson Co.	233,950
J. Monk	232,000
Streshlow, Freeze & Peterson ..	217,997
F. B. & L. F. Fisher	262,368
McLaren & Peterson	240,000

Plumbing, Palace of Mines.

John G. Sutton	\$15,975
Burnham Plumbing Co.	16,190

Robert Dalziel Jr.	13,847
Fred W. Snook Co.	15,998
Peterson-James Co.	17,294
Wittman Lyman Co.	15,371
The Turner Co.	14,660
Kiernan & O'Brien	15,706

Foundation Work For Auditorium.

**New Bids Opened For Excavating and
Foundation Work For Exposition
Auditorium, Lindgren Co. Low.**

Bids for the construction of the concrete and cement work and for the excavating for the foundation work at the Exposition Auditorium, which is to be erected in the Civic Center, were opened on Tuesday morning by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company. Lindgren Company submitted the lowest figure for the entire work including excavation, concrete and cement work at \$73,500. No contracts have been awarded. The following is a complete list of all bids opened. Bids were taken for (1) for the excavating, constructing concrete and cement work and (2) for the excavating and grading.

Lindgren Co. (1) \$73,500; (2) —.	
Contra Costa Constr. Co. (1) \$93,913; (2) \$33,000.	
State Constr. Co., (1) \$91,895; (2) \$34,000.	
Connary-Peterson Co (1) \$98,615; (2) —.	
Carnahan, Mulford (1) \$81,590; (2) \$25,800.	
Foster, Vogt Co. (1) \$76,787; (2) \$31,000.	
Sound Constr. & Eng. Co. (1) \$80,779; (2) \$31,425.	
Frank M. Garden Co. (1) \$76,165; (2) \$30,000.	
Clinton Fireproofing Co. (1) \$76,750; (2) \$25,800.	
Chas. Wright (1) \$74,872; (2) —.	
Central California Constr. Co. (1) \$107,000; (2) \$34,000.	
F. W. McClenahan & Co. (1) \$78,777; (2) \$25,600.	
Healy Tibbitts Constr. Co. (1) \$95,000; (2) \$34,000.	

City Bids Opened.

**Bids For Structural Steel of the City
Hall Opened and Show U. S. Steel
Products Low Men.**

Five firms submitted figures for the structural steel work on the City Hall to the Board of Public Works at the Wednesday afternoon meeting. The lowest general offer was made by the United States Steel Products Co. on proposition No. 1 for \$476,283 less \$118,342 if the city and county pays the freight. In any case the freight charges will probably be paid by the city as their facilities for handling the steel after its arrival and rates which municipalities can secure from the railroads will effect a saving of more than the amount allowed by the bidders. The following is a complete list of the bids submitted:

City Hall Steel.

Phoenix Iron Works, Prop. No. 1,	\$545,000, less \$121,000 if city pays the freight.
Prop. No. 2, \$530,000.	Prop.

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No. 3, \$520,000.

Union Iron Works, Prop. No. 3, \$571-750.50.

United States Steel Products Co., Prop. No. 1, \$476,283, less \$118,342 for freight.

Pacific Rolling Mills, Prop. No. 3, \$532,000.

Dyer Bros., Prop. No. 3, \$585,099.

The only difference between propositions Nos. 1, 2 and 3 is a difference in the time for completing the contract.

The Board of Public Works also opened bids at yesterday's session for the painting of the San Francisco Hospital group as follows:

Painting San Francisco Hospital.	
Max Cohn	\$29,200
G. Orsi	32,200
Olney & Palmer	24,900
Meyer & Walk	34,400
Isador Kissel	38,753
Harry Ankers	38,500
Grant Fee	45,000
D. Zelinsky	25,500
V. J. Donovan	29,575
W. Bernstein	44,750

Unit bids for cleaning brick on the old City Hall site were also received from Williams & Finnigan, Daniel O'Day Co., E. M. Huie & Co., H. M. Scarritt and Contra Costa Constr. Co. Williams & Finnigan were low men at approximately \$30,000.

Building Contracts.

San Francisco.

No.	Owner.	Contractor	Amt.
2143	Motzer	Harcom	500
2144	Echeverria	Bohnenberg	500
2145	Fontanier	Narbehury	1075
2146	Rose	Moise	400
2147	Schlessinger	Mealey	400
2148	Mooser	Peterson	700
2149	Yngve	Yngve	500
2150	Sylvia	Sylvia	1250
2151	Koenigsthal	Hanson	2750
2152	Seely	Seely	6000
2153	W'n Pac	Sundberg	6871
2154	Bush	Montgomery	1400
2155	Crowley	McCabe	1500
2156	Rom Cath Arch.	Brusen	1500
2157	Lewy	Tarbutt	2150
2158	Peters	Forbes	2530
2159	Cuneo	Ferone	4500
2160	Gump	Zelinsky	1150
2161	Irvine	Irvine	500
2162	Campbell	Britton	400
2163	Ensign	Levi	450
2164	Bale	Bale	1000
2165	Thomson	Mullerick	400
2166	Fischel	Fischel	1400
2167	Wyllie	Wyllie	500
2168	Metro. Invt	Owner	16000
2169	Boehner	Hanson	3000
2170	Hinkelman	Britt	10866
2171	Phelan	Hock	13450
2172	Hehsch	Stern	1700
2173	Woodworth	Schell	6250
2174	Galway	McCausland	1600
2175	Marilli	Marilli	1200
2176	Terry	Terry	3500
2177	Anderson	Andrew	2000
2178	Zeland	Wilson	2000
2179	Banning	Stewart	2000
2180	Studeaker	Andrus	400
2181	Wells	Wells	6000
2182	Payne	Payne	5000
2183	Varni	Varni	500
2184	Knorp	Knorp	500
2185	Brarg	Brarg	400
2186	Morris	Todhunter	400
2187	Warden	Warden	2000
2188	Rudee	Spargo	4400
2189	Cornwall	Sutton	1730
2190	Drexler	Macdonald	60000
2191	Pedersen	Nelson	2615
2192	Prior Estate	Wilson	7000
2193	Same	Petersen	16600
2194	City & Co S F	Brandt	9815
2195	U S Steel	Thompson	150000
2196	S F Steel	Thompson	65000
2197	Welsh	Welsh	3000
2198	Lilienthal	Pearson	400
2199	Sabedra	Sabedra	650
2200	Hobro	Hobro	500
2201	Leunon	Pac Ext	6000
2202	Janssen	Diestal	2125
2203	City Elec	Bluxome	7742

2204	Pettersen	Bergren	6400
2205	Kayse	Rogers	2550
2206	Lyons	Woodbridge	5000
2207	Dierks	Peterson	9000
2208	Same	Krist	1195
2209	Wiegman	Benke	2350
2210	San Christina	Mangrum	1844
2211	Same	Butte	1985
2212	Same	Stranahan	1375
2213	Same	Otis	2650
2214	Same	Mooney	4257
2215	Woodside	Woodside	1000
2216	Same	Same	1000
2217	Hewitt	Hewitt	2900
2218	Holmes	Holmes	5000
2219	Hewitt	Hewitt	2200
2220	MacRae	MacRae	1000
2221	McColgan	McColgan	450
2222	Smith	Atlas Heating	500
2223	Welle	Carson	1725
2224	Wells Fargo	Day	9250
2225	Bottini	Perasso	2500
2226	P I Exp	Sutton	17384
2227	Same	Healy	500
2228	Same	Same	210326
2229	Pomme	Reite	10214
2230	Peterson	Peterson	500
2231	Oliver	Rednall	4031
2232	Whittell	Burche	400
2233	Cosce	Cosce	3400
2234	Warner	Miller	400
2235	Koenig	Koenig	5000
2236	Holbrook	Holbrook	5000
2237	Besozzi	Lousero	450
2238	Koenig	Koenig	5000
2239	Same	Same	5000
2240	Same	Same	5000
2241	Castro	Batters	400
2242	Teida	Teida	400
2243	Abbott	Abbott	1650
2244	Castague	Mettler	3315
2245	Moore Invt	Parrell	8754
2246	Slemon	McCausland	5200

(Correction in Location)

(2061) W NOE 155 S 30th. All work for one-story frame cottage.

Owner.....Alfred B. and Annie E. Nagel, 16th nr Church, S. F.
 Architect.....Agent Jacob F. Nielsen.
 Contractor.....Jacob F. Nielsen, 2350 Bryant, San Francisco.

Filed June 3, '13. Dated June 2, '13.
 Rough frame up..... 3/4
 Rough plaster on..... 3/4
 Completed and accepted..... 3/4
 Usual 35 days..... 3/4
 TOTAL COST, \$1850
 Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

(2143) NO. 225 CLEMENT. Alter front
 Owner.....G. Motzer, Premises.
 Architect.....None.
 Contractor.....J. J. Harcom, 3640 Geary, San Francisco.

COST, \$500

(2144) NO. 1651 JERROLD AVE. Raise and repair dwelling.
 Owner.....Mrs. R. E. Echeverria, 1651 Jerrold Ave., S. F.
 Architect.....None.

Contractor.....Fred Bohnenberg, 1628 Palou Ave., San Francisco.
 COST, \$500

(2145) S SPRINGDALE opp. Rotteck. One-story and basement frame dwlg.
 Owner.....Louis Fontanier, 659 Lisbon, San Francisco.

Architect.....None.
 Contractor.....J. Marbebury, 131 Holly, San Francisco.

COST, \$1075

(2146) NO. 85 FOURTH. Electric sign
 Owner.....P. E. Rose, Premises.
 Architect.....None.
 Contractor.....Moise-Klinkner, 1212 Market, San Francisco.

COST, \$400

(2147) SW PINE AND ST. ANNE PL. Underpin wall.

Owner.....Bert Schlessinger, Mutual Savings Bank Bldg., S. F.
 Architect.....Alfred H. Jacobs, French Bank Bldg., S. F.

Contractor.....Mealey & Collins, 180 Jessie, San Francisco.

COST, \$400

(2148) NO. 2944 SCOTT. Raise roof and add two rooms.

Owner.....Celia Mooser.
 Architect.....Wm. Mooser.
 Contractor.....Peterson & Persson, Lick Bldg., San Francisco.

COST, \$700

(2149) NO. 133 ALPINE. Plaster front and cement basement.

Owner.....Karl Yngve, Premises.
 Architect.....None.
 Day's work.

COST, \$500

(2150) E THIRTY-EIGHTH AVE 300 N Anza. One-story and basement frame dwelling.

Owner.....A. M. Sylvia, 358 27th Ave., San Francisco.
 Architect.....None.

Contractor.....A. M. Sylvia, 358 27th Ave., San Francisco.
 COST, \$1250

(2151) W DELANO 225 S San Juan. One-story and basement frame dwlg.

Owner.....Hanson & Koenigsthal, 156 Delano, San Francisco.
 Architect.....None.

Contractor.....R. Hanson, 155 Delano, San Francisco.
 COST, \$2750

(2152) E POWELL 71-6 N Sacramento. Three-story and basement brick residence.

Owner.....Mary E. Seely, 2306 Geary, San Francisco.
 Architect.....None.

COST, \$6000

(2153) ON SW PTN SEAWALL LOT 22, said Lot being bounded by East Fremont, Brannan and First streets.

Grading, paving and curbing.
 Owner.....Western Pacific Railway Co., Mills Bldg., S. F.

Architect.....None.
 Contractor.....E. H. Sundberg.

Filed June 9, '13. Dated May 9, '13.
 On completion..... 75%
 Usual 35 days..... 25%
 Paving 7 1/2 per sq. ft.; curbing 25c per lineal foot.

Bond, \$900. Surety, National Surety Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2154) NE VALLEJO AND HYDE W 24x6 60. All work for three-story frame apartments.

Owner.....W. K. Bush, 1736 Bush, San Francisco.

Architect.....Rousseau & Rousseau, Monadnock Bldg., S. F.
 Contractor.....E. J. Montgomery, 1318 Broadway, San Francisco.

Filed June 9, '13. Dated June 6, '13.
 Frame up and roof on..... \$1717.75
 Brown coated..... 1717.75
 Completed and accepted..... 1717.75
 Usual 35 days..... 1717.75
 TOTAL COST, \$6871.00

Bond, \$3436. Sureties, Jno. Brickwedel and Chas. Schlessinger. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(2155) SE BUSH AND CHELSEA Place. Exterior plaster for bldg.

Owner.....Dr. Crowley, 665 Fillmore, S. F. by M. Klernan
 Architect.....None.

Contractor.....McCabe & Brown, 521 1st Nat'l Bank Bldg., S. F.

Filed June 9, '13. Dated May 7, '13.

No payments given.....
TOTAL COST, \$1400
Bond, limit, forfeit, none. Plans and specifications, none.

(2156) NE BERLIN AND WAYLAND
N 150 E 120 S 50 W 39 S 100 W 81.
Carpenter, mill, lath, plaster, tin,
galvanized iron, roofing, glazing, con-
crete, grading, etc., for church bldg.
Owner.....The Roman Catholic Arch-
bishop of S. F.
Architect...Jno. J. Foley, 46 Kearny,
San Francisco.

Contractor...Michael Brueck, 600 Char-
ter Oak, San Francisco.

Filed June 9, '13. Dated May 31, '13.
1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$5775

Bond, \$2850. Sureties, A. P. Bonneau
and R. A. Hiscoc. Limit, 120 days.
Forfeit, none. Plans and specifications
filed.

(2157) E TWENTY-NINTH AVE 235
N "A." All work for one and one-
half-story frame residence.
Owner.....Jos. B. and Fannie Levy.
Architect...Jno. F. Haner, 3579 19th,
San Francisco.

Contractor...Jas. Tarbett, 370 3rd Ave.;
and Fred Knott, 2332 Cle-
ment, San Francisco.

Filed June 9, '13. Dated June 4, '13.
Frame up and roof rafters in.....\$537.50
Brown coated and rough plumb-
ing in 537.50
Completed and accepted..... 537.50
Usual 35 days..... 537.50
TOTAL COST, \$2150.00

Bond, \$1075. Surety, Leo. W. H. Hardy.
Limit, 45 days after June 9. Forfeit,
\$. Plans and specifications, none.

(2158) NO. 2715 SCOTT on W Scott 55
S Green S 37-6xW 110. Finish of oak
walnoot, beams, doors, frames,
French sash, frames in hall and din-
ing room and stairway without paint-
ing for alterations and additions to
building.

Owner.....J. F. Peters, Premises.
Architect...John R. Hamilton, Kohl
Bldg., San Francisco.
Contractor...A. J. Forbes & Son, 1530
Filbert, San Francisco.

Filed June 9, '13. Dated June 6, '13.
Completed and accepted.....\$1897.50
Usual 35 days..... 632.50
TOTAL COST, \$2530.00

Bond, \$632.50. Surety, The Aetna Ac-
cident & Liability Co. Limit, 20 days.
Forfeit, \$. Plans and specifications
filed.

(2159) S CHESTNUT 62 E Taylor rear
of Nicola Cuneo's Lot. Foundations,
cement work, carpenter, plumbing,
plastering, tinning, roof for two-story
and basement frame (2 flats).
Owner.....Nicola Cuneo.

Architect...Paul Demartini, 451 Colum-
bus Ave., San Francisco.
Contractor...G. Ferrone & Son, 3045
Octavia, San Francisco.

Filed June 9, '13. Dated May 8, '13.
Frame up and roof on.....\$1125
Rough coat plaster on..... 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, \$4500

Bond, none. Limit, 80 days from May
22. Forfeit, none. Plans and specifi-
cations, none.

NOTE: First report May 29th. No. 1893.

(2160) NO. 244 POST. Painting,
papering, cleaning up, etc., for alter-
ations and additions to loft bldg.
Owner.....S. & G. Gump Co., 268 Post
San Francisco.

Architect...Milton Lichtenstein, 111
Ellis, San Francisco.
Contractor...D. Zelinsky, 564 Eddy,
San Francisco.

Filed June 9, '13. Dated June 5, '13.
When wood work received.....\$430
Completed and accepted..... 430
Usual 35 days..... 290
TOTAL COST, \$1150

Bond, limit, forfeit, none. Plans and
specifications filed.

(2161) NO. 2932 DIAMOND. One-story
and basement frame dwelling.
Owner.....W. Irvine, Premises.
Architect...None.
Day's work. COST, \$500

(2162) NO. 1383 FORTY-SEVENTH
Ave. Repair and alter residence.
Owner.....A. C. Campbell, 4310 Judah,
San Francisco.
Architect...None.
Contractor...W. L. Britton, 1414 44th
Ave., San Francisco.
COST, \$400

(2163) SW EMBARCADERO AND
Market. Alter front.
Owner.....The Ensign Saloon, Prem.
Architect...None.
Contractor...The S. Levi Fixture Shop,
446 6th, San Francisco.
COST, \$450

(2164) NO. 277 CHENERY. Extend
alter and repair residence.
Owner.....D. W. Bale, Premises.
Architect...None.
Day's work. COST, \$1000

(2165) NO. 356 THIRD. Repair fire
damage.
Owner.....Mr. Thomson, 19th and
Howard, San Francisco.
Architect...None.
Contractor...John Mullerick, 71 Pierce,
S. F.
COST, \$400

(2166) W FORTY-FOURTH AVE 125
S Lawton. One and one-half-story
and basement frame dwelling.
Owner.....S. Fischel, 1630 Lawton,
San Francisco.
Architect...None.
Day's work. COST, \$1400

(2167) NO. 123 STILLMAN. Repair
and alter residence.
Owner.....John Wyllie, 310 Rich, San
Francisco.
Architect...None.
Day's work. COST, \$500

(2168) W HYDE 30 N Sacramento.
Three-story and basement frame (6)
flats.
Owner.....Metropolis Investment Co.,
332 Bush, San Francisco.
Architect...Albert Farr, 68 Post, S. F.
Day's work. COST, \$16,000

(2169) W NINETEENTH AVE 255 N
Balboa. Two-story and basement
frame residence.
Owner.....J. W. Hansen, 137 Beulah,
San Francisco.
Architect...None.
Day's work. COST, \$3000

(2170) E EIGHTH 165 S Howard 30x
137-6. All work except painting and
roofing for three-story and basement
frame building (store and rooms).

Owner.....A. Hinkelmann, 499 Hayes,
San Francisco.
Architect...J. C. Hladik, Mondanock
Bldg., San Francisco.
Contractor...O. W. Britt, 330 Ivy Ave.,
San Francisco.

Filed June 10, '13. Dated June 9, '13.
Frame up\$2716.50
Brown coated 2716.50
Completed and accepted..... 2716.50
Usual 35 days..... 2716.50

TOTAL COST, \$10,866.00
Bond, none. Limit, 75 days. Forfeit,
\$10. Plans and specifications filed.

(2171) W FOURTH AND JESSIE NW
75xSW 75. Brick work, including
face brick work and backing and
bonding of same for eight-story and
basement steel frame Class "C" bldg.
Owner.....Mary L. Phelan.
Architect...Wm. Curlett & Son, Phelan
Bldg., San Francisco.
Contractor...Chas H. Hock, 1733 Fell,
San Francisco.

Filed June 10, '13. Dated June 2, '13.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$13,450

Bond, \$6725. Surety, United States Fi-
delity & Guaranty Co. Limit, none.
Forfeit, none. Plans and specifications
filed.

(2172) NW TAYLOR AND POST W 60
xN 30. Painting, varnish enameling,
etc., for eight-story Class "C" steel
frame building.
Owner.....B. Hersch & B. Heskins,
1363 Fillmore, S. F.
Architect...Philipp Schwerdt Co., Phel-
an Bldg., San Francisco.
Contractor...C. R. Stern.

Filed June 10, '13. Dated June 5, '13.
75% weekly as work progresses.
Usual 35 days..... 25%
TOTAL COST, \$1700

Bond, \$850. Sureties, Bass Hueter Paint
Co. Limit, 30 days after 3 upper floors
ready for wood finishing. Forfeit, none
Plans and specifications filed.

(2173) SE MARKET 100 SE Second
SW 25xSE 91-6. All work for one-
story and basement brick store bldg.
Owner.....Lewina W. Martinez, Car-
rie W. Woodworth and
Mollie W. Kruse.
Engineer...Woodworth, Wethered, 143
2nd, San Francisco.
Contractor...Heckenroth & Schell, 110
Jessie, San Francisco.

Filed June 10, '13. Dated June 9, '13.
1st floor joists in.....\$1562.50
Roof on 1562.50
Completed and accepted..... 1562.50
Usual 35 days..... 1562.50
TOTAL COST, \$6250.00

Bond, \$3125. Surety, The Aetna Ac-
cident & Liability Co. Limit, 50 days.
Forfeit, \$. Plans and specifications
filed.

(2174) S MINERVA 300 E Plymouth.
One-story and basement frame dwlg.
Owner.....D. Galway, 69 Minerva,
San Francisco.
Architect...None.
Contractor...McCausland & Rae, 25 Bis-
mark and 69 Minerva, S. F.
COST, \$1600

(2175) NO. 33 BROADWAY. Minor
repairs to stable.
Owner.....Lorenza Marilli, Premises.
Architect...None.
Day's work. COST, \$1200

2176) NO. 2712 BROADWAY. Two-
story addition on rear of residence,

BUILDING AND INDUSTRIAL NEWS

Install window and enlarge entrance.
Owner.....Dr. W. I. Terry, Premises.
ArchitectWm. Knowles, 1301 Hearst
Bldg., San Francisco.
Day's work. COST, \$3500

(2177) S LAWTON 96 E 10th Ave.
One and one-half-story and basement
frame residence.
Owner.....A. V. Anderson, 4223 23rd,
San Francisco.
Architect ...None.
Day's work. COST, \$2000

(2178) NO. 334 CALIFORNIA. Alter
stairs.
Owner.....New Zealand Insurance Co.,
Premises.
Architect ...None.
Contractor...Wren & Rosenberg, 334
California, San Francisco.
COST, \$500

(2179) E CAPISTRANO 265-95 S San
Jose Ave. Two-story and basement
frame residence.
Owner.....R. H. Banning and Jas. E.
Stewart, 107 Delano Ave.,
San Francisco.
Architect ...None.
Day's work. COST, \$2000

(2180) NW FIFTH AND TOWNSEND.
Alter windows and repair floors.
Owner.....Studebaker Co., Fremont
and Mission, S. F.
Architect ...None.
Contractor...R. C. Andrus, Hearst Bldg.
San Francisco.
COST, \$400

(2181) E NINTH AVE 160 S Balboa.
Three-story and basement frame (3)
flats.
Owner.....F. A. Wells, 630 9th Ave.,
San Francisco.
Architect ...None.
Day's work. COST, \$6000

(2182) S WASHINGTON 23-6 E Reed.
Add one room.
Owner.....Clyde S. Payne, 46 Kearny,
San Francisco.
Architect ...W. G. Hind, 46 Kearny,
San Francisco.
Day's work. COST, \$400

(2183) NO. 31 PRESCOTT. Raise and
add to dwelling.
Owner.....M. Varni, Premises.
Architect ...None.
Day's work. COST, \$500

(2184) NOS. 1013-23 ELLIS. Shore up
east side of building.
Owner.....Mary Louise Knorp, 1029
Ellis, San Francisco.
Architect ...None.
Day's work. COST, \$500

(2185) NO. 124 JORDAN AVE. Add
porch and extend floor.
Owner.....J. H. Bragg, Premises.
Architect ...None.
Day's work. COST, \$400

(2186) NO. 508 CABRILLO. Add one
room.
Owner.....Mrs. Adolph Morris, Prem.
Architect ...None.
Contractor...Geo. Todhunter, 446 29th
Ave., San Francisco.
COST, \$400

(2187) E LONDON 250 S Excelsior.
Two-story and basement frame resi-
dence.

Owner.....Fred Warden, 535 Laidley,
San Francisco.
Architect ...None.
Day's work. COST, \$2000

(2188) SW FOURTH 55 NW Polson.
NW 25xSW 80. Concrete work, crib-
bing and grading for four-story and
basement concrete building.
Owner.....J. Rudee, 512 Devisadero,
San Francisco.
Architect ...Jos. Caben, 45 Kearny,
San Francisco.
Contractor...J. Spargo, 926 Presidio
Ave., San Francisco.
Filed June 11, '13. Dated June 9, '13.
Grading completed and 1st floor
joists set\$ 800
Concrete poured to 2nd floor... 600
Concrete poured to 3rd floor... 600
Concrete poured to fire wall... 600
Completed and accepted..... 700
Usual 35 days..... 1100
TOTAL COST, \$4400

Bond, \$200. Surety, Fidelity & De-
posit Co. of Maryland. Limit, none.
Forfeit, none. Plans and specifications
filed.

(2189) S ROSE AVE 110 E Gough E
27-6 S to NW Market SW along
Market to pt. th N to beg. Heating
and oil burning equipment and oil
tank pit for five-story and basement
reinforced concrete building.
Owner.....Bruce Cornwall, Mills Bldg
San Francisco.
Architect ...W. H. Crim, Jr., 425 Kear-
ny, San Francisco.
Contractor...John G. Sutton Co., 243
Natoma, San Francisco.

Filed June 11, '13. Dated June 6, '13.
Piping roughed in and oil
tank installed\$648.75
Completed and accepted..... 648.75
Usual 35 days..... 432.50
TOTAL COST, \$1730.00

Bond, \$900. Surety, Pacific Coast Casu-
alty Co. Limit, 10 days after notified.
Forfeit, \$10. Plans and specifications
filed.

(2190) N WASHINGTON 261-3 1/2 E
Kearny N 112 NE 14 SE 156-3 1/2 W
110-4 1/2. All work for two-story
Class "B" stores and offices.

Owner.....Elise A. Drexler, Kohl
Bldg., San Francisco.
Architect ...Reid Bros., California-Pac-
ific Bldg., San Francisco.

Contractor...Macdonald & Kahn, Rialto
Bldg., San Francisco.

Filed June 11, '13. Dated June 10, '13.
Payments on 7th of each month 75%
Usual 35 days..... 25%
TOTAL COST, \$60,000

Bond, \$30,000. Surety, National Surety
Co. Limit, 6 months. Forfeit, \$20.
Plans and specifications filed.

(2191) W BELVEDERE 25 N Alma N
25xW 99-6. All work for one and one
half-story and basement frame resi-
dence.

Owner.....Rudolf W. Pedersen, 1233
San Bruno Ave., S. F.
Architect ...None.
Contractor...Emil Nelson, 580 Jersey,
San Francisco.

Filed June 11, '13. Dated June 5, '13.
Rough frame up.....\$650
Brown coated 650
Completed and accepted..... 650
Usual 35 days..... 665
TOTAL COST, \$2615

Bond, \$1207.50. Surety, Massachusetts
Bonding & Insurance Co. Limit, 70 days

Forfeit, none. Plans and specifications
filed.

(2192) NW EDDY AND MASON N 55
xW 82-6. Plumbing work for six-
story and basement reinforced con-
crete hotel building.

Owner.....Prior Estate by Macdonald
& Kahn, Rialto Bldg., S. F.
Architect ...Miller & Colmesnil, Lick
Bldg., San Francisco.

Contractor...Wm. F. Wilson Co., 1175
Turk, San Francisco.

Filed June 11, '13. Dated June 7, '13.
On 1st of each month..... 75%
36 days after 25%

TOTAL COST, \$7000
Bond, limit, forfeit, none. Plans and
specifications filed.

(2193) REINFORCED CONCRETE
strip fill, cement finish, except rein-
forcement for same on above.

Contractor...H. L. Petersen, 62 Post,
San Francisco.

Filed June 11, '13. Dated June 6, '13.
Payments same as above.....

TOTAL COST, \$16,600
Bond, \$8300. Surety, The Aetna Acci-
dent & Liability Co. Limit, none. For-
feit, none. Plans and specifications filed

(2194) NE FELL AND FRANKLIN.
Concrete walls, floors, piers, footings,
reinforcement anchor bolts, grouting
of columns, damp proofing, cement
plaster to restore school building
moved from Grove street.

Owner.....City and County of S. F. by
Sound Constr. & Eng. Co.,
Hearst Bldg., S. F.

Architect ...None.
Contractor...Brandt & McGregor.

Filed June 11, '13. Dated June 2, '13.
75% as contractor receives pay-
ment from city 75%

TOTAL COST, \$9875
Bond, limit, forfeit, plans and speci-
fications, none.

(2195) FOOT OF TWENTIETH. One-
story steel frame warehouse.

Owner.....U. S. Steel Products Co.,
Rialto Bldg., S. F.

Architect ...None.
Day's work. COST, \$150,000

NOTE.—Foundation put in by Thomp-
son Bridge Co.

(2196) FOOT OF TWENTIETH. One-
story brick warehouse.

Owner.....U. S. Products Co., Rialto
Bldg., San Francisco.

Architect ...None.
Day's work. COST, \$65,000

NOTE.—Foundation put in by Thomp-
son Bridge Co.

(2197) W ELEVENTH AVE 75 S Anza
Two-story and basement frame resi-
dence.

Owner.....James Welsh, 244 20th Ave.
San Francisco.

Architect ...O. E. Evans, 2132 Mission,
San Francisco.

Day's work. COST, \$3000

(2198) S MINNA 135 W First. Under-
pin shop.

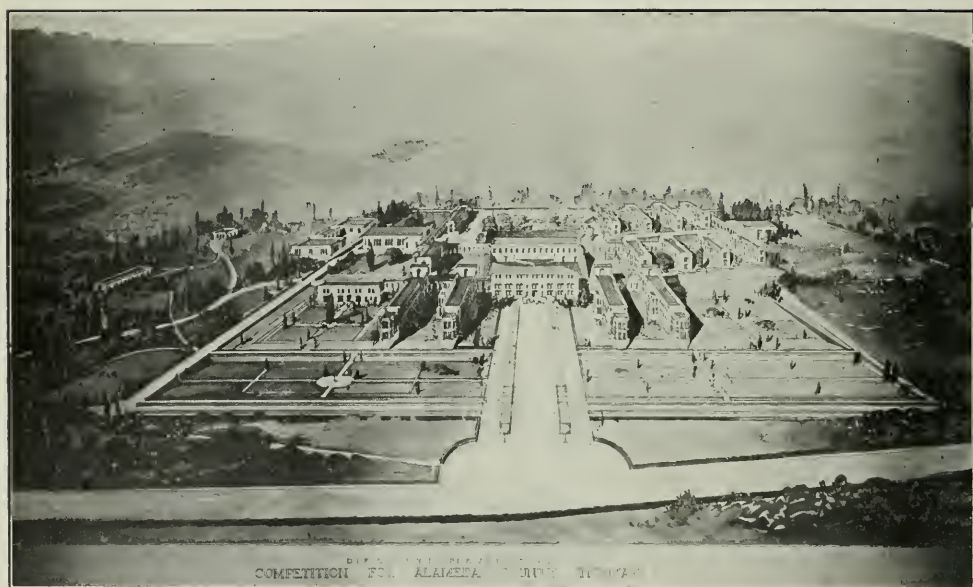
Owner.....E. R. Lillenthal, Alaska-
Commercial Bldg., S. F.

Architect ...Ward & Bohnne, Alaska-
Commercial Bldg., S. F.

Contractor...E. K. Pearson, 2362 Bryant,
San Francisco.

COST, \$400

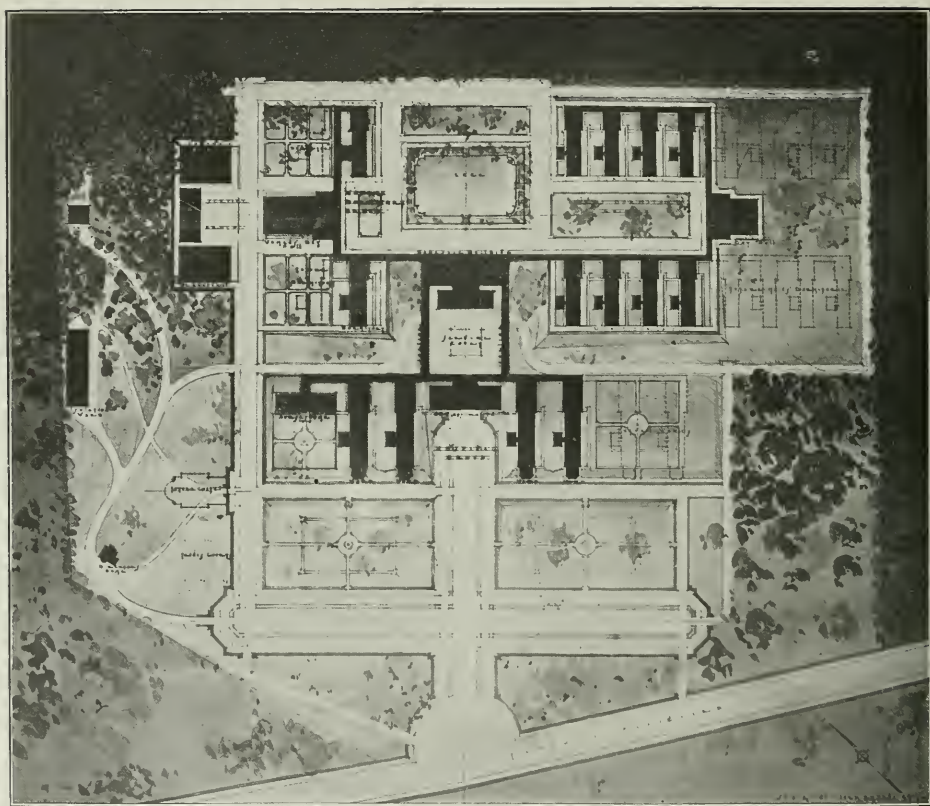
(2199) NW VIENNA 225 NE Excelsior.
One-story and basement frame dwlg.



BIRD'S EYE PERSPECTIVE ACCEPTED DESIGN ALAMEDA COUNTY INFIRMARY.

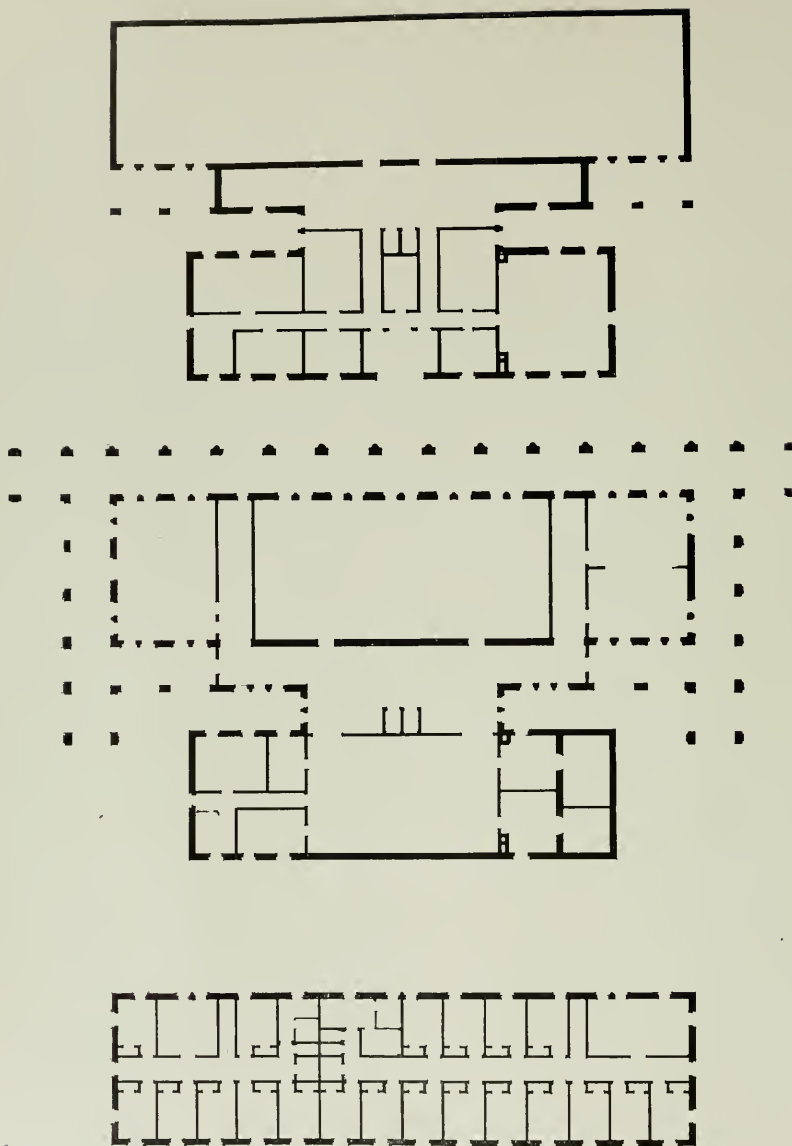
Near San Leandro, Cal.

CHARLES PETER WEEKS—Architect
San Francisco



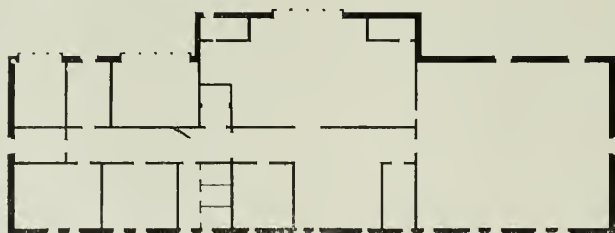
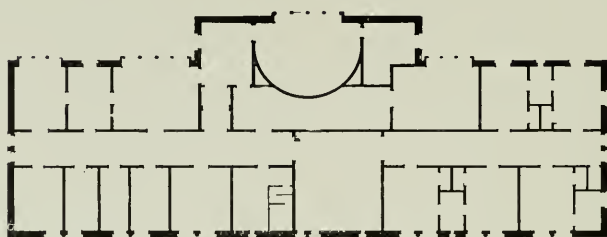
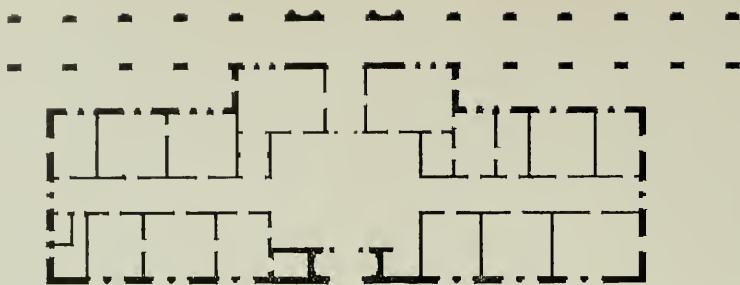
BLOCK PLAN ACCEPTED DESIGN ALAMEDA COUNTY INFIRMARY
Near San Leandro, Cal.

CHARLES PETER WEEKS—Architect
San Francisco

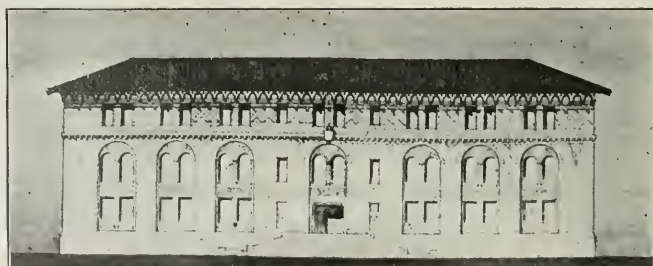


BASEMENT, FIRST AND SECOND FLOOR PLANS, DOMESIC BUILDING,
ALAMEDA COUNTY INFIRMARY

CHARLES PETER WEEKS—Architect
San Francisco

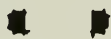


FIRST, SECOND AND THIRD FLOOR PLANS, ADMINISTRATION BUILDING.



FRONT ELEVATION ADMINISTRATION BUILDING

CHARLES PETER WEEKS—Architect
San Francisco

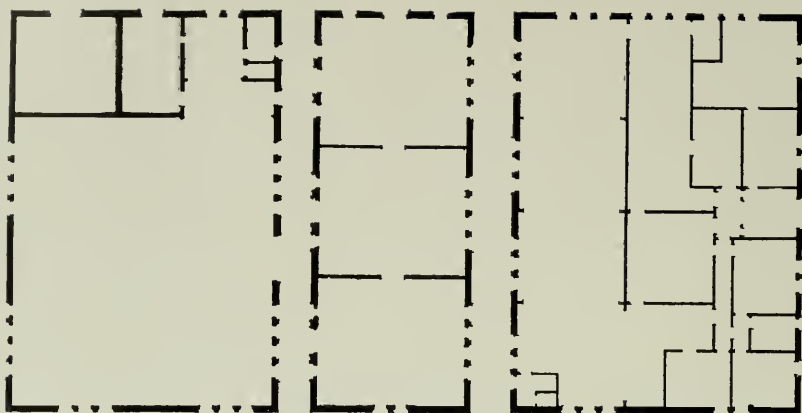


FIRST AND SECOND FLOOR PLANS, NURSES' HOME

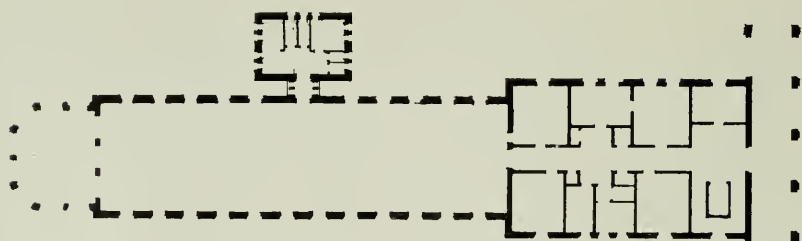


ELEVATION, NURSES' HOME

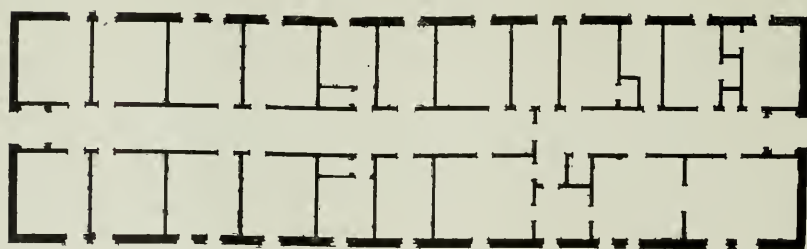
CHARLES PETER WEEKS--Architect
San Francisco



FLOOR PLAN, SERVICE BUILDING

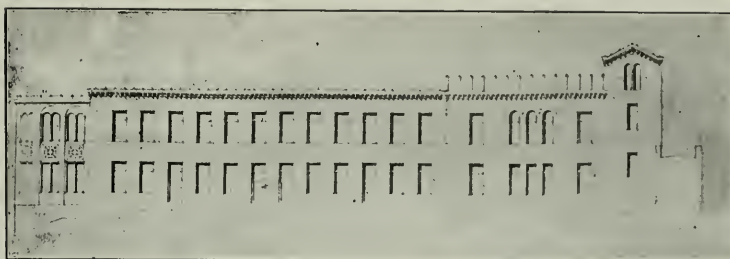


FLOOR PLAN, WARD UNIT



FLOOR PLAN, ISOLATION WARD

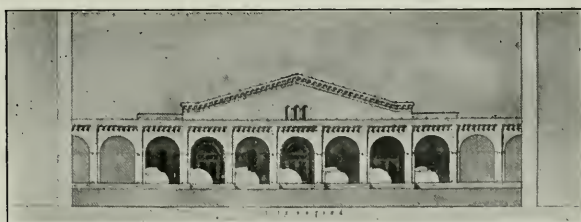
CHARLES PETER WEEKS—Architect
San Francisco



SIDE ELEVATION, WARD UNIT



ELEVATION, DOMESTIC BUILDING

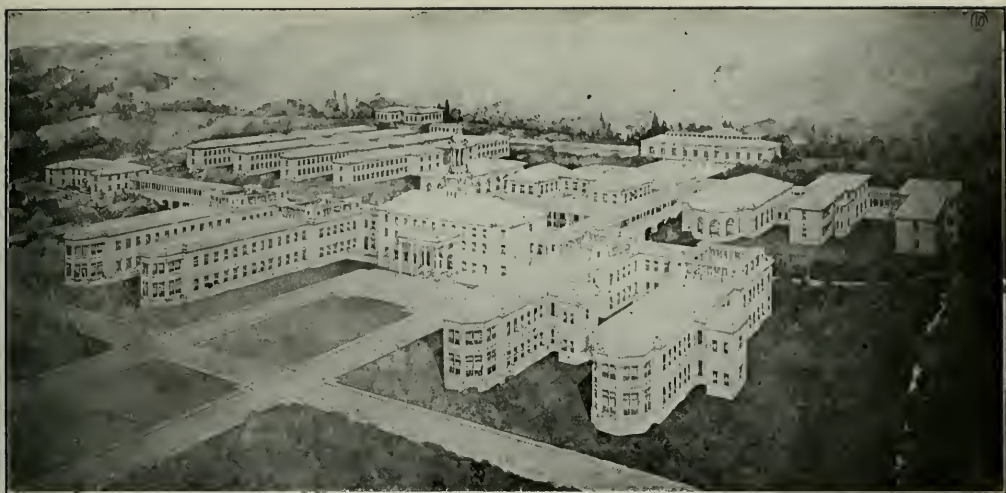


ELEVATION WOMEN'S DAY HALL



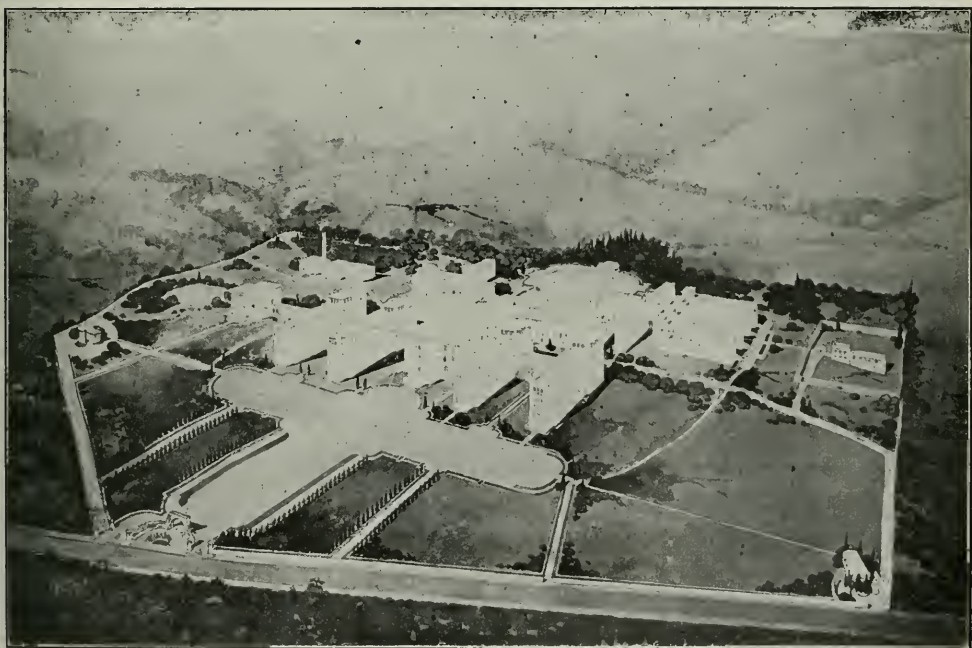
ELEVATION, ISOLATION WARD

CHARLES PETER WEEKS—Architect
San Francisco



DESIGN AWARDED ONE THOUSAND DOLLARS

C. W. DICKEY—Architect
Oakland

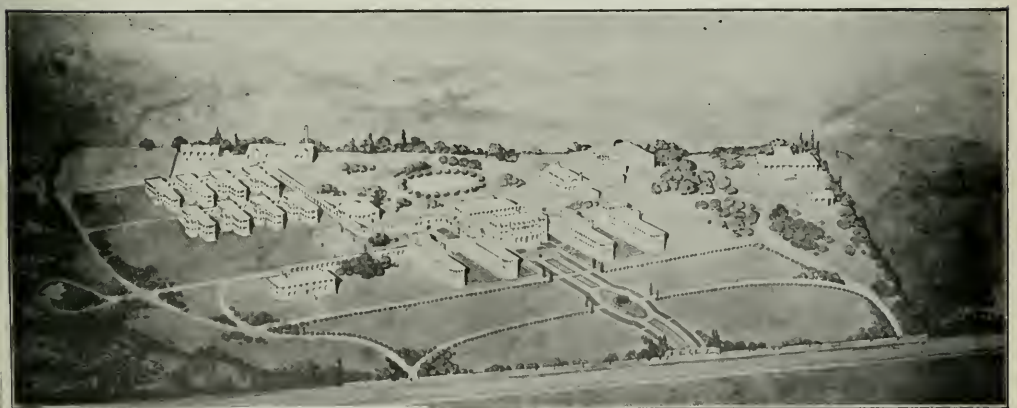


DESIGN AWARDED ONE THOUSAND DOLLARS

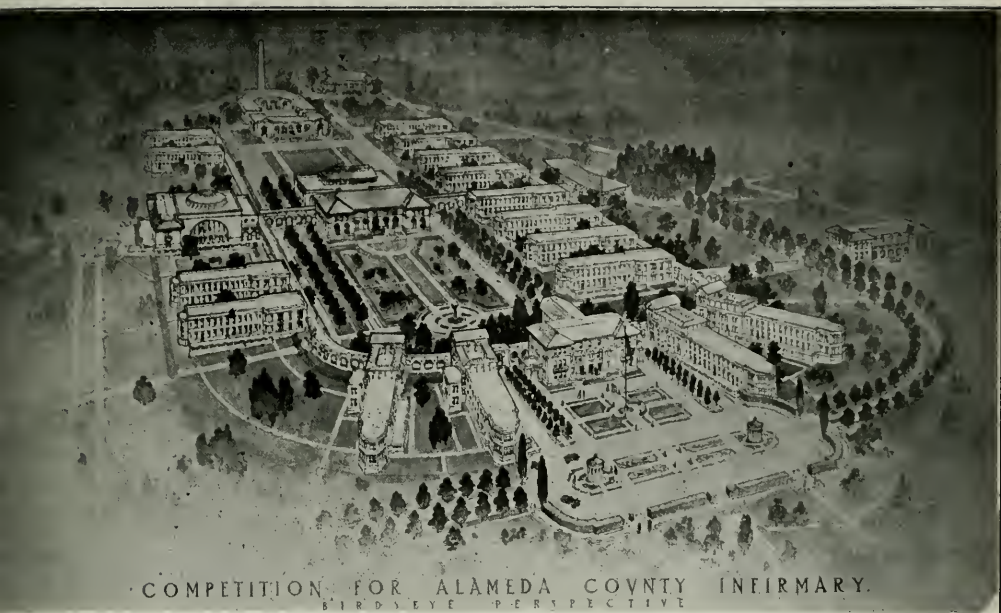
KENNETH MACDONALD, JR.—Architect
San Francisco



DESIGN AWARDED ONE THOUSAND DOLLARS
 ELLIS F. LAWRENCE AND WM.F. HOLFORD— Architects
 Portland

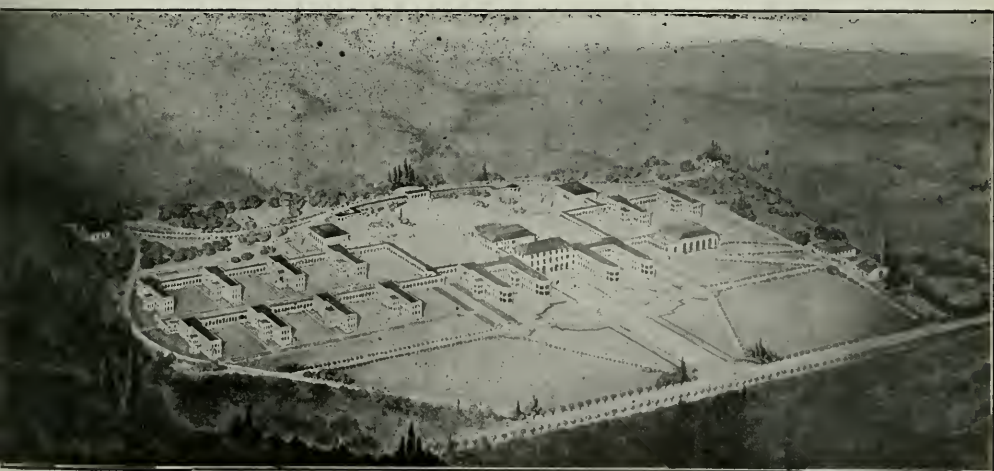


DESIGN AWARDED ONE THOUSAND DOLLARS
 LEO J. DEVLIN—Architect
 San Francisco



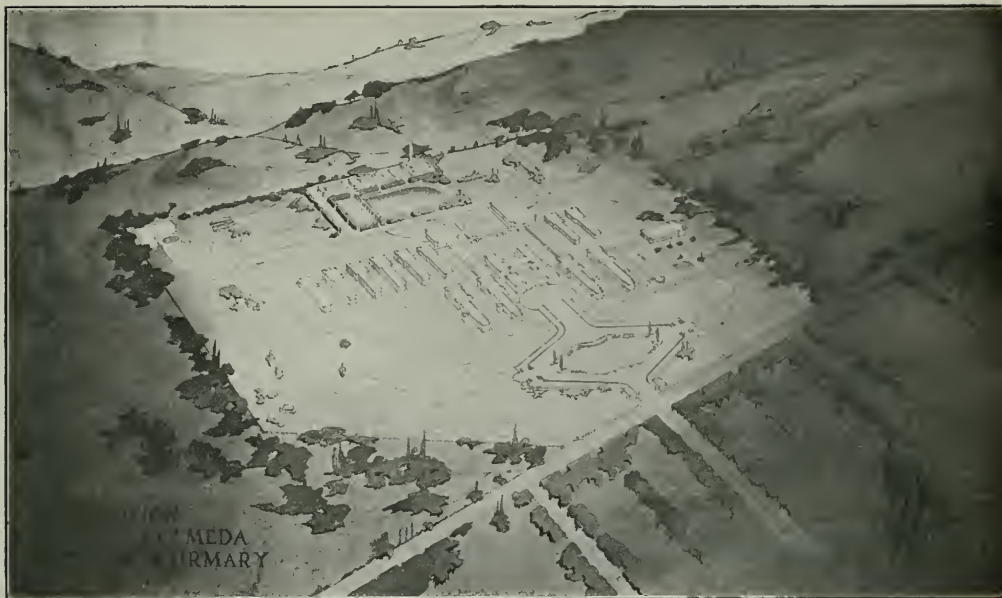
DESIGN AWARDED ONE THOUSAND DOLLARS

A. R. WIDOWSON CO.—Architects
San Francisco



DESIGN AWARDED ONE THOUSAND DOLLARS

O'BRIEN & WERNER—Architects
San Francisco



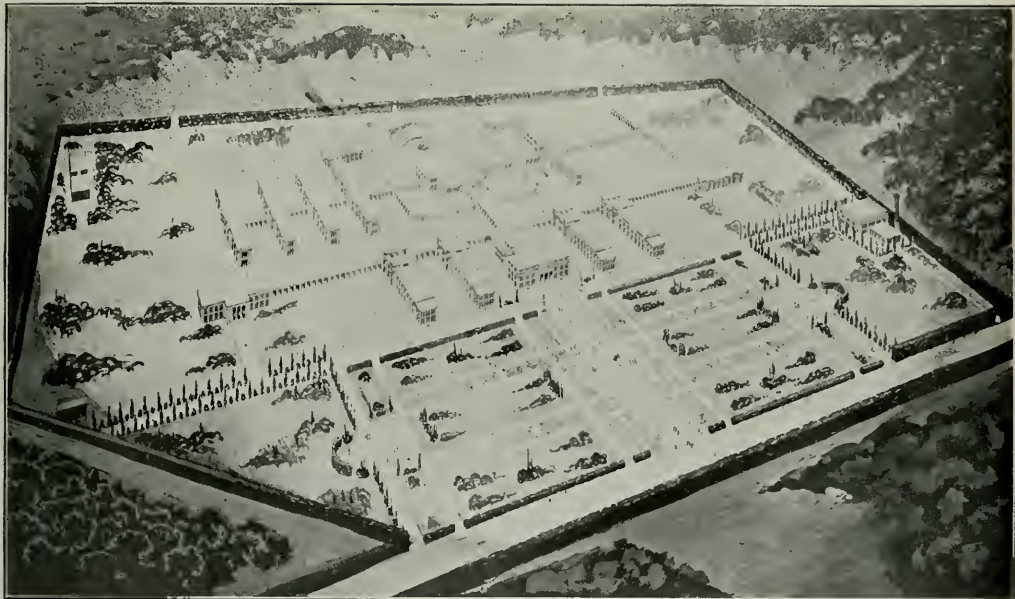
DESIGN AWARDED ONE THOUSAND DOLLARS

RIGHETTI & HEADMAN—Architects
San Francisco



DESIGN AWARDED ONE THOUSAND DOLLARS

WILLIAM H. RATCLIFF, JR.—Architect
Berkeley



DESIGN AWARDED ONE THOUSAND DOLLARS

WILLIAM MOOSER—Architect
San Francisco



DESIGN AWARDED ONE THOUSAND DOLLARS

J. J. DONOVAN—Architect
Oakland

Owner.....Louis Sabedra, 246 Vienna, San Francisco.

Architect...None.

Day's work. COST, \$650

(2200) NO. 2649 CLAY. Add 2 rooms.

Owner.....C. Hobro, 2643 Clay, S. F.

Architect...None.

Day's work. COST, \$500

(2201) W DRUMM 91-8 S Sacramento. Install 2 6000-gallon pressure tanks, with steel frame for each and cut elevator opening.

Owner.....John A. Lennon, 137 Sacramento, San Francisco.

Architect...None.

Contractor..Pacific Fire Extinguisher Co., 507 Kearny, S. F. COST, \$6000

(2202) E MISSISSIPPI 50 S 18th. Two

story and basement frame residence. Owner.....E. A. Janssen, 929 Hearst Bldg., San Francisco.

Architect...None.

Contractor..John Diestal, 2246 Mission, San Francisco. COST, \$2125

(2203) S POST 66-10% E Polk E 19-7% xS 120 W 11. All work for one-story reinforced concrete sub-station building.

Owner.....City Electric Co., 347 Grant Ave., San Francisco.

Engineer...W. A. Clark.

Contractor..Bluxome & Co., Monadnock Bldg., San Francisco.

Filed June 12, '13. Dated June 6, '13.

On 5th of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$7742

Bond, \$4500. Surety, Southwestern Surety Insurance Co. Limit, Sept. 15, 1913. Forfeit, \$10. Plans and specifications filed.

(2204) W SANCHEZ 212 N 14th 26x125.

All work except fire places in dining rooms, inside finish and stairway trimming, mill work, finish plumbing and hardware, tiling for sinks, interior painting, interior glass, etc., for three-story and basement frame flats.

Owner.....Christina Pettersen, 1941 15th, San Francisco.

Architect...J. Westerlund.

Contractor..L. G. Berggren & Son, 209 Sanchez, San Francisco.

Filed June 12, '13. Dated June 11, '13.

Frame up \$1600

Brown coated 1600

Completed and accepted..... 1600

Usual 35 days..... 1600

TOTAL COST, \$6400

Bond, \$3200. Sureties, R. A. Hisecox & N. S. Nelson. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(2205) S RICHLAND 275 W Mission

being Lot 10 Blk "E." French & Gillman Tract. All work for one and one-half-story frame residence.

Owner.....Richard and Florence Kayser, 2778 Bryant, S. F.

Architect...None.

Contractor..Ruegg Bros., Pacific Bldg., San Francisco.

Filed June 12, '13. Dated June 11, '13.

Frame up \$737.50

Brown coated 737.50

Completed 737.50

Usual 35 days 737.50

TOTAL COST, \$2950.00

Bond, none. Limit, 80 days. Forfeit, none. Plans and specifications filed.

(2206) E JORDAN AVE 132-3% S California S 33-4xE 120. Excavating, concrete, brick, carpenter, tinning, galvanized iron, roofing, glazing, metal work, etc., for two-story and basement and attic frame residence.

Owner.....Readen T. Lyons, 417 Montgomery, S. F.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor..L. C. Woolbridge, 315 28th Ave., San Francisco.

Filed June 12, '13. Dated April 30, '13.

Frame up \$1250

Standing finish on 1250

Completed and accepted..... 1250

Usual 35 days..... 1250

TOTAL COST, \$5000

Bond, \$2600. Surety, Maryland Casualty Co. Limit, as required. Forfeit, \$3. Plans and specifications filed.

(2207) NE McALLISTER AND DE-

visadero N 25xE 100. Carpenter work for three-story frame stores and flats.

Owner.....Theodore Dierks, 900 De-

visadero, San Francisco.

Designer & Engineer...Arthur J. Laib,

Russ Bldg., San Francisco.

Contractor..W. O. Peterson, 1255 Ful-

ton, San Francisco.

Filed June 12, '13. Dated June 10, '13.

Day's labor not to exceed.....\$9000

TOTAL COST, \$9000

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2208) PLUMBING ON ABOVE.

Contractor..Henry Ernst & Son, 633 Hayes, San Francisco.

Filed June 12, '13. Dated June 10, '13.

Roughed in \$448

Completed and accepted..... 449

Usual 35 days..... 298

TOTAL COST, \$1195

Bond, none. Limit, without delay. Forfeit, none. Plans and specifications filed.

(2209) E MISSION 215-6 N 22nd N 83x

E 122-6. Painting, varnishing, canvas wainscoting, gold leaf high light-

ing, etc., for theatre building.

Owner.....The Wigwam Amusement Company.

Architect...W. H. Crim Jr., 425 Kearny, San Francisco.

Contractor..Berke Bros., 34 Lapidge, San Francisco.

Filed June 12, '13. Dated June —, '13.

Work done each week..... 75%

Usual 35 days..... 25%

TOTAL COST, \$2350

Bond, \$1200. Surety, Southwestern Surety Insurance Co. Limit, July 3.

Forfeit, none. Specifications only filed.

(2210) SW GOLDEN GATE AVE AND

Taylor W 152-6 S 54-1½ m or 1 SE 46-5% m or 1 NE 154-5½ N 1-6% m or

1. Heating apparatus for three-story and basement brick building.

Owner.....San Christina Investment Co., 1st Nat'l. Bank Bldg., San Francisco.

Architect...Miller & Colmesnll, Lick Bldg., San Francisco.

Contractor..Mangrum & Otter, 561 Mission, San Francisco.

Filed June 12, '13. Dated May 29, '13.

Rough pipes in \$300

Completed and accepted..... 583

Usual 35 days..... 461

TOTAL COST, \$1844

Bond, \$1100. Surety, National Surety Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(2211) ELECTRIC WORK ON ABOVE.

Contractor..Butte Eng. & Elec. Co., 685 Howard, San Francisco.

Filed June 12, '13. Dated May 29, '13.

Payments monthly of..... 75%

Usual 35 days..... 25%

TOTAL COST, \$1985

Bond, \$1100. Surety, National Surety Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(2212) PAINTING ON ABOVE.

Contractor..Stranahan & Son, 619 Arguello Blvd, San Francisco.

Filed June 12, '13. Dated May 29, '13.

Payments same as above.....

TOTAL COST, \$1375

Bond, \$500. Surety, United States Fidelity & Guaranty. Limit, as required. Forfeit, none. Plans and specifications filed.

(2213) ELECTRIC PASSENGER ELE-

vator on above.

Contractor..Otis Elevator Co., Beach & Stockton, San Francisco.

Filed June 12, '13. Dated May 29, '13.

On shipment of engine..... ¼

On completion ¼

Usual 35 days..... ¼

TOTAL COST, \$2650

Bond, \$1500. Surety, National Surety Co. Limit, as required. Forfeit, none. Plans and specifications filed.

(2214) PLUMBING ON ABOVE.

Contractor..The J. Looney Co., 85 City Hall Ave., San Francisco.

Filed June 12, '13. Dated May 29, '13.

Rough pipes in..... \$1800.00

Completed and accepted..... 1394.25

Usual 35 days..... 1062.75

TOTAL COST, \$4257.00

Bond, \$2300. Surety Equitable Surety Co. Limit, as fast as required. Forfeit, none. Plans and specifications filed.

(2215) E NEVADA 300 N Jarboe. One

story and basement frame dwelling.

Owner.....M. C. Woodside, 57 Chattanooga, San Francisco.

Architect...None.

Day's work. COST, \$1000

(2216) E NEVADA 275 N Jarboe. One

story and basement frame dwelling.

Owner.....M. C. Woodside, 57 Chattanooga, San Francisco.

Architect...None.

Day's work. COST, \$1000

(2217) E FOURTH AVE 40 N Par-

nassus. One-story and basement

frame residence.

Owner.....M. Hewitt, Stockton.

Architect...Wm. Koenig, 750 Par-

nassus, San Francisco.

Day's work. COST, \$2900

(2218) N FOLSOM 275 W Third. Two-

story brick stores.

Owner.....H. E. Holmes, 744 Folsom, San Francisco.

Architect...Fred B. Wood, 2211 Steiner San Francisco.

Day's work. COST, \$16,000

(2219) NE FOURTH AVE AND PAR-

nassus. One-story and basement

frame residence.

Owner.....M. Hewitt, Stockton.

Architect...Wm. Koenig, 750 Par-

nassus Ave., San Francisco

Day's work. COST, \$2900

(2220) S MORAGA 82-6 E 13th Ave.

One-story and basement frame dwlg.

BUILDING AND INDUSTRIAL NEWS

Owner.....A. S. MacRae, 417 Lawton,
San Francisco.
Architect...None.
Day's work. COST, \$1000

(2221) NO. 1721 ALABAMA. New
foundation and add one room.
Owner.....Annie McColgan, Prem.
Architect...None.
Contractor...E. J. McColgan, Premises.
COST, \$450

(2222) NO. 1849 LARKIN. Install
steam heating system.
Owner.....Mr. Smith, Premises.
Architect...None.
Contractor...Atlas Heating & Ventilating Co., 72 Fulton, S. F.
COST, \$550

(2223) E THIRTIETH AVE 225 N
Clement N 25x E 120. All work for
one-story frame bungalow.
Owner.....Charles M. Weile, Russ
Bldg., San Francisco.
Architect...C. H. Skidmore, 63 Post,
San Francisco.
Contractor...Cleeve Carson & Sons, 219
32nd Ave., San Francisco.
Filed June 13, '13. Dated June 10, '13.
Main floor joists in position.....\$337
Frame up and ready for plaster, 431
Completed and accepted.....431
Usual 35 days.....432
TOTAL COST, \$1725
Bond, \$863. Sureties, Geo. B. and Anna
Carson. Limit, 90 days from filing.
Forfeit, \$1. Plans and specifications
filed.

(2224) S FILSON 137-6 W Second S
275xW 137-6. All work for altera-
tions and repairs to 2d floor of stable
building.
Owner.....Wells Fargo & Co., Second
and Mission, S. F.
Architect...None.
Contractor...Thos. H. Day's Sons, Mo-
nadnock Bldg., S. F.
Filed June 13, '13. Dated June 9, '13.
1st of each month.....75%
36 days after.....25%
TOTAL COST, \$9250
Bond, \$4625. Surety, Pacific Coast Casu-
alty Co. Limit, 60 days. Forfeit, none.
Plans and specifications filed.

(2225) N AMAZON AVE 83-11% E Mis-
sion E 50-6xN 100. All work for two
one-story and basement frame cot-
tages.
Owner.....Amedeo Maschio and Santo
Bottini, 5097 Mission, S. F.
Architect...None.
Contractor...Jos. Perasso and Gaetano
Moreton, 801 Athens, S. F.
Filed June 13, '13. Dated June 10, '13.
Frames up and roofs on.....\$400
Brown coated.....700
Completed and accepted.....700
Usual 35 days.....700
TOTAL COST, \$2500
Bond, \$1500. Sureties, Sam Giusto and
Luigi Perasso. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(2226) EXPOSITION SITE. Plumbing,
sewerage, water and gas pipes for
Transportation Building
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., San Francisco.
Architect...None.
Contractor...John G. Sutton Co., 243
Minna, San Francisco.
Filed June 13, '13. Dated June 11, '13.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$17,384

Bond, \$10,000. Sureties, John G. Sutton
and H. M. Van Pelt. Limit, 200 days.
Forfeit, \$10. Plans and specifications
filed.

(2227) EXPOSITION SITE. Pile founda-
tions for the Mines Building and
Varied Industries Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., San Francisco.
Architect...None.
Contractor...Healy-Tibbitts Constr. Co.,
9 Main, San Francisco.
Filed June 13, '13. Dated June 6, '13.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$28,426

Bond, \$16,000. Surety, Globe Indemnity
Co. Limit, 90 days. Forfeit, \$25. Plans
and specifications filed.

(2228) EXPOSITION SITE. All work
except piling, plumbing, sewerage
and electric work for Manufacturers
Building.
Owner.....Panama-Pacific Interna-
tional Exposition Co., Ser-
vice Bldg., San Francisco.
Architect...Bliss & Paville, Balboa
Bldg., San Francisco.
Contractor...McLeran & Peterson, Shar-
on Bldg., San Francisco.
Filed June 13, '13. Dated June 6, '13.
As work progresses.....75%
Usual 35 days.....25%
TOTAL COST, \$210,326
Bond, \$110,000. Surety, National Surety
Co. Limit, 200 days. Forfeit, none.
Plans and specifications filed.

(2229) E LARKIN 35 S Pacific S 32-6
x E 68-9. All work for three-story and
basement building (6 3-room apart-
ments).
Owner.....A. Pomme.
Architect...Rousseau & Rousseau, Mo-
nadnock Bldg., S. F.
Contractor...J. B. Reite and B. R. Hal-
ling, 110 Jessie, S. F.
Filed June 13, '13. Dated June 11, '13.
Frame up.....\$253.50
Brown coated.....253.50
Completed and accepted.....253.50
Usual 35 days.....253.50
TOTAL COST, \$10,214
Bond, \$5107. Sureties, W. Chatham and
B. W. Reed. Limit, 65 days after re-
ceiving permit. Forfeit, none. Plans
and specifications filed.

(2230) E CAPITOL 212-6 S Grafton.
One-story and basement frame dwlg.
Owner.....T. J. Peterson, 958 Capitol
Ave., San Francisco.
Architect...None.
Day's work. COST, \$500

(2231) NO. 2749 UNION. Install fire
place, patent chimney and add one
room.
Owner.....Dr. H. R. Oliver, 2751
Union, San Francisco.
Architect...None.
Contractor...W. W. Rednall, 2500 Fil-
bert, San Francisco.
COST, \$400

(2232) NO. 73 SUTTER. Repair fire
damage.
Owner.....Whittell Realty Co., 166
Geary, San Francisco.
Architect...None.
Contractor...Butcher & Serna, 110
Jessie, San Francisco.
COST, \$400

(2233) N PFEIFER 67 W Grant Ave.

Two-story and basement frame (4)
flats.
Owner.....G. Cosce, 155 Pfeifer, S. F.
Architect...None.
Day's work. COST, \$3400

(2234) NE GOUGH AND TURK. Re-
pair roof.
Owner.....Dr. A. Warner, Bohemian
Club, San Francisco.
Architect...None.
Contractor...Fred Miller, 225 Dolores,
San Francisco.
COST, \$400

(2235) N BROADWAY 185-3 W Hyde.
Two-story and basement frame flats.
Owner.....Chas. J. U. Koenig, 520
Eureka, San Francisco.
Architect...Herbert A. Schmidt, Royal
Ins. Bldg., San Francisco.
COST, \$5000

(2236) N SUTTER 300 W Montgomery
Erect brick vault and steel supports.
Owner.....Holbrook Bldg., Premises.
Architect...None.
Contractor...Hogberg & Ludwig, 180
Jessie, San Francisco.
COST, \$500

(2237) NO. 73 SUTTER. Repair res-
taurant.
Owner.....Besozzi & Cohen, Premises
Architect...None.
Contractor...Gean Lousero, 124 Stock-
ton, San Francisco.
COST, \$450

(2238) N BROADWAY 160-5 W Hyde.
Two-story and basement frame flats.
Owner.....Chas. J. U. Koenig, 520
Eureka, San Francisco.
Architect...Herbert A. Schmidt, Royal
Ins. Bldg., San Francisco.
Day's work. COST, \$5000

(2239) N BROADWAY 137-6 W Hyde.
Two-story and basement frame flats.
Owner.....Chas. J. U. Koenig, 520
Eureka, San Francisco.
Architect...Herbert A. Schmidt, Royal
Ins. Bldg., San Francisco.
Day's work. COST, \$5000

(2240) N BROADWAY 206-2 W Hyde.
Two-story and basement frame flats.
Owner.....Chas. J. U. Koenig, 520
Eureka, San Francisco.
Architect...Herbert A. Schmidt, Royal
Ins. Bldg., San Francisco.
Day's work. COST, \$5000

(2241) E THIRTIETH AVE 25 S Kirk-
ham. One-story dwelling.
Owner.....Louis Castro, 1735 15th
Ave., San Francisco.
Architect...None.
Contractor...Edw. Baetens, 1917 Oak-
dale Ave., San Francisco.
COST, \$400

(2242) S REVERE 25 from Hawes.
One-story and basement frame dwlg.
Owner.....E. A. Teida, 311 Mississippi
San Francisco.
Architect...None.
Day's work. Cost, \$400

(2243) E BANKS 125 N Jarboe. One
and one-half-story and basement
frame dwelling.
Owner.....Chas. W. Abbott, 232 Pren-
tiss, San Francisco.
Architect...None.
Day's work. Cost, \$1650

(2244) N SEVENTEENTH 54-11 E
Capp E 25xN 100. All work except

plumbing, gas fitting, electric work, gas fixtures and shades for three-story frame store and flats.

wner.....Cantagtie & Ducasse.
rchitect...M. J. Welsh, 22d and Mis-
sion, San Francisco.

contractor..Louis Metter, 157 Albion
Ave., San Francisco.

led June 14, '13. Dated June 14, '13.

Frame up and rustic on.....\$1078

Brown coated.....1078

Completed.....1079

Usual 35 days.....1080

TOTAL COST, \$1315

nd, none. Limit, 90 days after June
5, forfeit, \$2. Plans and specifica-
ons filed.

245) W SECOND 100 N Townsend
50x160. All work except outside
foundation walls, steel frame, pre-
pared roofing, skylights in roof, 3
fire doors in shop, electric work and
first story floor for two-story brick
office and machine shop.

wner.....Moore Investment Co.,
Main and Howard, S. F.

ngineer...Leland S. Rosener, 1129
Merchants' Exchange Bldg.,
San Francisco.

contractor..Farrell & Reid, M. A.
Gunst Bldg., S. F.

led June 14, '13. Dated June 2, '13.

On 1st of each month..... 75%

Usual 35 days..... 25%

TOTAL COST, \$3754

nd, none. Limit, 60 days after com-
mencement of steel frame. Forfeit,
none. Plans and specifications filed.

246) N TEHAMA 375 W Fifth 25x75.

All work for two-story and basement
frame apartments.

wner.....Wilhelm Kirsch and Marie
Siemon.

rchitect...John F. Haner, 3579 19th,
San Francisco.

contractor..Geo. V. McCausland, 4173
23rd, San Francisco.

led June 14, '13. Dated June 12, '13.

Frame up and roof rafters in, \$1300

rown coated and rough plumb-
ing in.....1300

Completed and accepted.....1300

Usual 35 days.....1300

TOTAL COST, \$5200

nd, \$2600. Sureties, E. A. Hoadley
& F. A. McCausland. Limit, 70 days
for June 16. Forfeit, \$5. Plans and
specifications filed.

RELEASE OF BLDG. CONTRACT.

June 12, 1913—N TEHAMA 375 W 5th.

Wilhelm Kirsch and Marie Siemon

th Geo V McCausland (Contract

led June 5, 1913) Released.....

June 10, 1913

BOND.

June 9, 1913—DEVISADERO & OAK.

wner, Ritchey Riddell; contractor,
V. H. Bagge; surety, The Aetna

Ident & Liability Co; bond, \$3800

BOND.

June 11, 1913—N NINETEENTH 150

Branch. Owner, L J Henrioulle;

contractor, Siegfried Malmburg;

surety, Fidelity & Deposit Co. of

Maryland; bond.....\$1375

BOND.

June 11, 1913—SIXTH & NATOMA.

(a) to elevator. Owner, The Hind

Estate Co.; contractor, L V Roberts

Moline Works; sureties, Ernest

W Frijs and Frank Malewirth;
bond.....\$600

NOTICE OF NON-LIABILITY.

June 13, 1913—NE KEARNY AND
Hardie Place. Minerva A Marston
as to improvements on leased prop-
erty.....

June 13, 1913—NE O'FARRELL AND
Powell N 27-6xE 77-6. Alicia Minde

as to improvements on leased

property.....

COMPLETION NOTICES.
SAN FRANCISCO.

June 7, 1913—N LOMBARD 73-6 W

Jones N 68-9xW 34. Margaret E

Peat to L Hippely.....June 7, 1913

June 9, 1913—W PARKER AVE 151-7

N Geary; Nos. 181-183 Parker Ave

T J Nicolaesen to whom it may con-
cern.....May 15, 1913

June 9, 1913—E STOCKTON 66 S Fil-
bert S 25-6xE 137-6. Antonio Fi-

gone to G Segale and F De Martini

.....Feb. 15, 1913

June 9, 1913—NE VAN NESS AVE

and Bush N 50xE 95. Wm Goeggel

to B C Van Emon.....June 7, 1913

June 9, 1913—NE VAN NESS AVE &

Bush N 50xE 95. Wm Goeggel to

Neil McLean.....June 7, 1913

June 9, 1913—SW TURK AND POLK

S 120 W 97-6 N parallel with W

Polk 30 E parallel with S Turk 30

N 90 E 67-6. John Galloway and

Charles W Slack, extras Est Reuben

H Lloyd, deed to Gottfried T Pet-
tersen and Sven Persson (Petter-

son & Persson).....May 31, 1913

June 9, 1913—SW GREENWICH AND

Leavenworth S 137-6xW 171-10½.

Greenwich Terrace Householders

Ass'n to S F Elec Co, June 3; John

G Sutton Co, June 3; B F Woodall

.....June 3, 1913

June 9, 1913—NW GREENWICH AND

Leavenworth 275 on Greenwich x

137-6 on Leavenworth. Whitell

Realty Co to Rosario De Lucca....

.....June 6, 1913

June 9, 1913—W HYDE 62-6 S Jack-
son S 25xW 87-6. Minnie A and

Theo S Hoin to whom it may con-
cern.....June 9, 1913

June 9, 1913—ST. FRANCIS WOOD.

Westgate Park Co to I P Lipp....

.....June 6, 1913

June 9, 1913—S EIGHTEENTH 75 E

Potrero Ave 24-4½x100. Galeseppe

Cavaglieri to whom it may con-
cern.....June 9, 1913

June 9, 1913—S CHESTNUT 104-9 W

Taylor 32-9 on Chestnut by 145.

Pasquale Da San Martino and

Luigi Da San Martino to whom it

may concern.....June 7, 1913

June 9, 1913—SE MARKET 100-0½

NE 7th NE 50-0½ SE 165. J D

Phelan to J E Dwan & Co.....

.....May 27, 1913

June 9, 1913—E STOCKTON 50 S

Sutter E 80xS 40-8½. Sierra In-

vestment Co to A Lynch.....June 6, 1913

June 9, 1913—S VIRGINIA AVE 52 —

Prospect Ave 26x75. Louis and

Wilhelmina Ryberg to S Sterner....

.....June 9, 1913

June 9, 1913—SW FREMONT 230 SE

Howard NW 80xSW 45. Sarah A

McCurdy to Burch Hoffman Co....

.....June 7, 1913

June 9, 1913—W TWENTY-FIFTH

Ave 100 N California N 25xW 120.

Geo Margaretis or Margaris to

Thomas Hamill.....June 9, 1913

June 9, 1913—N JACKSON 137-6 E

Locust N 127-8½xE 32. Virginia

T Younger to E W Elliott.....June 6, '13

June 9, 1913—W FOURTH & JESSIE

NW 75xSW 75. R D McElroy to

Geo Goodman Artificial Stone Co....

.....June 5, 1913

June 10, 1913—N GEARY 57-6 E 11th

Ave 25x100. J Bachmann and W

Bachmann to whom it may con-
cern.....June 10, 1913

June 10, 1913—NW GOUGH & Fil-
bert N 105xW 30. David F and

Mary G or J Capelli to J J Heaphy

.....June 9, 1913

June 10, 1913—W ELEVENTH AVE

150 Noriega (N) N 25xW 120. Lena

M Mathisen (mly Gulliksen) to

Albert Zjoraa.....June 9, 1913

June 11, 1913—NE PINE & JONES

N 52-6xE 43. Theo J Roche to

Wittman Lyman & Co.....June 7, 1913

June 11, 1913—SW RIVINGTON & COLE

S 27-6xE 100. W G Thompson to

John A Hoots.....June 11, 1913

June 11, 1913—N EBDY 68-9 E Ma-
son E 68-9 N 89-6 E 75 N 90-6 W 75

10-6 W 68-9 S 175. Ernestine and

W H Leahy to Fennell & Wand....

.....June 11, 1913

June 11, 1913—W ELEVENTH AVE

300 S "L" S 37-6x120. Marguerite

C Dunand to Frederick O Nelson

and Carl Olson.....May 27, 1913

June 11, 1913—SE TWENTYETH &

Missouri 25x40. Mary Dunnigan to

B W Demaris.....June 11, 1913

June 11, 1913—SE MARKET 100-0½

NE Seventh NE 50-0½xE 165. J

D Phelan to Peter Hamilton.....

.....June 4, 1913

June 11, 1913—S FILBERT 95 W Ma-
son 21-6x100-6. August Figne to

A Sarraile.....June 11, 1913

June 12, 1913—E LAUREL 107-7½ N

California N 25xE 127-6. G B

Mollinari to William J Cuneo....

.....June 11, 1913

June 12, 1913—NW HOWARD 270 SW

Third SW 40xNW 80. Clara Blibbern

(to William Camp and Charles A

Carillon (Camp & Carillon) June 7,

'13; Ralston Iron Works.....June 11, 1913

June 12, 1913—E TAYLOR 81-8 N Sut-
ter N 22-1½xE 87-6. Herman

Hogrefe to Rainey & Phillips.....

.....June 7, 1913

June 12, 1913—E FIFTEENTH AVE

192 N Balboa (B) N 24xE 120.

Michael J Duffy to Theo N Sampson

.....June 12, 1913

June 12, 1913—S TOWNSEND AND

Second SW 59xSE 125. Warehouse

Investment Co to Geo H Stoffel....

.....June 11, 1913

June 12, 1913—NE FULTON & PARK-

er Ave E 175xN 275. The President

& Board of Trustees of St Ignatius

College, Inc to J O'Connor and R

J Collins (O'Connor & Collins)....

.....June 11, 1913

June 12, 1913—SE MARKET 100-0½

NE 7th NE 50-0½xE 165. J D

Phelan to Palace Hardware Co....

.....June 11, 1913

June 12, 1913—S BRYANT AND ZOE

SW 125xSE 160. Shreve & Co to

J St. Denis & Co, June 6, '13; W P

Fuller, June 9, '13; John G Sutton

Co, June 5, '13; John G Sutton Co,

June 5, '13; Rudgear-Merle Co, June

6, '13; S F Cornice Co, June 6, '13;

Mangrum & Otter..... June 5, 1913

June 12, 1913—S SOUTH PARK AND

Second SE 137-6x SW 122. Nat

Raphael to Frank Garden Co....

.....June 11, 1913

June 13, 1913—SW NIAGARA AVE

164.58 NW Mission NW 25xSW

80.58. Jno B Woolfrey and Luis

Get it from Bacon.

The Blocks now being
used for moving the
Commercial High
School Building were
furnished by

Edward R. Bacon Co.

CONTRACTORS EQUIPMENT.

Telephone Sutter 1675

38-40 NATOMA ST., S. F.

1860 OaklandDowd 500
1861 NalshKaler 1630

(1798) NO. 468 ELEVENTH, Oakland.
Alterations.
Owner.....Bacon Bldg., Premises.
Architect...None.
Contractor..Bacon & Soule, Premises.
COST, \$400

(1799) W SEVENTY-SECOND AVE 162
N 14th, Oakland. One-story 4-room
dwelling.
Owner.....J. R. Furtado, 25 Oak
Grove, San Francisco.
Architect...None.
Contractor..J. P. Silva, 1520 5th, Okd.
COST, \$1000

1800) S SIXTY-THIRD 310 W Tele-
graph Ave., Oakland. One-story 7-
room dwelling.
Owner.....W. S. Young, 702 Alleen,
Oakland.
Architect...None.
Day's work. COST, \$2300

(1801) S EADES 150 E Jones Ave.,
Oakland. One-story 4-room dwlg.
Owner.....Antone Reheldo.
Architect...None.
Contract " S. G. Walker, 2836 7th,
Berkeley.
COST, \$500

(1802) E STATEN AVE 176 S Palm
Ave., Oakland. Two-story 8-room
dwelling.
Owner.....Claude B. Barton, Security
Bank Bldg., Oakland.
Architect...None.
Day's work. COST, \$5000

1803) 805 FOURTEENTH AVE AND
E-38th, Oakland. One-story chapel.

Owner.....St. James Presbyterian
Church, Premises.

Architect...None.
Contractor..Orlando E. Hart, 2041 41st
Ave., Oakland.
COST, \$3500

(1804) NO. 465 OAKLAND AVE., Oak-
land. Addition.
Owner.....F. Willis Sharpe, Premises.
Architect...None.
Contractor..C. T. Moon, 446 38th, Okd.
COST, \$400

(1805) W SIXTY-SEVENTH AVE 70
N Fairview Way, Oakland. One-story
5-room dwelling.
Owner.....G. Sellers, 1556 8th, Okd.
Architect...None.
Contractor..F. A. Larsen, 3240 Nicol
Ave., Oakland.
COST, \$2000

(1806) W HARBOR 392 N Peralta, Oak-
land Two-story 11-room flats.
Owner.....H. Grady, 512 8th, Okd.
Architect...None.
Day's work. COST, \$2956

(1807) NO. 1930 E-FOURTEENTH,
Oakland. Repairs.
Owner.....T. Kane, Premises.
Architect...None.
Day's work. COST, \$400

(1815) PTN LOTS 15 AND 16 BLK "A"
Map Fourth Ave Terrace, Oakland.
All work for two-story 7-room dwlg.
Owner.....Geo. L. Munro, 816 Union,
Oakland.
Architect...None.
Contractor..Wm. Converse, 551 62nd,
Oakland.

Filed June 9, '13. Dated June 6, '13.

Rafters on
1st coat plaster on.....
Completed
Usual 35 days.....

TOTAL COST, \$220

Bond, none. Limit, 90 days. Forfeited,
none. Plans and specifications filed.

(1816) — TWENTY-SIXTH AVE 514
E-14th, Oakland. One-story 3-room
summer house.

Owner.....Julia Wright, 1242 23rd
Ave., Oakland.

Architect...None.

Contractor..R. A. Wright, 1242 23rd
Ave., Oakland.

COST, \$400

(1817) NO. 1924 WARNER AVE., Oak-
land. Alterations.

Owner.....J. A. Dawson.

Architect...None.

Contractor..J. R. Faulkes, 9828 E-14th,
Oakland.

COST, \$800

(1818) SE LOCKSLEY AND HUDSON

Oakland. Two-story 12-room flats

Owner.....Mary G. Ryan, 5545 Ta
Ave., Oakland.

Architect...None.

Contractor..B. R. Dexter, 2212 Grov
Oakland.

COST, \$1500

1819) NO. 3040 BROADWAY, Oakland
Alterations.

Owner.....A. S. Macdonald, 325 Ver
non, Oakland.

Architect...None.

Contractor..J. F. Shrader, 520 16th, Ok
COST, \$400

(1820) NO. 1549 EIGHTY-THIRD AV

Oakland. Addition.

Owner.....J. A. Mundonca, 1629 47
Ave., Oakland.

Architect...None.

Contractor..M. C. Barcells, Hayward
COST, \$550

(1821) S THIRTY-NINTH 200 W Grov

Oakland. Two-story 9-room dwlg.

Owner.....S. J. Bertelsen, 473 Newto
Ave., Oakland.

Architect...None.

Day's work. COST, \$4300

(1822) N APGAR 325 E San Pablo Av

Oakland. One-story 5-room dwlg.

Owner.....Wm. F. Neary, 1512 Broad
way, Oakland.

Architect...None.

Day's work. COST, \$2500

(1823) NW GRAFFIAN AND 107TH

Ave., Oakland. One-story 6-room

dwelling.

Owner.....C. M. Ridley, 111 Eddy,
San Francisco.

Architect...None.

Contractor..John Perona, 590 Thib
Oakland.

COST, \$3700

(1824) W FIFTIETH AVE 75 S Bon

Oakland. Two-room addition.

Owner.....W. K. Wilstrap, 1601 50
Ave., Oakland.

Architect...None.

Contractor..C. B. Stanley, 1507 50
Ave., Oakland.

COST, \$1000

(1825) S FLEMING AVE 300 E Hie

Oakland. One-story 4-room dwell

Owner.....Peter Pullagot, High near
Fleming, Oakland.
Architect...None.
Contractor...H. Miller.

COST, \$1000

(1826) S A'GAR 166.13 E Market E 40
xS 139.50, Oakland. All work for one
story 6-room dwelling.
Owner.....Fred W. Reichhold, 936
57th, Oakland.

Architect...None.
Contractor...Oscar L. Burritt, 427 63rd,
Oakland.

Filed June 10, '13. Dated June 9, '13.
Rough frame up.....\$800
1st coat plaster on..... 700
Completed and notice filed..... 640
Usual 35 days..... 600

TOTAL COST, \$2740

Bond, none. Limit, 65 days. Forfeit,
none. Plans and specifications filed.

(1827) NE SEVENTEENTH & BROAD-
way N along Broadway 60x E 61.5,
Oakland. Concrete foundation and
fireproofing for ten-story Class "A"
office building.

Webster, Oakland (Agent
Owner.....Lucy Fay Thomson, 1955
P. J. Walker Co., Monad-
nock Bldg., S. F.)

Architect...W. D. Reed, Oakland Bank
of Savings Bldg., Oakland.
Contractor...Clinton Fireproofing Co.,
Mutual Bank Bldg., S. F.

Filed June 9, '13. Dated June 5, '13.
1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$23,750

Bond, \$11,875. Surety, Globe Indemnity
Co. Limit, foundation ready July 12.
Forfeit, none. Plans and specifications
filed.

(1830) NO. 2116 WEST, Oakland.
Steel tank frame.
Owner.....Excelsior Laundry, Prem.
Architect...None.
Contractor...Judson Iron Works.

COST, \$1000

(1831) N FIFTEENTH 150 E Broad-
way, Oakland. Alterations.
Owner.....Herr & Smith, 470 15th,
Oakland.

Architect...None.
Contractor...F. T. Kennedy, 954 Rose
Ave., Piedmont.

COST, \$1000

(1832) NO. 148 BAYO VISTA, Oakland.
Alterations.
Owner.....Chester Williams, Premises.
Architect...None.
Contractor...F. E. Allen, 463 34th, Okd.

COST, \$400

(1833) S KALES AVE 150 E Broad-
way, Oakland. One and one-half-story
6-room dwelling.
Owner.....G. G. Reed, 681 62nd, Okd.
Architect...None.
Day's work.

COST, \$2500

(1834) N FLORIDA 400 W Porter Ave
Oakland. Two-story 8-room dwlg.
Owner.....Cora H. Shores, 1901
Franklin, Oakland.

Architect...Chas. W. McCall, Central
Bank Bldg., Oakland.
Contractor...F. W. Shores, 310 Union
Savings Bank, Oakland.

COST, \$5500

(1835) NE FORTY-FIRST AVE AND
E-15th, Oakland. One-story five-room
dwelling.

Owner.....United Home Bldrs., 1762
Broadway, Oakland.

Architect...None.
Day's work.

COST, \$1350

(1837) W TELEGRAPH AVE 100 S
16th S 130 NW 103.95 SW 102.44 N 130
NE 90 NW 5.72 NE 112.89 SE 74 SW
100 SE 100, Oakland. Electric fixtures
and glass were for four-story and
base-nest Class "A" store.

Owner.....Kahn Realty Co., 12th and
Washington, Oakland.

Architect...C. W. Dickey, Central Bank
Bldg., Oakland.

Contractor...G. T. English Co., 1418
Broadway, Oakland.

Filed June 11, '13. Dated June 3, '13.
1st and 15th of each month..... 75%
Usual 35 days..... 25%

TOTAL COST, \$5135.25

Bond, \$2567.62. Surety, Title Guaranty
& Surety Co. Limit, none. Forfeit,
none. Specifications only filed.

(1838) NO. 1903 IRWIN AVE., Oakland
All work for two-story 9-room dwlg.
Owner.....H. L. Dalton, 2420 E-21st,
Oakland

Architect...None.
Contractor...Thorup & Asmussen, Hay-
ward, Cal.

Filed June 11, '13. Dated April 7, '13.
Frame up..... 14
Enclosed..... 14
Plastered..... 14
Completed..... 14

TOTAL COST, \$3297

Bond, \$1700. Surety, Aetna Accident &
Liability Co. Limit, 90 days. Forfeit,
plans and specifications, none.

(1839) S 105TH AVE 5 S Southern
Pacific R. R., Oakland. One-story
corrugated iron warehouse and crane
way.

Owner.....C. L. Best, Premises.

Architect...None.
Day's work.

COST, \$1900

(1840) NO. 1287 SEVENTY-NINTH
Ave., Oakland. Addition.

Owner.....H. G. Atwood, Premises.

Architect...None.
Day's work.

COST, \$500

(1841) SW BENVENUE & WOOLSEY,
Oakland. Additions and repairs.

Owner.....Spencer.

Architect...None.
Contractor...W. S. Montgomery, 2321
Ward, Oakland.

COST, \$700

(1845) NE THIRTEENTH AND WEB-
ster E along 13th 100xN 50, Oakland.
Excavating, supporting on four sides
of building, back filling, reinforced
and other concrete work, steel and
fabric for some and all forms for all
concrete for seven-story steel and
brick building.

Owner.....H. A. Powell, Oakland.

Architect...F. D. Voorhees, Central
Bank Bldg., Oakland.

Contractor...Oakland Concrete Terrazzo
& Mosab Co., 1617 Market,
Oakland.

Filed June 12, '13. Dated June 11, '13.
Rough excavating completed.....\$150.00
One-half whole concrete work
completed..... 1105.75
Completed and accepted..... 1106.00
Usual 35 days..... 1187.25

TOTAL COST, \$4749.00

Bond, none. Limit, 75 days. Forfeit,
\$. Plans and specifications filed.

(1846) N E-FOURTEENTH 44 W 85th
Ave., Oakland. One-story store build-
ing (5 stores).

Owner.....C. G. Frank, 9101 E-14th,
Oakland.

Architect...None.
Contractor...R. N. Jansen, 1225 54th
Ave., Oakland.

COST, \$1000

(1847) E LOCKSLEY AVE 65 S Hud-
son, Oakland. Two-story 7-room
dwelling.

Owner.....Mary G. Ryan, 5545 Taft
Ave., Oakland.

Architect...None.
Contractor...B. R. Dexter, 2212 Grove,
Oakland.

COST, \$3000

(1850) NO. 503 SECOND, Oakland.
Alter and repairs.

Owner.....Chas. Jurgens, 373 13th, Okd
Architect...None.

Contractor...Wm. McCarty, 19th and
Telegraph Ave., Oakland.

COST, \$500

(1851) N CAVOUR 90 W Manila, Oak-
land. One-story 4-room dwelling.

Owner.....O. M. Bullock, 1052 Broad-
way, Oakland.

Architect...None.
Day's work.

COST, \$1500

(1852) W GLENDALE 40 W Desmond,
Oakland. One-story 5-room dwlg.

Contractor...B. R. Dexter, 2212 Grove,
Oakland.

Architect...None.
Day's work.

COST, \$1950

(1853) E SIXTY-FOURTH AVE 710 N
E-14th, Oakland. One-story 6-room
dwelling.

Owner.....Robt. Trimlett, 1330 E-
26th, Oakland.

Architect...None.
Day's work.

COST, \$2300

(1856) SE OLIVE AND AUSEON AVE.,
Elmhurst, Oakland. All work for
one-story six-room dwelling.

Owner.....H. Beatrice Bather, Okd.

Architect...None.

Contractor...Harry C. Knight, 1725
Broadway, Oakland.

Filed June 13, '13. Dated May 2, '13.

Rafters on place..... 25%

1st interior coat plaster on and

cornice work completed..... 25%

Exterior completed and interior

door jams set..... 25%

Completed and accepted.....Balance

TOTAL COST, \$2350

Bond, none. Limit, 75 days after laying
mudsills. Forfeit, none. Plans and
specifications filed.

NOTE:—Contractor to get 8% of fig-
ured cost.

(1857) LOT 19 Sylvain Crest Tract,
Oakland. All work for one-story 7-
room dwelling.

Owner.....Howard S. Griswold, Okd.

Architect...None.

Contractor...Harry C. Knight, 1725
Broadway, Oakland.

Filed June 13, '13. Dated May 27, '13.

Rafters in place.....\$75

1st interior coat plaster on..... 75

Interior door jams set..... 75

Last payments.....Balance

TOTAL COST, \$2875

Bond, none. Limit, 75 days after laying
mudsills. Forfeit, none. Plans and
specifications filed.

NOTE:—Contractor to receive 10% of
cost.

BUILDING AND INDUSTRIAL NEWS

(1878) N WILLIAM 124 W Birdsell, Oakland. One-story 4-room dwlg. Owner....Sylvester Mazzero, 3109 Galinda, Oakland.
Architect...None.
Day's work. COST, \$1000

(1859) W HARRINGTON AVE 40 N Boulevard, Oakland. One-story 5-room dwelling.
Owner.....Bold & Sons, 1984 Minnesota Ave., Oakland.
Architect...None.
Day's work. COST, \$1600

(1860) FOURTH AVE & NEWTON, Oakland. Station.
Owner.....City of Oakland Playground Department.
Architect...None.
Contractor...Thos. F. Dowel, 728 Chestnut, Oakland.
COST, \$500

(1861) N PEPPIN 150 W Pear, Oakland. One-story 5-room dwelling.
Owner.....Albert E. Naish, 1067 Peppin, Oakland.
Architect...None.
Contractor...H. Kaler, 1036 Permain, Oakland.
COST, \$1630

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Amt.
1807	Kane	Kane	400
1808	Schlesinger	Widmer	1500
1809	Owen	Owen	2000
1810	Turturice	Reichell	1900
1811	Warren	Rowe	500
1812	Moore	Rowe	1500
1813	Garnett	Porter	3000
1814	Furnier	Williamson	3000
1836	Berkeley	Kidder	1295
1842	Button	Button	3000
1843	United Bldrs	Owner	3000
1818	Silver	August	1640
1819	Bliss	Bliss	3500
1851	McFarland	Nelson	1290
1855	Galpin	Lewis	2100

(1808) NW FULTON AND CHANNING Way, Berkeley. One-story 4-room dwelling.
Owner.....Mary Schlesinger, Bkly.
Architect...None.
Contractor...J. J. Widmer, Stege, Cal.
COST, \$1500

(1809) E GRANT 175 S Cedar, Berkeley. One-story 5-room dwelling.
Owner.....J. T. Owen, 523 61st, Okd.
Architect...None.
Day's work. COST, \$2000

(1810) NO. 1632 BANCROFT WAY, Berkeley. One and one-half-story 6-room dwelling.
Owner.....Vincenzo Turturice, Prem.
Architect...None.
Contractor...Paul R. Reichel, 1626 Josephine, Berkeley.
COST, \$1000

(1811) NO. 62 PANARAMIC WAY, Berkeley. Alterations.
Owner.....Wm. Warren, Premises.
Architect...None.
Contractor...Henry Rowe.
COST, \$500

(1812) NO. 60 PANARAMIC WAY, Berkeley. Alterations and repairs.
Owner.....Wm. J. T. Moore, Prem.
Architect...None.
Contractor...Henry Rowe.
COST, \$1500

(1813) W BUENA VISTA WAY 200 N Le Roy, Berkeley. Two-story seven-room dwelling.
Owner....Porter Garnett, 1119 La Loma Ave., Berkeley.
Architect...None.
Contractor...H. H. Porter, 2616 Cedar, Berkeley.
COST, \$3000

(1814) N HILLCREST ROAD 366 W Uplands, Berkeley. Two-story 9-room dwelling.
Owner.....Milton G. Furnier, 2814 Woolsey, Berkeley.
Architect...None.
Contractor...L. H. Williams, Glen Ave. and Eunice, Berkeley.
COST, \$5000

(1826) W OXFORD 600 N Eunice, Berkeley. Alterations.
Owner.....Berkeley School Board.
Architect...None.
Contractor...Kidder & McCullough, 2075 Addison, Berkeley.
COST, \$1295

(1842) N OAKVALE 150 W Dominge, Berkeley. Two-story 7-room dwlg.
Owner.....I. W. Button, 5930 Telegraph Ave., Oakland.
Way, Berkeley.
Architect...None.
Day's work. COST, \$3000

(1843) W THE ALAMEDA 200 S Monterey, Berkeley. One-story 5-room dwelling.
Owner.....United Home Builders, 1762 Broadway, Oakland.
Architect...None.
Day's work. COST, \$3000

(1848) W KAINS AVE 237½ S Harrison, Berkeley. One-story five-room dwelling.
Owner.....M. P. Silver, 478 Orchard, Oakland.
Architect...None.
Contractor...M. August, 913 Bancroft
COST, \$1640

(1849) W COLBY 132 S Webster, Berkeley. One and one-half-story 8-room dwelling.
Owner.....Grace S. Bliss, 2612 Dana, Berkeley.
Architect...None.
Contractor...E. M. Bliss, 2612 Dana, Berkeley.
COST, \$3500

(1854) S VIRGINIA 85 E Euclid Ave., Berkeley. One-story 5-room dwlg.
Owner.....F. W. McFarland, 2514 Virginia, Berkeley.
Architect...None.
Contractor...H. P. Nelson, 2241 Grove, Berkeley.
COST, \$1280

(1855) NW CEDAR & CEDAR COURT Berkeley. One-story 5-room dwlg.
Owner.....Julia P. Galpin, 52 Oakvale Ave., Berkeley.
Architect...None.
Contractor...L. S. Lewis, 2121 Woolsey, Berkeley.
COST, \$2100

NOTICE OF NON-RESPONSIBILITY.

June 11, 1913—LOT 174 Map Stone Orchard, Stonehurst, Okd. Jennie F Stone and E F and A L Stone Co as to improvements on leased property

Building Contracts Awarded Alameda.

No.	Owner	Contractor	Amt.
1828	Lukes	Lukes	500
1829	Clow	Hillen	3615
1844	Maxwell	Thornalley	1352

(1828) NO. 772 PACIFIC AVE., Alameda. One-story 4-room dwelling.
Owner.....Sara Althea Lukes, 774 Pacific Ave., Alameda.
Architect...None.
Day's work. COST, \$500

(1829) NO. 3228 GARFIELD AVE., Alameda. Two-story 7-room dwelling
Owner.....John A. Clow, 1723 Lafayette, Alameda
Architect...W. W. Landgrebe, Farnside and Liberty, Alameda.
Contractor...R. C. Hillen, Farnside and Liberty, Alameda.
COST, \$2615

(1841) W LEE 95 N OF N COR. LAND conveyed by Edison F. Adams to Wm. E. Palmer by Deed dated Dec. 31, 1901, recorded in Liber. 807 of Deeds, Page 217, Alameda County Records; SW 161.16 SE 2.94 th along curve 63.99 NE 150 N 80, Oakland. All work except painting, tinting, papering, finish hardware and electric fixtures for 2-story and basement and attic frame dwelling and garage.
Owner.....John P. Maxwell, 481 14th, Oakland.
Architect...Milwain Bros., Delger Bldg Oakland.
Contractor...W. G. Thornalley, 3027 E-16th, Oakland.

Filed June 12, '13. Dated June 11, '13. Frame up and chimneys built...\$2838
Exterior walls and exterior mill work completed and interior and exterior rough coat mortar on...2838
Completed and accepted & notice filed...2838
Usual 35 days...2838
TOTAL COST, \$11,352
Bond, \$6000. Sureties, P. C. Frederickson and Joseph Dam n. Limit, 110 days. Forfeit, none. Plans and specifications filed.

Completion Notices.

ALAMEDA COUNTY.

June 7, 1913—LOT 152 Map Dowling Homestead Tct, Okd. J W Rickley to Adolph Morgensen June 6, 1913
June 7, 1913—LOT 15 BLK "M," Northbrae Terrace, Bkly. Geo R Tryner to M C Vaughn...June 6, 1913
June 4, 1913—LOT 22 BLK "D" Austin Sidvn Vernon Park, Okd. Arthur H Seconale to whom it may concern...June 4, 1913
June 9, 1913—LOT 16 and 6 ft. Lot 17 Bk 18, Regents Park No. 4, Albany. Gustaf Johanson to whom it may concern...June 7, 1913
June 9, 1913—W 106TH AVE. 178 S Graffian and 253 N Royal Ann, Okd. George and Minnie Hansen to John Looman and John Drewes...June 7, 1913
June 9, 1913—N FORTY-FOURTH 100 W Webster, Okd. Chas McArthur to whom it may concern...June 9, 1913
June 9, 1913—SE THIRTY-EIGHTH AVE 325 S Santa Rita Ave Lot 22 Bk 15 Boulevard Park, Okd. Mrs Sadie Wilcox to T L Webster...June 9, 1913
June 9, 1913—S LYON AVE 600 E

Liese Ave, Okd. Joe St. Mary to whom it may concern...Completed — June 10, 1913—LOT 22 BLK 13 Map Melrose Heights, Okd. K M Sheridan to whom it may concern..... May 10, 1913
June 10, 1913—S CEDAR 160 W 16th W 30xS 100, Bkly. Carl Erickson to whom it may concern.....June 9, 1913
June 11, 1913—LOT 30 and W 1/2 Lot 29 Blk "C" Champion Tract, Okd. F D Kaiser to Alex C Wieben.... June 9, 1913
June 11, 1913—LOTS 6 AND 7 BLK 66 Map Oak Grove Institute Tract, Ala. Mrs E E Tuckey to W T WhitfordMay 31, 1913
June 12, 1913—LOT 16 BLK 5 Map Fourth Ave Heights, Okd. Piedmont Heights Bldg Co to Jesse V Matteson.....June 11, 1913
June 12, 1913—N HAIGHT AVE 288 E Prospect E 32xN 132.5 J W Monroe to whom it may concern..... May 1, 1913
June 13, 1913—NE E-SIXTEENTH 100 NW 3d Ave NW 50xNE 150, Okd. D Fried to whom it may concern..... June 13, 1913
June 12, 1913—SEBVEN 3 IN LOT 23 Map No. 3 Glen Echo Tract, Okd. T. F W Butler to Geo H S HalyJune 10, 1913

LIENS FILED.

ALAMEDA COUNTY.

June 7, 1913—S 40 LOT 20 BLK 11, Map Daley's Scenic Park Tract, Bkly. W D Slusser vs P George Gow and Alfred Olson\$142
June 7, 1913—E THIRTY-EIGHTH Ave 225 S Santa Rita Ave S 50xE 100, Okd. Pearson & Nordin vs F L Webster and Sadie Wilcox..... \$100.55
June 10, 1913—LOT 6 BLK 16 Highland Sbdvn Adams Point Pty, Okd. G A Jenks vs Laura C Hall\$2149.88
June 12, 1913—LOTS 6 AND 7 BLK 6 Map Cragmont, Bkly. F W Foss Co vs Ferrier-Brock Development Co and Albert Nelson\$300.57
June 12, 1913—S THIRTY-NINTH 208.70 W Market W 40 S 116.97 NE 41.65 N 105.35, Okd. Sunset Lumber Co vs Dilly Ahtye and Rose Ahtye and Lassen Bros\$585.92
June 12, 1913—LOTS 38 AND 39 BLK 4699, Park View Tract No. 2, Piedmont. Brittain & Co vs Marion P Clement and Geo A Perkins....\$54.05

SAN JOSE AND THE SANTA CLARA VALLEY.

Building Contracts.

SANTA CLARA COUNTY.

No. 614 S-ELEVENTH, San Jose. Re-model and repair residence. Owner.....Mrs. E. Clark, Premises. Architect...None. COST, \$1000
No. 95 DUANE, San Jose. Four-room cottage. Owner.....C. Castellano, Premises. Architect...None. COST, \$600
W TWENTY-SIXTH near McKee Road, San Jose. Three-room addition to residence.

Owner.....Frank M. Rogers, Prem. Architect...None. Day's work. COST, \$900

NO. 15 S-SEVENTH, San Jose. Remodel front of store. Owner.....Mrs. M. Dristall, San Francisco. Architect...None. Contractor...H. DeSmed, 389 N-11th, San Jose. COST, \$150

W TENTH, 3rd Lot S of Julian, San Jose. Five-room cottage. Owner.....Mr. Brybody, E-San Jose. Architect...None. Contractor...G. T. Ahlman, 342 S-18th, San Jose. COST, \$1820

W TENTH, 4th Lot S Julian, San Jose. Five-room cottage. Owner.....Mr. Brybody, E-San Jose. Architect...None. Contractor...G. T. Ahlman, 342 S-18th, San Jose. COST, \$1820

FRESNO, MODESTO, STANISLAUS AND CENTRAL CALIFORNIA.

SCHOOL—2 story and base, brick. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. The School Board have approved the preliminary plans submitted by Architect Clark for the Niles street school and has called for bids on the construction. The building will contain eight class rooms, assembly hall, office and teachers' rooms. Interior will be finished in pine with maple floors. A central heating system will be installed. Plans provide for vacuum cleaning and program clocks. Exterior of the building will be faced with pressed brick. Plans can be secured from the architect.

SCHOOL REMODELING—Brick and frame construction. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Plans for remodeling the Bryant School, recently damaged by fire, have been approved by the Board of Education. The work will include a new composition roof, galvanized iron cornice, interior finish and plastering. Bids will be called for on the work shortly.

SCHOOL—1 story and base, brick, \$11,000. Hanford, Kings Co., Cal. Architects, Thayer & Doriot, Forsyth Bldg., Fresno. Owners, Hanford School District. The building will contain four class rooms and the principal's office. Interior will be finished in pine throughout. There will be a central heating system. Exterior of the building will be faced with pressed brick. Plans are nearly complete and bids will be called for within a few days. Plans can be secured from the architects.

PUMPING PLANT—Domestic service and fire service pumps. Cost not stated. Engineers, Sloan & Robson, Nevada Bank Bldg., S. F. Owners, City of Tulare. Plans for the O street pumping station are complete and bids for the equipment will be opened on July 7th. The equipment includes the following: Two domestic service pumps of 750 gallons per minute driven by two 60 h. p. motors, and two fire service pumps of 750 gallons per minute,

driven by two 10 h. p. motors. Plans can be secured from Sloan & Robson.

Contracts Awarded.

HOTEL—1 story and base, brick and steel, \$115,000. Modesto, Stanislaus Co., Cal. Architect, Ralph P. Morrell, Odd Fellows Bldg., Stockton. Owners, Crow and Hugin. Contractor, George Shannon, Modesto. This contract has been taken on a percentage basis. Plans are now being prepared and work will be started as soon as working drawings are completed.

CLUB HOUSE—3 story and base, brick and steel, \$35,507. Bakersfield, Kern Co., Cal. Architect, Thomas B. Wiseman, Producers' Bank Bldg., Bakersfield. Owners, Bakersfield Club. Contractor, D. Ashbury Evans, Fresno. Contract price, \$35,507.

SCHOOL ADDITION—2 story and base, reinforced concrete and brick, \$28,500. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Contractor, M. T. Kean, Bakersfield. Contract price, \$28,500.

STORES AND LODGE HALL — 2 story and base, brick, \$25,000. Bakersfield, Kern Co., Cal. Architect, J. M. Saffell, Bakersfield. Owner, C. L. Taylor. Contractor, Fred R. Gribble, Bakersfield. Contract price, \$25,000.

Building Contracts.

FRESNO COUNTY.

NE 1/2 OF LOTS 27 TO 32 BLK 144, Fresno. All work for two-story and basement store and hotel building. Owner.....Frank H. Short, Fresno. Architect...Edw. T. Foulkes, Fresno and Crocker Bldg., S. F. Contractor...Trehwitt & Shields, Fresno
Filed June 8, '13. Dated May 31, '13.
10th of each month..... 75%
Completion, remainder of 75%
Usual 35 days..... 25%

TOTAL COST, \$29,422

Bond, \$14,711. Surety, Maryland Casualty Co. Limit, 120 working days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES.

FRESNO COUNTY.

RECORDED ACCEPTED
June 10, 1913—LOTS 1, 2, 3 BLK 4, Englewood Add'n, Fresno. Frid S Turnbull to E P Smith...June 10, 1913
June 10, 1913—LOTS 31 AND 32 La Salle Tract, Montgomery Thomas to W Y Johnson.....June 6, 1913
June 11, 1913—LOT 18 & W 1/2 LOT 17 Blk 1 Mt. View Add'n, Fresno. Leo A Seibert to R C Blackwell..... June 2, 1913

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

Building Contracts.

MARIN COUNTY.

LOTS 1 AND 2 AND 1/2 LOT 3 SEC 2, Sequoia Park, San Anselmo. All work except interior painting for bungalow. Owner.....M. T. Fazackerley. Architect...Geo. A. Schastey, Monadnock Bldg., San Francisco. Contractor...Louis J. Deibel. Filed June 2, '13. Dated May 24, '13. Frame erected, roof on and en-

BUILDING AND INDUSTRIAL NEWS.

closed and plumbing roughed in 25%
 Exterior work completed, win-
 dow frames, etc., plastering
 done, ready for interior finish. 25%
 Completed and accepted. 25%
 Usual 35 days. 25%
TOTAL COST, \$1400
 Bond, none. Limit, 30 days from May
 26. Forfeited, none. Plans and speci-
 fications filed.

LOTS 50 AND 51 Map Culloden Park,
 San Rafael. All work for two-story
 frame residence.

Owner.....Wm. F. and Grace McD.
 Lamme, San Rafael.
 Architect...None.

Contractor...A. Macdonald, San Rafael.
 Filed June 5, '13. Dated June 5, '13.

Concrete foundation and frame
 of building completed\$1063
 Shingled and 1st coat plaster on 1053
 Completed and accepted. 1053
 Usual 35 days. 1053
TOTAL COST, \$4212

Bond, \$2106. Surety, A. Macdonald.
 Limit, 90 days from filing. Forfeited,
 none. Plans and specifications filed.

FOURTH STREET, San Rafael. All
 work for brick and frame store build-
 ing and garage.

Owner.....Frank Riede, San Rafael.
 Architect...J. A. Kappenmann Jr.
 Contractor...J. A. Kappenmann Jr., San
 Rafael.

Filed June 9, '13. Dated June 7, '13.
 1st payments 75%
 Balance \$700
TOTAL COST, \$2800

Bond, none. Limit, 40 days from Feb.
 10. Forfeited, none. Plans and speci-
 fications filed.

COMPLETION NOTICES.

MARIN COUNTY.

RECORDED ACCEPTED
 May 28, 1913—PICNIC VALLEY TCT.
 San Rafael. H C Martens to whom
 it may concern. May 15, 1913
 June 2, 1913—LOT "C" 50 ft. Lot 3
 Blk 1 Sub Blk 1, 2, A and B Lands
 of Sausalito Land & Ferry Co.
 Henry Cartan to whom it may con-
 cern. April 24, 1913
 June 6, 1913—LOTS 5 AND 6 BLK 3,
 Map 3, Belvedere Peninsula. Dr.
 Florence N Ward to R L Turner.
 May 27, 1913
 June 10, 1913—LOT 66 Ptn Lot 65,
 Yolanda Court, San Anselmo. Geo
 Breck to Wallace Landpher Co et
 al. June 6, 1913

Building Contracts.

CONTRA COSTA COUNTY.

LOTS 16 AND 17 BLK 11 OF THE
 Nichol-MacDonald Ave., Civic Center
 Tract, City of Richmond. Excavat-
 ing, concrete and cement work, brick
 work, plumbing, painting, plastering,
 carpenter work, electric work, roof-
 ing and all other work for frame and
 plaster structure.

Owner.....W. E. Cunningham, Rich-
 mond, California.
 Architect...James T. Marbette, Rich-
 mond, California.
 Contractor...A. M. Ebertson & Son,
 Richmond, California.

Filed June 9, '13. Dated May 27, '13.
 Frame completed\$695
 Ready for lathing. 695
 Ready for standing trim. 695
 Ready for acceptance. 695
 Usual 35 days. 927
TOTAL COST, \$3707

Bond, \$1853. Surety, National Surety
 Co. of New York. Limit, 90 days.
 Forfeited, none. Plans only filed.

SACRAMENTO, STOCKTON & NORTHERN CALIFORNIA.

STORES—1 story and base, brick,
 \$5,000. Stockton, San Joaquin Co., Cal.
 Architect, Ralph P. Morrell, Odd Fel-
 lows Bldg., Stockton. Owner, A. Wal-
 demeier. The building will be erected
 at the southwest corner of Market and
 Sacramento streets. There will be one
 store and a saloon. Interior finish will
 be of pine throughout. Plans provide
 for patent store fronts and metal win-
 dow sash and frames. Exterior of the
 building will be faced with pressed
 brick. The estimated cost does not in-
 clude saloon fixtures. Plans are being
 prepared.

Building Contracts.

SACRAMENTO COUNTY.

FRANKLIN UNION SITE, Sacramento.
 One-story frame and plaster interior
 and exterior school house; two class
 rooms; two anti-rooms and vestibule.
 Owner.....Trustees of Franklin Union
 School.
 Plans by...Geo. E. Miller (President
 Sacramento Home Bldrs.,
 Forum Bldg., Sacramento.
 Contractor...Hieb & Markisen.
 Filed June 11, '13. Dated June 4, '13.
COST, \$3299

E ½ OF LOT 5, I, J, 7TH AND 8TH
 Sts., Sacramento. Alter and remodel
 Windsor Hotel.
 Owner.....Annie M. Brown, 1031 H
 St., Sacramento.
 Lessee.....C. G. Flaherty, Premises.
 Architect...E. C. Hemmings, 1005 K
 St., Sacramento.
 Contractor...Ransome Concrete Co., 506
 F. and M. Bank Bldg., Sacra-
 mento.

Filed June 9, '13. Dated May 31, '13.
COST, \$19,700
NOTE:—\$7904 of which lessees agree
 to pay to owner.

LOTS 8, I, J, 5TH AND 6TH STS., Sacra-
 mento. Marble and tile work for
 Y. M. C. A. Building.
 Owner.....Young Men's Christian As-
 sociation, Sacramento.
 Architect...E. C. Hemmings, 1005 K
 St., Sacramento.
 Contractor...Ransome Concrete Co., 328
 J St., Sacramento.
 Sub-Contractor...H. P. Fischer Tile &
 Mantel Co., 318 North Cali-
 fornia St., Stockton.
 Filed June 12, '13. Dated June 5, '13.
COST, \$3637

ELK GROVE. Six-room and bath dwlg.
 Owner.....Mary E. Powell.
 Architect...Plans by Contractor.
 Contractor...G. E. Harvis, 2212 T St.,
 Sacramento.
 Filed June 5, '13. Dated June 2, '13.
COST, \$1430

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
 June 12, 1913—LOT 2 BLK 11 Maple
 Park, Sacramento. Harvey W
 Strader, Cornelius P Bandy and
 Hattie C Bandy to E E Syden-
 stricker June 11, 1913

LOS ANGELES AND SOUTH-ERN CALIFORNIA.

HOTEL—3 story and base, brick.
 Cost not stated. Los Angeles, Cal. Ar-
 chitects, Train & Williams, Exchange
 Bldg., L. A. Owner, Walter H. Fisher.
 Contractor, Alex Grant, 1002 Union Oil
 Bldg., L. A. Note: This contract has
 been taken on a percentage basis. Plans
 have not been completed but work will
 start within a few days.

CHURCH AND INSTITUTIONAL
BUILDING—1 story and base. Class A
 construction, \$100,000. San Pedro, Los
 Angeles Co., Cal. Architect, Thornton
 Fitzhugh, Pacific Electric Bldg., L. A.
 Owners, First Methodist Church of San
 Pedro. The project is still in the pre-
 liminary stage and details of construc-
 tion cannot be given at this time. The
 plan of the owners is to construct a
 building which will contain the church
 proper and dormitories, class rooms,
 gymnasium, library and auditorium.
 Construction will be fireproof through-
 out. Funds are now being raised. Fur-
 ther details will be given in these col-
 umns as the plans progress.

CHURCH—1 story and base, brick
 and steel, \$75,000. Long Beach, Los An-
 geles Co., Cal. Architect, H. M. Patter-
 son, O. T. Johnson Bldg., L. A. Own-
 ers, Congregational Church of Long
 Beach. Plans for this building show
 an attractive structure designed in the
 Gothic style and covering an area of
 100x150 feet. The church will contain
 a main auditorium seating 1,400 people
 and a Sunday school seating 500. Be-
 sides these two large rooms there will
 be 18 class rooms, parlors, library and
 pastor's study. Basement has been ar-
 ranged for dining rooms, social hall
 and junior department. Construction
 will be of brick with exterior faced
 with pressed brick. There will be a
 central heating system. Interior will
 be finished in pine and hardwood with
 ornamental plaster. Plans are being
 prepared.

WAREHOUSE—5 story and base, re-
 inforced concrete. Cost not stated. Los
 Angeles, Cal. Architect's name not
 given. Owners, City of Los Angeles.
 Plans for this building, which is to be
 erected on San Julian street, have been
 approved by the Board of Education
 and are now out for figures. Bids will
 be opened on June 28th. The building
 will cover an area of 75x90 feet. There
 will be reinforced concrete walls, floors
 and roof. Plans provide for elevator
 service, metal window sash and frames
 and fireproof doors. Exterior will be
 faced with cement plaster. Plans can
 be secured from the secretary of the
 Board of Education.

GARAGE—1 story and base, rein-
 forced concrete, \$12,000. Los Angeles,
 Cal. Architect, C. C. Rittenhouse, Wil-
 cox Bldg., L. A. Owners, Messrs. Bel-
 con and Jackson. The building has
 been designed for a commercial garage
 and will cover an area of 60x150 feet.
 Construction will be fireproof through-
 out with cement floor and reinforced

concrete walls. Plans provide for tall window sash and frames, special storage tanks and patent store fronts. The front of the building will be fitted for offices and is to be handsomely finished. Exterior will be faced with smooth plaster. Plans are complete and figures are being taken.

GARAGE—1 story and base, brick, cost not stated. Los Angeles, Cal. Architects, Kempel & Erkes, Henne Bldg., L. A. Owners, Schmidt Estate. The building will cover an area of 100x176 feet. There will be four stores besides the garage. Design is in the Old English style. There will be a concrete floor, copper store fronts, ruffled brick lining and granite base. A slate roof specified. Plans are nearly complete and bids will be called at once.

GARAGE—2 story and base, brick, cost not stated. Los Angeles, Cal. Architects, Morgan, Wallis & Morgan, Van Noy Bldg., L. A. Owner, H. W. O'Malley. The building will be erected at the corner of 12th and Figueroa streets and has been designed for a commercial garage. The building will cover an area of 60x150 feet. The first floor basement will be given over to storage space and offices. Upper floor will be fitted up for a modern machine shop. There will be special gasoline storage tanks. Interior finish will be of pine throughout. Exterior of the building will be faced with pressed brick. Plans are complete and figures will be called for at once.

HOTEL ADDITION—2 story, brick, cost not stated. Imperial, Imperial Co., L. A. Architects, Alfred W. Rea and Charles Garstang, Black Bldg., L. A. Owners, Hotel Imperial Co. The addition will be two stories high and covers an area of 44x135 feet. Plans provide for a store room, 24 guest rooms and baths. Interior finish will be of pine throughout. Hot and cold running water will be supplied to all rooms. Besides this addition plans will be made shortly for an arcade 13 feet wide and also of brick construction. Plans for the addition are complete and figures are being taken.

HOTEL—4 story and base, brick and tile. Cost not stated. Los Angeles, Cal. Architect, E. C. Thorne, Realty Bldg., L. A. Owner, L. I. De Hall. The building will be erected at the corner of Los Angeles and Commercial streets and will cover an area of 64x112 feet. There will be five stores on the first floor besides the entrance to the hotel. Upper floors will be subdivided into 100 guest rooms and a number of baths. Interior finish will be of pine. Bath rooms will have marble floors and tile wainscot. There will be steam heat, elevator service and hot water supply. Exterior of the building will be faced with pressed brick. Plans are complete and materials are now being purchased. The work will be done by Day Labor.

MESSING STATION—1 and 2 story and base. Class A and C construction, 22,000. Los Angeles, Cal. Architects, Johnson & Bergstrom, Security Bldg., L. A. Owners, Southern Pacific Co. The work was mentioned here last week. Working drawings for the building are complete and figures will be called for at once. The main portion of the building will be one story high and of the class A type, 220 feet long and 70 feet wide. Two, two story wings of the class C type will complete the building.

STORES AND OFFICES—12 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, Morgan, Wallis & Morgan, Van Noy Bldg., L. A. Owner, William C. Kerckhoff. The building will be erected at the northwest corner of 6th and Los Angeles streets and will cover an area of 121x150 feet. The first floor will be arranged for a number of modern stores and upper floors will be subdivided into about 150 offices. There will be a complete steel frame, exterior walls of brick faced with glazed terra cotta. Reinforced concrete floors will be used. Interior will be finished in pine, oak and marble. Metal window sash and frames are specified. Plans provide for steam heat, elevator service, a vacuum cleaning plant and mail chutes. Plans are nearly complete and figures will be called for shortly.

SCHOOLS—2, 2 story and base, brick. Cost not stated. Santa Monica, Los Angeles Co., Cal. Architects, Allison & Allison, Hibernian Bldg., L. A. Owners, Santa Monica School District. These buildings were mentioned here last week. Plans have been completed and approved, and bids will be opened by the Board of Education on June 23rd. One building will be erected on Central avenue and will contain six class rooms, and an auditorium. The other improvement will be in the nature of an addition to the Roosevelt School and will also contain six class rooms. There will be central heating systems in both buildings. Exteriors will be faced with ruffled brick. Plans can be secured from the architects.

SCHOOL—2 story and base, brick and steel, 135,000. Phoenix, Ariz. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, City of Phoenix. This building has been designed as a grammar school and will cover an area of 280x120 feet. Plans provide for 16 class rooms, an assembly hall, manual training and domestic science departments and offices. Hollow tile and metal lath and plaster partitions will be used. Interior finish will be of pine and hardwoods. Exterior will be faced with pressed brick. Plans have been approved by the School Board and bids are now being taken. Figures will be opened on July 6th.

APARTMENT HOUSE—4 story and base, brick, \$60,000. Pasadena, Los Angeles Co., Cal. Architects, Krucker & Deckbar, Ferguson Bldg., L. A. Owners, Charles Slade and S. S. Wood. The building will be erected on a corner site and has been arranged for ten three-room suites and thirty-five two-room suites. Interior finish will be of pine and hardwoods. Ornamental plaster will be used in the lobby and amusement rooms. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water plant. Bath rooms will be finished in cement plaster. All suites will have connecting baths and wall beds. Exterior of the building will be faced with pressed brick. Marble and tile will be used extensively. Plans are complete and figures are being taken.

LODGE HALL—3 story and base, brick and steel, \$40,000. Pasadena, Los Angeles Co., Cal. Architects, Foss Designing and Building Co., 100 East Colorado St., Pasadena. Owners, Pasadena Odd Fellows Temple Association. This work has been mentioned here before when the architect was first commissioned to prepare the plans. The basement will contain furnace

rooms and a banquet hall, first floor the lobby, parlors, library and offices. A large auditorium, lodge rooms and club rooms will occupy the second floor and the third floor will be arranged for living apartments for the members. There will be steam heat, elevator service and a vacuum cleaning system. Exterior of the building will be faced with stone. Plans are complete and bids will be opened on June 23rd.

SCHOOL—2 story and base, reinforced concrete and brick, \$66,000. Fullerton, Orange Co., Cal. Architects, Tuttle & Hopkins, Delta Bldg., L. A. Owners, Fullerton School District. All bids received for this work were above the appropriation and have been taken under advisement. The following bids were submitted: General Contract—George C. Condon, \$31,000; Sawtelle Building and Construction Co., \$58,196; Chas. Belts, Upland, \$59,275; Kling Co., \$59,572; Perkins & Holcomb, \$62,000; David Irvine, \$62,996. Plumbing—B. A. Fuller, \$2,453; Chas. Arndt, \$2,758; Conny & Winterbottom, \$2,800; J. F. Blair, \$2,806. Heating and Ventilating—Machinery and Electrical Co., \$4,573 and \$5,300; Cass-Smurr-Damerel, \$5,150; American Heating and Construction Co., \$5,229; E. D. Hough, \$5,860.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick, \$38,000. Los Angeles, Cal. Architects, M. S. Yeager & Co., Trust and Savings Bldg., L. A. Owner, Anna Baker. Contractors, Pozzo Construction Co., 431 Macy St., L. A. Contract price, \$38,000.

STORES AND OFFICES—14 story and base. Class A construction. Cost not stated. Los Angeles, Cal. Architects, J. Martyn Haenke and W. J. Dodd, Story Bldg., L. A. Owners, Home Builders. Contractor, J. R. McKnight, Bradbury Bldg., L. A. Contract price, \$26,000 for concrete foundations, retaining walls and footings.

ICE PLANT—1 and 2 story and base, reinforced concrete, \$22,000. San Fernando, Los Angeles Co., Cal. Engineers, Engineering Department Pacific Fruit Express, Pacific Electric Bldg., L. A. Owners, Pacific Fruit Express. Contractor, Carl Leonardt, H. W. Hellman Bldg., L. A. Contract price, \$22,000. Note: The contract has been taken with the condition that the owners furnish cement and electric work.

RESIDENCE—2 story and base, frame, \$15,000. Los Angeles, Cal. Architect's name not stated. Owner, S. P. Mulford. Contractor, D. W. March, 219 So. Lake Ave., Pasadena. Contract has been taken on a percentage basis.

RESIDENCE—2 story, attic and base, frame, \$32,000. Los Angeles, Cal. Architects, Hunt & Burns, Laughlin Bldg., L. A. Owner, Milton E. Getz. Contractors, Barber-Bradley Construction Co., 1824 East 15th St., L. A. Contract price, \$32,000.

SCHOOL—1 story and base, reinforced concrete. Cost not stated. Huntington Park, Los Angeles Co., Cal. Architects, Train & Williams, Exchange Bldg., L. A. Owners, Huntington Park School District. Contractor, C. S. McCully, general construction, \$20,780; A. Frank, plumbing, \$2,625; Litsinger & Bennett, wiring, \$663.40; W. G. Hutchison Co., lighting fixtures, \$100, and G. A. Jones, sidewalk work, \$632.10.



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5th and Brannan Streets

San Francisco

POWER PLANT ADDITIONAL UNIT
—Reinforced concrete, \$1,000,000. Long
Beach, Los Angeles Co., Cal. Engineers,
Southern California Edison Co. Con-
tractors, F. O. Engstrom Co., 5th and
Seaton Sts., L. A. Contract price, \$1,-
000,000. Note: This is the second unit
of this project, work on which has
been started.

Los Angeles Normal Bids Are Opened.

Alta Planning Mill Co. of Los Angeles
Are Low on Complete Work. Con-
tract Not Awarded.

Bids opened in Sacramento on Sat-
urday by the State Board of Control
for the construction of the Los Angeles
State Normal School group show Alta
Planning Mill Company, of Los Angeles,
low at \$499,885. No contract can be
awarded until a decision of the court is
made relative to the lowest bidder on
the work when first out for figures.
Plans for this work were prepared by
Architects Allison & Allison, of Los
Angeles. One building of the original
group is omitted.

Los Angeles State Normal School.
Alta Planning Mill Co., L. A. \$499,885
Southwestern Con. Co., L. A. 504,000
Lewis A. Hicks Co., S. P. 531,000
Los Angeles Planning Mill
Co., L. A. 535,500
C. J. Kubach Co., L. A. 537,900

PORTLAND AND OREGON.

WAREHOUSE—1 story and base, brick,
brick. Cost not stated. Portland, Ore.
Architect, Robert F. Teget, Swetland
Bldg., Portland. Owner's name with-
held. The building will be erected at
the corner of 14th and Burnside streets
and will cover a large area. Construc-
tion will be of the heavy mill type. In-
terior will be finished in pine for the
offices of the owners. Plans provide
for fireproof doors, metal window sash
and frames, elevator service and spiral
chutes. Exterior of the building will
be faced with stock brick. Plans are
now being prepared.

HOTEL—4 story and base, brick and
concrete, \$85,000. Salem, Ore. Architect,
Aaron Gould, Worcester Bldg., Port-
land. Owner, R. R. Ryan. The build-
ing will occupy an important business
corner and will cover an area of 160x
163 feet. There will be a number of
stores on the first floor besides the
hotel lobby and offices. Upper floors
will be subdivided into a large number
of guest rooms, offices and club rooms.

Plans provide for steam heat, elevator
service and hot water plant. Interior
finish will be of pine throughout. Bath
rooms will be wainscoted with tile.
The exterior of the building will be
faced with pressed brick. Plans are
now complete and figures are being
taken.

HOTEL—3 story and base, concrete
and brick, \$75,000. Springfield, Ore.
Architect, George Post, Salem. Owner,
D. S. Pabb. The building has been de-
signed for a modern commercial hotel.
The corner lot on which the building
will be erected covers an area of 100x
110 feet. The first floor will contain
stores, hotel lobby, offices and dining
rooms. Upper floors will be subdivided
into about 110 guest rooms, a number
of which will have connecting baths.
There will be steam heat and a hot
water plant. Interior finish will be of
pine throughout. Exterior of the
building will be faced with pressed
brick and cement plaster. Plans are
now being prepared.

OFFICES—8 story and base, rein-
forced concrete, \$85,000. Portland, Ore.
Architects, McNaughton & Raymond,
Concord Bldg., Portland. Owners,
Title and Trust Co. Contractors, Boya-
john-Arnold Co., Wilcox Bldg., Port-
land. This work has been mentioned
here several times before. The con-
tractors are now taking subfigures on
all parts of the work.

UNIVERSITY BUILDINGS—Brick
and steel construction. Cost not stated.
Corvallis, Ore. Architects, Bennes
& Hendricks, Portland. Owners, Ore-
gon Agricultural College. The first
work to be undertaken will be the
construction of a large structure which
will be built in three units. The first
of these, which is to be occupied by the
domestic science department, will be
the only part built at this time. This
will be three stories high and will cost
\$55,000. It will be of brick and mill
construction and equipped with the
Plenum system of heating and venti-
lating; all modern plumbing, etc. The
basement will have a cafe, kitchen
serving room and laundry and the
upper floors will be used expressly for
laboratory, including six for food
and cookies, and three large labora-
tories, 25x65, together with necessary
lockers, reading rooms, etc. The other
buildings to be built are the Art Sci-
ence building and the Administration
building. These are to be built later,
the cost of which will make a re-
quired expenditure of \$175,000. In ad-
dition to these buildings a gymnasium
will be built 26x159 in dimension, to
be erected at a cost of \$160,000, but
only one wing will be built at this
time which will cost \$60,000. This,

E. H. Williams

Chalmer Munday

Munday & Williams Attorneys-at-Law

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615 Phelan Building, San Francisco

too, will be of brick and mill construc-
tion and will have a gymnasium, 90x
150, a gallery and running track, a
swimming tank 50x100, four bowling
alleys and two hand ball courts.

OFFICE BUILDING—11 story and
base. Class A construction, \$900,000.
Portland, Ore. Architect, Engineering
Department Pacific Telephone and
Telegraph Co., New Montgomery St.,
S. F. Owners, Pacific Telephone and
Telegraph Co. This building has been
mentioned here a number of time be-
fore. Working drawings are now com-
plete and bids for the general con-
struction will be opened on July 1st.
Plans and specifications can be secured
from the New Montgomery street of-
fice. Construction will be fireproof
throughout. The general offices of the
company, mechanical department and
pay stations will occupy the first floor
and basement. Second floor will be de-
voted to the exchange room and upper
floors will be arranged for offices.
There will be steam heat, elevator
service, metal window sash and frames
and mail chutes. Marble and tile will
be used extensively. Exterior of the
building will be faced with pressed
brick and terra cotta.

SEATTLE AND WASHINGTON.

RESIDENCE—3 story and base,
brick and frame, \$100,000. Seattle,
Wash. Architects, Cutter & Malmgren,
Paulson Bldg., Seattle. Owner, C. D.
Stimpson. This work has been men-
tioned here before when plans were
first started. The dwelling will be
erected in Highlands and is to be one
of the most attractive homes in Seattle.
Interior will be finished entirely in
hardwoods. Baths will have tile floors
and wainscot. There will be a central
heating system, probably steam. The
exterior of the house will be faced
with pressed brick. Plans are com-
plete and the work is being done by
Day Labor.

APARTMENT HOUSE—3 story and
base, brick, \$35,000. Seattle, Wash. Ar-
chitect, James H. Schack, Lippy Bldg.,
Seattle. Owner, C. D. Stimpson. The
building will cover an area of 48x111
feet, and is to be arranged for three
suits of three rooms each and
twelve suites of two rooms. All apart-
ments will have wall beds and private
bath rooms. Interior finish will be of
pine throughout. Some hardwood floor-
ing will be used. Bath rooms will have
cement floors and tile wainscot. Ex-
terior of the building will be faced with
cement plaster and pressed brick.
Plans are complete and figures are now
being taken.

APARTMENT HOUSE—3 story and
base, brick, \$35,000. Seattle, Wash. Ar-
chitect, V. W. Voorhees, Etzel Bldg.

A reversible window that cost only 25 cents more than the common double hung.

Common Sense Window

Invented and manufactured by
L. H. BIRTH, 19th and Carolina Sts.,
also 110 Jessie St.

Seattle. Owner, Dr. G. H. Randell. The building will be erected on Highland Drive and has a frontage on that street of 66 feet and a depth of 70 feet. Plans show 22 apartments of three rooms and bath each. Interior finish will be of pine and white enamel. There will be steam heat, an automatic elevator and vacuum cleaning system. Bath rooms will be finished in cement plaster. A hot water plant will also be installed. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

CEMENT PLANT—Reinforced concrete construction, \$1,000,000. Bellingham, Wash. Engineers not selected. Owners, Puget Sound Cement and Lime Co., Seattle. The Puget Sound Cement and Lime Co., which was recently incorporated at \$2,500,000 for the purpose of manufacturing cement from deposits owned by the company on Orcas Island has purchased a site from C. H. Larralee just south of Bellingham, on which to erect a \$1,000,000 plant. Those behind the company are Hans Pederson, the contractor, Madison Block, Alex. Paulsen, Paulsen Bldg., Spokane, William Thaanum, of the Washington Savings and Loan Association, 819 2nd Ave., Geo. W. Allen, manager of the National Surety Co., Alaska Bldg., Victor C. Coxhead, Ronald Station, and C. P. Rissett, 914 24th Ave., N. All of Seattle. The plant to be erected, it is stated, will be one of the most modern on the Coast. The erection of this large plant like that of the Olympic Portland cement plant (Balfour-Guthrie interests), now completed, north of Bellingham, will be one of the big construction features of the year in this territory. Further mention of the

work will be made in these columns as the plans progress.

SCHOOL—1 story and base, reinforced concrete, \$25,000. Seattle, Wash. Architect, Edgar Blair, 901 7th Ave., Seattle. Owners, City of Seattle. Plans for the East Harrison street school have been approved by the Board of Education and bids will be opened on June 25th. The building will contain six standard sized class rooms and an assembly hall. Interior will be finished in pine with maple floors. There will be steam heat and a vacuum cleaning system. Bids are to be taken for the entire work including the heating and plumbing. Exterior of the building will be faced with cement plaster. Plans can be secured from the architect or from Reuben W. Jones, Secretary of the Board of Education.

GOVERNMENT TO AID IN CROP MOVEMENT.

WASHINGTON, June 12.—Secretary McAdoo said today that his statement announcing that \$500,000,000 of emergency currency would be forthcoming should banks need it, was made in response to numerous inquiries from bankers who were anxious to know whether additional currency would be available for crop movements.

MUNICIPAL BONDS DEFEATED.

PETALUMA (Cal.), June 11.—Money took an active part in today's city election. The proposition to issue municipal bonds in the sum of \$275,000 for the purchase and improvement of the plant of the Petaluma Power and Water Company was defeated by the voters 3 to 1.

BANKRUPTS FILE PETITIONS.

Petitions in bankruptcy were filed in the United States District Court last Wednesday by C. A. Scoville, an Oakland real estate dealer, whose liabilities are given as \$1438, and his assets as nothing; and Adolf Behr, a San Francisco landscape gardener, whose debts are given at \$382 and his assets as zero.

MASONS TO LAY CORNER STONE.

PLACERVILLE (El Dorado Co.), June 12.—El Dorado Commandery, No. 4, K. T., of this city, will go to Sutter Creek Saturday, by order of the Grand Commander, Knights Templar of California, to take part in the ceremonies of the Grand Lodge, F. & A. M., in laying the cornerstone of the Amador County High School. William P. Filmer, Most Worthy Grand Master, will perform the ceremony, and the Sir Knights will parade in full uniform.

PLAN EXTENSIVE ROAD WORK.

SUISUN (Solano Co.), June 10.—Owing to the lack of funds, but very little work has been done on the public roads of this county since January 1st last. However, with the beginning of the fiscal year on July 1st next the road fund will have been replenished and work on the highways will be resumed.

The first work on a large scale will be on the Vallejo-Sulphur Springs Road, where several miles will be macadamized at a cost of several thousand dollars.

Other important road work will be the building of two large concrete bridges in Benicia Township to replace worn-out wooden structures.

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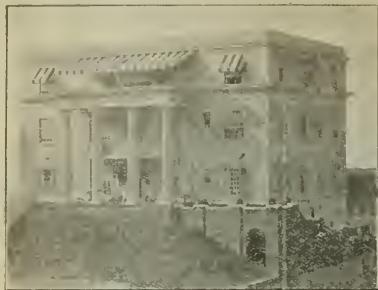
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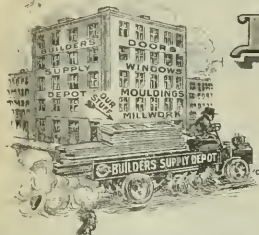
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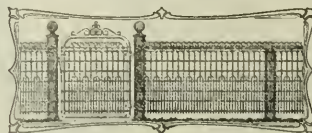
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— THIS WEEK'S ILLUSTRATIONS: —

New Building For Mission Dolores Church,
San Francisco. Designed By Architects Shea
& Lofquist, San Francisco.

Modern Apartment For Mr. Woods of San
Francisco. Designed By Architect C. S. Mc-
Nally. P. J. Lynch, General Contractor.

WEDNESDAY, JUNE 25, 1913.

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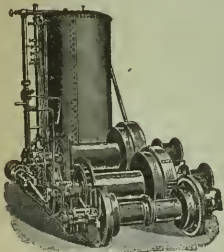
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Thirteenth Year No 25

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Editorial Comment.

Reports of building statistics from 65 different cities, made to the American Contractor, Chicago, show a slight aggregate gain in construction compared with the same month of last year. This in spite of the fact that New York and Chicago showed a very material decrease over last year. The sum total of the minor cities overcame this shortage, however, so that generally there was an aggregate increase of about 3 per cent. Particulars can be found in the following table:

City	May, 1913.	May, 1912.
	Cost.	Cost.
Akron	\$ 584,380	\$ 454,800
Albany	399,665	453,540
Atlanta	771,657	778,089
Baltimore	835,147	830,502
Birmingham	963,227	385,340
Boston	2,538,900	1,188,075
Bridgeport	249,672	.....
Buffalo	1,565,000	1,889,000
Cedar Rapids	293,000	160,000
Chattanooga	70,390	90,640
Chicago	8,925,500	10,373,200
Cincinnati	790,572	785,777
Cleveland	1,958,025	2,014,207
Columbus	613,338	507,122
Dallas	1,107,405	310,923
Denver	244,430	586,000
Detroit	3,900,645	2,088,075
Evansville	183,859	136,457
Fort Wayne	237,250	304,815
Grand Rapids	320,957	287,044
Harrisburg	124,050	239,025
Hartford	674,530	731,580
Indianapolis	1,088,479	841,895
Kansas City	1,129,660	1,446,705
Lincoln	113,485	131,095
Los Angeles	3,735,410	2,277,410
Manchester	206,917	201,658
Memphis	417,412	684,435
Milwaukee	1,391,591	1,244,849
Minneapolis	1,260,645	955,260
Nashville	117,275	156,444
Newark	1,683,705	1,290,469
New Haven	351,936	463,021
New Orleans	417,086	342,617

Manhattan	5,926,544	13,750,748
Brooklyn	3,091,270	4,722,274
Bronx	3,247,934	4,303,269
New York	12,265,748	20,776,291
Oakland	1,357,077	1,203,137
Omaha	477,000	590,020
Paterson	148,360	228,597
Philadelphia	4,170,095	3,996,785
Pittsburg	2,541,716	1,171,709
Portland	848,530	1,528,496
Richmond	292,651	507,030
Rochester	1,078,387	1,256,504
St. Joseph	90,525	161,615
St. Paul	1,072,968	936,063
St. Louis	1,392,655	1,983,853
Salt Lake City.....	240,775	399,025
San Antonio	275,156	573,604
San Francisco	2,713,415	3,153,910

Seranton	140,537	144,355
Seattle	683,380	738,110
Shreveport	158,070	123,153
Sioux City	159,135	183,172
South Bend	223,030	112,090
Spokane	1,776,066	892,660
Springfield	120,040	120,292
Tacoma	231,902	137,195
Toledo	479,930	1,392,054
Topeka	109,804	100,950
Troy	102,066	112,560
Washington	976,332	1,599,330
Wilkes Barre	53,256	158,808
Worcester	883,747	452,002

Total

Considering the fact that there is a general business depression and money is more or less hard to get, the general result for May shows a very good condition of business.

Building means an actual outlay of money and while the issuing of a permit does not necessarily mean that that much money is expended during the month still it shows that something has been started and usually that a considerable amount of money has been spent during the month. In spite of the cry of the alarmists and the threatened reduction of the tariff there is still something doing and the people are continuing to build houses and churches and business blocks.

The great German liner, the Imperator, has beaten the world's record for speed in crossing the Atlantic. On the third day's run her log showed a distance of 707 knots in the twenty-four hours, making an average of 29 1/2 knots for the time. The nearest approach to this was the record of the Mauretania in 1911, which recorded 676 knots for the same period of time.

The record of the great ship reminds the world of the ill fated Titanic, which raced to its doom under similar conditions a year ago on the fifteenth of April.

The great German liner is 900 feet long, 96 feet wide and has a displacement of 65,000 tons. She surpasses the Titanic by 5000 tons displacement and is said to be infinitely better constructed to withstand the effects of collisions such as the Titanic suffered.

As yet there seems to be no limit to the size of ships. Increased size seems to effect greater economy in transportation in the matter of handling freight and passengers and so far as results go in the matter of speed also. So far as safety goes the large vessels seem to be just as safe unless it be in the matter of handling them and even there it has not been demonstrated whether or not the limit has been reached. The modern steamship has certainly become the levithan of the ocean and one of the wonders of the deep.

HOME HARMONIC.

A New Spirit In Domestic Architecture.

By H. Bryant Newbold, Architect, Victoria, Courtesy Victoria Spokesman.

It is a matter for rejoicing that a change for the better is showing itself in our domestic architecture as in other things.

We are no longer satisfied with the mere outward expression of wealth, we prefer that refinement should be the prevailing sentiment of our homes, if we are wealthy then it is a matter for self congratulation and not for vulgar outward display. No longer do we wish to suggest the gold that is in our pockets by brass balls fixed outside our gateposts. A feeling is spreading amongst us that our homes should be places of rest, and nowhere is this feeling of a true home stronger than in this beautiful city of ours, Victoria. We have here all that could be desired in the way of natural beauty, but how in our past ignorance have we murdered it? We have not considered the suitability of our homes to their surroundings. We have thought of them as matters apart, and how utterly and miserably have we failed.

And now there has come a change. We now choose firstly our site and its surroundings and having done so we next consult our architect that we may have our ideas embodied in his design which must be a design which will harmonize with our chosen site and so become part of the landscape and natural scenery.

If we have chosen a rocky piece of land, then is it quite permissible that we have a house of an uneven outline and of a rocky exterior, but should the land be flat, we desire a house of a more formal type.

In one house which I designed in that most beautiful landscape garden, Uplands, the house was backed by a hill, which sloped rapidly away from the front. Consequently I did not design for such a site a stately tudor mansion or one of Georgian or colonial type, which should be placed upon a level site, but endeavored to make the house fit in with the surroundings by nestling it up against the hill and sloping the roof lines away from this hill whereas on the front, being the face seen from below, I have reared up a projecting vertical gable. The effect aimed at is as of a lily rocked upon the bosom of the stream, a phase of the loveliness of nature.

What is it that lends us to the old countries in thousands, year by year, and why do we find those old villages so calm and restful to us? What it is in them that make them so much more attractive than our brand new chess-board subdivision? Is it not that they are harmonious portions of nature?

In every man, however debased may be his surroundings, there is a desire at times for a return to nature. In witness one calls to mind the window box which in crowded cities is all that remains of a garden in consequence of our mad rush after wealth. No short-sighted have they been in other cities that though this is one of the largest countries in the world, individuals have been herded and allowed themselves to be herded together into small coned areas and as a consequence there is in many cases no portion of

the earth left around the dwelling save that which may be gathered in a window box and set upon the window sill. But that this herding together in contrary to nature and that the love of nature is still present in the heart of all is evidenced by the little pathetic window boxes. This being so, it behooves us to at least see that our homes, which should express the character of the inmate, express this conformity with nature.

On a flat site we endeavor to express this sentiment by horizontal rather than vertical lines. By horizontal eaves and porch lines and a low wide nature of the windows we can suggest the desire to spread ourselves out, the land being far and wide, rather than project ourselves up into the air as we should were we surrounded by trees and hills.

No climate could be more beautiful than ours, and that it is not one of extreme heat is one of its chief charms. We do not, therefore, require the shade caused by greatly projecting eaves. Neither in a country where a quantity of moisture falls to give bounteous increase to our mother earth do we require nor it is wise to have a pitched roof, and in no country do we wish to introduce a style of building because it has been found desirable in another, without regard to the surroundings or climatic conditions. Nothing could be more desirable in semi-tropical California than the true bungalow, but in Victoria it is an abortion and a deceit, and we all agree that we will have no more of it.

Therefore, I rejoice to see in the works of my colleagues, especially among the younger architects, a tract of a distinct tendency towards a national style. The traditional styles of the country of our origin, and be we from either side of the line this origin is the same, should form the foundation of our adaptation to the needs and requirements of the present day, and none can be found better for the purpose than the Elizabethan and Jacobean.

The reason for this is obvious. The domestic architecture of those periods was based on thoroughly sound and practical lines. It was not only especially well suited to the climatic conditions and to the natural characteristics of the country but the builders were compelled by force of circumstances to rely upon the local materials available. Thus it conformed to the fundamental principle of architecture.

There are, of course other matters which will appeal to the present day home builders. No style offers greater possibilities for the commodious and comfortable designing of the interior. Such a type of house may embody, as indeed it does, "all modern conveniences."

The new spirit of harmonizing our homes with our surroundings means that the days of servile copying are over and that a younger generation has arisen which is expressing in our homes all that is best in our lives.

THE NEW YORK COUNTY COURTHOUSE.

Mr. Guy Lowell, Architect.

A preliminary presentation of the successful design submitted by Mr. Guy Lowell, Architect, in the competition for the New York County Courthouse, is made in this issue. Mr. Lowell's departure in submitting a circular building has evoked much comment in the daily press, practically unanimous in approval of a design which is as much a success in its artistic interpretation of the problem as it is an innovation in the conception of buildings of this kind. Mr. Lowell has stated that the plan of the new courthouse is an outgrowth of the idea that the general scheme of the building should be such that all of the work can be carried on in the simplest and most straightforward manner. From whatever direction the building is approached, there is always an entrance that leads directly to the large circular lobby in its center, around which all the elevators are arranged in one continuous ring. Though monumental in its character and of most artistic design, in all its practical details it fulfills every requirement of the business building type.

The basement floor, through which the subway runs, follows in its circular plan that of the floor above it and the location of a subway station permits those who have business in the building to step from the subway platform directly onto the elevators which will take them to the desired floor.

A feature of the scheme is that there is separate elevator service for the public and for the justices. Once in the building, the judges and the public need never meet, as the passageways connecting the robing rooms, the justices' chambers, the study alcoves and the library are all absolutely separate from the public corridors. In the same way the juries in the various trial chambers are kept quite apart from the public.

On the ground floor, adjoining the entrance, are important offices of the County Clerk, the waiting rooms for the public and the general consultation rooms for the lawyers and also rooms for the representatives of the press.

On the floors above are arranged the court rooms. There is one complete floor for the city court and four floors for the Supreme Court. Above the court rooms are the library and dining rooms for the justices. Adjoining a broad terrace overlooking the city and harbor are the justices' chambers. Each court has communicating rooms for witnesses and for counsel, has a gallery for the public and is amply lighted both by windows on the outside and by windows in the interior light court. This arrangement is particularly advantageous as it provides in addition to the artificial ventilation ample natural ventilation and also adequate protection against street noises, which have been such a disturbing factor in most of our city courts.

In studying the plans of the various floors, we are impressed with the time-saving features that this circular form makes possible. The adoption of a circular building has produced an exterior of great dignity and one that is simple and impressive in the long unbroken curves—a feature in design not easily obtained in the broken lines of an irregular or rectangular building.

In its general style of architecture, this courthouse is typical of many of the old Roman buildings, for though it

is necessarily many stories high, the elements in the design, as in the buildings of the classic period, have been kept few in number. The actual height to the justices' terrace is 200 feet and the building itself covers about 120,000 square feet of ground, leaving ample space for park and terracing around the building and thus providing a dignified setting for a building which will undoubtedly become one of the architectural features of New York City.—The American Architect.

Firms desiring news on special classes of buildings, such as Banks, Churches, Schools, Hotels, etc., will find such items all classified and grouped under proper headings, commencing on this page. These same items are again repeated under "LOCALITIES" in the last part of our news department.

APARTMENT HOUSES.

SAN FRANCISCO—Apartment house, 5 story and base, reinforced concrete, \$35,000. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Jacob Vits, 825 Monadnock Bldg., S. F. The building will be erected on Leavenworth street south of Eddy and will have a frontage of 24 feet and a depth of 74 feet. The first floor has been arranged for a store and the entrance to the apartment house. Upper floors will be subdivided in 16 suites of two and three rooms each with bath. Interior will be finished in pine and elm panels. Bath rooms will have cement floors and tile wainscot. All suites will be equipped with wall beds. There will be elevator service, steam heat and a hot water supply. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

SAN FRANCISCO—Apartment house, 1 story and base, brick, \$20,000. Architect, Louis P. Hobart, Crocker Bldg., S. F. Owner, George A. Bos Co. This building will be erected on Green street west of Jones and will be arranged to contain four large and handsomely furnished apartments. Suites will consist of six and seven rooms. Interiors will be finished in pine and hardwoods. Bath rooms will be finished in tile. There will be an automatic elevator, steam heat, hot and cold water supply and vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are being prepared and it will be a matter of a month before figures are called.

SAN FRANCISCO—Apartment house, 3 story and base, frame, \$15,000. Architect, A. J. Bain, Russ Bldg., S. F. Owner's name withheld. The building will be erected near Haight and Fillmore streets and is to contain ten suites of three rooms and two suites of two rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and hardwood floors. Bath rooms will be finished in cement plaster and tile wainscot. Plans provide for steam heat and an automatic elevator. One large store will also be provided for on the first floor. The owner of the building is a well known contractor and the work will be done by Day Labor. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Apartment house,

3 story and base, frame, \$11,000. Architect, none. Owner, W. W. Yager, 1429 Hayes street, S. F. The building will be erected on Clay street west of Hyde and will cover an area of 32x93 feet. Interior has been arranged for twelve suites of two and three rooms each with bath. All apartments will be equipped with wall beds. Bath rooms will be finished in cement plaster. Interior finish will be of pine with some elm panels and hardwood floors. There will be a central heating system and hot and cold water supply. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

OAKLAND, CAL.—Apartment house, 3 story and base, frame. Cost not stated. Architect, none. Owners, Inter Cities Home Builders, 1764 Broadway, Oakland. This company are now erecting an apartment house containing eight suites of two and three rooms at the corner of 40th and Broadway. They are in the market for wall beds, bids on plumbing, plastering, electric work, painting, sash and door work, lumber, mill work and mirrors.

VANCOUVER, B. C.—Apartment house, 7 story and base, brick and steel, \$200,000. Architect, O. R. Lightheart, 2841 Burns St., Vancouver. Owner, O. R. Lightheart. The building is to be erected at the northwest corner of Bute and Nelson streets and will cover a considerable area. Interior has been arranged for two and three room apartments, all with bath. There will be disappearing beds. Interior will be finished in pine and hardwoods. Plans provide for steam heat, automatic elevator service, hot and cold water supply and a vacuum cleaning system. Bath rooms will be finished in tile and cement plaster. Exterior of the building will be faced with pressed brick. Plans are to be completed at once and the work will be done by Day Labor under the personal direction of the architect.

SAN FRANCISCO—Apartment house, 3 story and base, frame. Cost not stated. Architect, W. G. Hind, 46 Kearny St., S. F. Owner, Mrs. Sarah Plard. The building will be erected on Mason street south of Broadway, and has been designed to contain eleven apartments of four rooms and one apartment of six rooms. Interior finish will be of pine, redwood and hardwood veneer. Hardwood floors will be used. Plans provide for steam heat, which may not be installed at the present time. All suites will have

wall beds and private bath rooms. Baths will be finished in cement plaster. Marble and tile will be used in the entrance. Exterior of the building will be covered with suiplap and brick veneer. Plans are complete and figures are being taken.

OAKLAND, CAL.—Apartment house, 3 story and base, frame, \$30,000. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The building will be designed to contain twenty-four apartments arranged in suites of two and three rooms each. The building covers an area of 50x114 feet. Interior will be finished in pine with some hardwood floors. There will be a central heating system, wall beds and private bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SACRAMENTO, CAL.—Apartment house, 3 story and base, frame, \$17,000. Architect, William Willoner, 813 J St., Sacramento. Owner, A. G. Johnson. The building has been designed to contain twelve suites of three rooms and bath each. Interior finish will be of pine, redwood and some hardwood. There will be steam heat and an automatic elevator, dumb waiters, Simplex windows and disappearing beds. Bath rooms will be finished in cement plaster. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and will shortly be ready for figures.

HOLLYWOOD, LOS ANGELES CO., CAL.—Apartment houses, 2, 3 story and base, frame, \$70,000. Architects, Main Building and Investment Co., Thorpe Bldg., L. A. Owner, H. M. O'Malley. These buildings will be erected on adjoining property and in reality will be one large building and two wings. The main portion covers an area of 36x86 feet and the wings 36x76 feet. Interior will be arranged for two and three room suites with bath. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile and cement plaster. All suites will have private bath rooms and wall beds. Plans provide for a central heating system, elevator service and a vacuum cleaning plant. Exterior of the building will be covered with cement plaster. Plans are nearly complete and the work will probably be carried out by the Main Building and Investment Co.

LOS ANGELES, CAL.—Apartment house, 3 story and base, brick and steel. Cost not stated. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner's name withheld. The building will be erected at the corner of 12th and Figueroa streets, and will cover an area of 77x192 feet. Interior will be arranged for a total of 54 rooms divided into two three room suites with baths. There will be five stores on the first floor. Interior finish will be of pine with some hardwood. Plans include steam heat, a vacuum cleaning system and hot and cold water system. Bath rooms will be finished in tile and cement plaster. Exterior of the building will be faced with pressed brick. Plans are nearly complete.

PORTLAND, ORE.—Apartment house, 3 story and base, brick, \$30,000. Architect, D. L. Hogan, Lumber Exchange Bldg., Portland. Owner, A. S. Ellis. The building will be erected on

a corner lot and will cover an area of 50x100 feet. There will be 29 suites of two rooms and bath. Interior finish will be of pine with some hardwood veneer and floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Tile and marble will be used in the entrance. Bath rooms will be finished in cement plaster and tile wainscot. All suites will be equipped with wall beds. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

Contracts Awarded.

SEATTLE, WASH.—Apartment house, 3 story and base, brick and steel, \$35,000. Architect, James H. Schack, T. S. Lippy Bldg., Seattle. Owner, C. D. Stimpson Contractor, N. F. Allen, People's Bank Bldg., Seattle. Contract price, \$35,000.

BANKS.

STOCKTON, SAN JOAQUIN CO., CAL.—Bank and offices, 10 story and base, brick and steel, \$150,000. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, Commercial Savings Bank of Stockton. This work has been mentioned here before when plans were first prepared. Working drawings have been completed and bids are now being taken. The building is to be erected at the corner of Main and Sutter streets and will be the most modern office building in the city. The entire first floor and basement will be occupied by the bank. Upper floors will be subdivided into modern offices. Construction will be fireproof. Interior will be finished in pine, marble and hardwoods. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. Exterior of the building will be faced with pressed brick and terra cotta. Plans can be secured from the architects.

BANDON, ORE.—Bank, 2 story and base, reinforced concrete. Cost not stated. Architect, Benj. Otland, Marshfield. Owners, First National Bank of Bandon. The building is designed in the classic style. First floor will be arranged for one store besides the bank. Upper floors will be subdivided into modern offices. Interior of the banking rooms will be finished in pine and ornamental plaster. There will also be ornamental iron and bronze. There will be a central heating system. Exterior of the building will be faced with cement plaster.

SEATTLE, WASH.—Bank, 3 story and base, brick, \$20,000. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Broadway State Bank. The building will be erected on Broadway and East Pike streets. The entire first floor and basement will be occupied by the bank. Upper floors will be arranged for offices. Interior finish of the banking rooms will be of hardwood, marble and tile. Upper floors will be finished in pine. Plans provide for a steam heating system, safe deposit vaults and coin vaults. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BRIDGES AND DAMS.

SAN JOSE, SANTA CLARA CO., CAL.—Bridges, 2, reinforced concrete bridges, \$25,000 and \$8,000. Engineer,

City Engineer Irving J. Ryder, San Jose. Owners, City of San Jose. At the last meeting of the Council plans were ordered prepared for two reinforced concrete bridges. One will cost in the neighborhood of \$25,000 and the other about \$8,000. Plans will be completed in about two weeks.

PALMDALE, LOS ANGELES CO., CAL.—Dam, reinforced concrete. Cost not stated. Engineers, Allin & Allin, 65 North Raymond Ave., L. A. Owners, Palmdale Water Company. The dam will be erected on Little Rock Creek, and will be 300 feet long, 60 feet high, and is designed to impound water to irrigate 3,500 acres. Plans are also being prepared for two similar dams which will be erected higher up in the same canyon. Plans for the first dam are nearly complete and figures will be called for shortly.

CEDAR RIVER, WASH.—Dam, reinforced concrete, \$800,000. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids opened for the construction of the Cedar River dam show Nettleton, Bruce & Eachbach of Seattle low at \$687,110. The contract for the work will probably be awarded to them.

Contracts Awarded.

SAN JOSE, SANTA CLARA CO., CAL.—Bridges, concrete and frame. Cost not stated. Engineer, County Surveyor J. G. McMillan, San Jose. Owners, Santa Clara County. Contractor, W. H. Otto, 290 Park Ave., San Jose. Contract price, \$11,756.

WILLOWS, GLENN CO., CAL.—Bridges, concrete and frame. Cost not stated. Engineer, County Engineer Styles, Willows. Owners, Glenn County. The Board of Supervisors of Glenn County have awarded a contract for the bridge on Slough No. 2, a steel and concrete structure, to Jenkins & Wells, 36th and Y streets, Sacramento, for \$2,935. Concrete and steel bridge over Slough No. 3 to the Chico Construction Co. for \$1,645. A steel and concrete bridge over slough north of Biggs road on Butte Creek to the Chico Construction Co. for \$1,285.

OAKLAND, CAL.—Solid fill. Cost not stated. Engineer, Engineering Department Key Route System. Contractors, Daniel Contracting Co., 503 Market St., S. F. Contract price, \$500,000. The Daniel Contracting Co. has been awarded a contract for the solid fill from the Oakland shore line to the bulkhead line, a distance greater than half the length of the present Key Route pier. The contract price is stated to be \$500,000.

REXFORD AND COLUMBIA FLASS, WASH.—Bridges and snow sheds, \$700,000. Engineer, Engineering Department Great Northern R. R. Owners, Great Northern R. R. Company. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, \$700,000.

CHURCHES.

LOS ANGELES, CAL.—Church. Class A construction, \$150,000. Architects, Goodhue & Ferguson, Boston. Owners, St. Paul's Pro-Cathedral. B. G. Goodhue is now in Southern California with Bishop Johnson and is going over the details for the construction of a new church edifice on Olive street between 5th and 6th streets. Working drawings will be started as soon as Mr. Goodhue returns east. Further mention of the work will be made in these columns.

LOS ANGELES, CAL.—Church. Class A construction, \$200,000. Architects, Imbs & Comes, St. Louis, Mo., Owners, St. Vincent's Catholic Church. This new edifice will be erected at the corner of West Adams and Figueroa streets. It is reported that E. L. Dohy has donated \$130,000 towards the construction and that the balance of the \$200,000 is already assured. Father Glass and one of the architects will make a tour of Europe before the designs for the building are started. Further mention of the work will be made in these columns.

Contracts Awarded.

VACAVILLE, SOLANO CO., CAL.—Church, 1 story and base, reinforced concrete. Cost not stated. Architect, L. M. Turton, Napa. Owners, Vacaville Episcopal Church. Contractor, George M. Sharpe, Vacaville. Contract price not stated.

FACTORIES & WAREHOUSES.

SEATTLE, WASH.—Warehouse, 2 story and base, brick, \$30,000. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owners, Goertz Schwabacher Land Co. The building will cover an area 120 feet square. Plans are complete and separate figures are being taken for the general construction and for the heating and plumbing. Interior will be left rough. Plans provide for a cement floor, metal window sash and frames and fireproof doors. Exterior will be faced with stock brick.

Contracts Awarded.

SEATTLE, WASH.—Factory, 2 story and base, steel and concrete, \$22,000. Architect, none. Owners, Great Western Smelting and Refining Co. Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price, \$22,000.

VANCOUVER, B. C.—Factory, 7 story and base, brick and concrete. Cost not stated. Architects, Dalton & Eveleigh, Davis Chambers, Vancouver. Owners, John Leckie & Co. Contractor, George Snider Brethour, Dominion Bldg., Vancouver. Contract price not stated.

FIRE HOUSES AND JAILS.

SAN FRANCISCO—Police station, 2 story, brick and stone, \$35,000. Architect, Architectural Department, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show O. C. Hall low on the general construction of the Harbor Police Station at approximately \$31,000. A complete list of all bids opened will be found in this issue under the heading of San Francisco.

FLATS.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,400. Architect, none. Owner, G. Cosco, 135 Pfeiffer St., S. F. The building will cover an area of 27½x45 feet, and has been designed to contain four small flats of four rooms and bath each. Interior finish will be of pine and redwood. Tile will be used in the bath rooms and kitchens. Thirty-gallon boilers will be installed. Exterior of the building will be covered with rustic and shiplap. Gas grates or open fire places will be used in the living rooms. Mantels will probably be of tile. Plans are complete

and in the hands of the owner who will do the work by Day Labor.

SAN FRANCISCO—Flats, 4, 2 story and base, frame, \$5,000 each. Architect, Herbert A. Schmidt, Royal Insurance Bldg., S. F. Owner, C. J. U. Koenig, 520 Eureka St., S. P. These buildings will be erected on the north side of Broadway west of Hyde street. Each building will have a street frontage of 22 feet 11 inches and will extend back 60 feet. Interiors have been arranged for flats of five and six rooms with bath. Pine, oak and veneer trim will be used. Hardwood floors are specified in the principal rooms. There will be open fire places and brick and tile mantels. Bath rooms will be finished in cement plaster. Tile will be used in the bath rooms. Exteriors will be covered with rustic, cement plaster on metal lath and with veneer brick. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

SAN FRANCISCO—Flats, 3 story and base, frame, \$8,500. Architect, none. Owners, Jos. Tufo and P. Tufo, 1437 Kearny St., S. F. The building has been designed to contain nine flats of four rooms and bath each. The structure will cover an area of $37\frac{1}{2} \times 60$ feet, and is to be erected on Kearny street near Filbert. Interior finish will be of pine and redwood. Some oak floors will be used. Exterior of the building will be covered with rustic and ship-lap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

SAN FRANCISCO—Flats, 2 story and base, frame, \$3,860. Architect, William Koenig, 750 Parnassus Ave., S. F. Owner, M. Hewitt, Stockton. The building will be erected at the corner of Parnassus avenue and 4th, and has been arranged to contain two modern flats of five and six rooms each with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will be finished in cement plaster. Tile will be used in the kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor under the direction of Mr. Koenig.

Contracts Awarded.

SAN FRANCISCO—Flats, 2 story and base, frame, \$8,000. Architect, John J. Foley, 46 Kearny St., S. F. Owner, E. Prat. Contractor, Louis Metter, S. F. Contract price, \$8,000.

GOVERNMENT WORK AND SUPPLIES.

Weather Stripping, Fort D. A. Russell. The bid of the Denver Metal Weather Strip Co., of Denver, Colo., \$1,092.13 in amount, has been accepted for 14,561 feet metal weather stripping for Fort D. A. Russell, Wyo.

Excavation for Reclamation Service. Tabulation of bids for excavation of Canyon Division Canal, Grand Valley project, Colo., opened at Grand Junction, Colo., U. S. Reclamation Service. Bid 1. Reynolds-Bly Construction Co., Springfield, Utah.

2. W. O. & S. E. Morrison, Denver, Colo.

3. Killpatrick Bros., Beatrice, Neb.

4. John J. Lumsden & Co., Grand Junction, Colo.

5. Hewitt & Felch, Oakdale, Cal.

Schedule 1—Station 1 to Station 45.
Item 1. 90,500 cubic yards excavation, class 1—Bid 1, 18c; 2, 18½c; 3, 25c; 4, 37c.

Item 2. 1,500 cubic yards excavation, class 2—Bid 1, 48c; 2, 55c; 3, 90c; 4, 65c.

Item 3. 1,000 cubic yards excavation, class 3—Bid 1, 98c; 2, 98c; 3, 90c; 4, \$1.

Item 4. 950,000 cubic yards overhaul—Bid 1, 1¼c; 2, 1.6c; 3, 1¼c; 4, 2c.

Item 5. 1,500 cubic yards riprap—Bid 1, \$2.25; 2, \$3.90; 3, \$3.50; 4, \$6.

Totals—Bid 1, \$35,615; 2, \$39,957.50; 3, \$43,700; 4, \$63,460.

Schedule 2—Station 45 to Station 87.

Item 6. 54,500 cubic yards excavation, class 1—Bid 1, 18c; 2, 18½-10c; 3, 25c; 4, 37c.

Item 7. 1,600 cubic yards excavation, class 2—Bid 1, 48c; 2, 58c; 3, 45c; 4, 65c.

Item 8. 1,000 cubic yards excavation, class 3—Bid 1, 98c; 2, \$1.10; 3, 90c; 4, \$1.

Item 9. 140,000 cubic yards overhaul—Bid 1, 1¼c; 2, 1.8c; 3, 1¼c; 4, 2c.

Item 10. 200 cubic yards riprap—Bid 1, \$2.25; 2, \$4; 3, \$3.50; 4, \$6.

Totals—Bid 1, \$14,108; 2, \$15,648.50; 3, \$18,045; 4, \$26,205.

Schedule 3—Alternate A—Station 134 Plus 80 to Station 150.

Item 11a. 41,000 cubic yards excavation, class 1—Bid 1, 18c; 2, 18½-10c 3, 25c; 4, 37c.

Item 12a. 500 cubic yards excavation, class 2—Bid 1, 48c; 2, 58c; 3, 45c; 4, 65c.

Item 13a. 500 cubic yards excavation, class 3—Bid 1, 98c; 2, \$1.15; 3, 90c; 4, \$1.

Item 14a. 213,000 cubic yards overhaul—Bid 1, 1¼c; 2, 1.6c; 3, 1¼c; 4, 2c.

Totals—Bid 1, \$11,305; 2, \$12,022; 3, \$14,120; 4, \$20,255.

Schedule 3—Alternate B—Station 134 Plus 80 to Station 150.

Item 11b. 41,000 cubic yards excavation, class 1—Bid 1, 18c; 2, 18½-10c; 3, 25c; 4, 37c.

Item 12b. 500 cubic yards excavation, class 2—Bid 1, 48c; 2, 58c; 3, 45c; 4, 65c.

Item 13b. 500 cubic yards excavation, class 3—Bid 1, 98c; 2, \$1.15; 3, 90c; 4, \$1.

Item 14b. 1,000 cubic yards overhaul—Bid 1, 1¼c; 2, 1.6c; 3, 1¼c; 4, 2c.

Item 15b. 21,000 cubic yards material loaded into cars—Bid 1, 10c; 2, 11c; 3, 25c; 4, 35c.

Totals—Bid 1, \$10,255; 2, \$10,940; 3, \$12,365.

Schedule 4—Station 150 to Station 209 Plus 50.

Item 16. 137,000 cubic yards excavation, class 1—Bid 1, 18c; 2, 18½-10c; 3, 25c; 4, 37c; 5, 28c.

Item 17. 3,000 cubic yards excavation, class 2—Bid 1, 48c; 2, 55c; 3, 45c; 4, 65c; 5, 45c.

Item 18. 2,400 cubic yards excavation, class 3—Bid 1, 98c; 2, \$1.15; 3, 90c; 4, \$1; 5, \$1.

Item 19. 825,000 cubic yards overhaul—Bid 1, 1¼c; 2, 1.5c; 3, 1¼c; 4, 2c; 5, 2c.

Item 20. 100 cubic yards riprap—Bid 1, \$2.25; 2, \$4.25; 3, \$3.50; 4, 6; 5, \$3.50.

Totals—Bid 1, \$41,052; 2, \$42,692; 3, \$50,485; 4, \$72,140; 5, \$58,560.

Schedule 5—Station 229 to Station 242.

Item 21. 27,000 cubic yards excavation, class 1—Bid 1, 18c; 2, 18½c; 3, 25c; 4, 37c; 5, 26c.

Item 22. 3,000 cubic yards excavation, class 2—Bid 1, 48c; 2, 55c; 3, 45c; 4, 65c; 5, 45c.

Item 23. 600 cubic yards excavation, class 3—Bid 1, 98c; 2, \$1.10; 3, 90c; 4, \$1; 5, \$1.

Item 24. 25,000 cubic yards overhaul—Bid 1, 1¼c; 2, 1.8c; 3, 1¼c; 4, 2c; 5, 2c.

Item 25. 100 cubic yards riprap—Bid 1, \$2.25; 2, \$4; 3, \$3.50; 4, \$6; 5, \$3.50.

Totals—Bid 1, \$7,488; 2, \$8,155; 3, \$9,365; 4, \$13,640; 5, \$9820.

Grand totals (including alternate A, Schedule 3)—Bid 1, \$109,568, all or none; 2, \$118,115, all or none or first four; 3, \$135,715, all or none; 4, \$195,700, all or none except as provided in section 43; 5, both or none.

Fort Russell, Wyo., Remodeling Bakery

The following bids were received by the constructing quartermaster, U. S. Army, Fort D. A. Russell, Wyo., for remodeling bakery building No. 266 at that post:

W. J. Wilsack & Curtis A. Inman, Cheyenne, Wyo., \$6,400.

Howard & Woolf, Cheyenne, Wyo., \$4,155.

Archie Allison, Cheyenne, Wyo., \$6,150.

Edward Kress, Denver, Colo., \$5,715.

R. N. La Fontaine, Cheyenne, Wyo., \$5,230.

Fence, Fort Baker.

The contract for constructing 8,000 feet woven wire fence at Fort Baker, Cal., has been awarded to Max Geist construction Co., San Francisco, Cal., at \$1,675, under alternate B.

Y. & D. Towers.

The following bids were received by the chief of the bureau of yards and docks, Navy Department, Washington, D. C., for constructing steel towers for high-power radio station to be erected at Calmito, Canal Zone:

Item 5, net price for 3 600-ft self-supporting steel towers erected on foundations provided by the Government; item 6, net price for 3 600-ft self-supporting steel towers erected, complete, with foundations.

Penn Bridge Co., Washington, D. C., item 5, \$112,250; 6, \$126,200.

United Steel Products Co., 30 Church street, New York city, item 5, \$141,000; add 7.23c or deduct 7.23c; alternate, \$119,880; add or deduct 7.5c.

Des Moines Bridge and Iron Co., 806 Curry Bldg., Pittsburgh, Pa., item 2, \$150,349; 5, \$129,905; 4, foundations, \$10, excavation, \$1.75; steel, per lb, 6.65c.

Federal Telegraph Co., Merchants' Exchange, San Francisco, Cal., item 5, \$149,000; 6, \$191,000.

San Francisco, U. S. M. H., Wiring.

The following bids were received June 9 by the Supervising Architect, Treasury Department, Washington, D. C., for installing a conduit and wiring system in the U. S. marine hospital, San Francisco, Cal.:

General Electric Construction Co., San Francisco, Cal., \$3,385; time, July 30, 1913.

Standard Electric Construction Co., San Francisco, Cal., \$2,874; time August 9, 1913.

Decker Electric Construction Co., San Francisco, Cal., \$2,725; time, 45 days.

Newbury-Bendheimer Electric Co., San Francisco, Cal., \$3,400; 100 days.

McPee Electric Co., San Francisco, Cal., \$3,090; 85 days.

H. S. Tittle, San Francisco, Cal., \$3,159; 35 days.

Sacramento, Cal., P. O. Screens.

The following bids were received by the Supervising Architect, Treasury Department, Washington, D. C., on June 3, for installing door and window screens in the U. S. post office and court house at Sacramento, Cal.:

G. C. Martin & Son, Sacramento, Cal., \$2,065.

W. B. Rohl, Sacramento, Cal., \$3,804.

C. J. Matthews, Sacramento, Cal., \$4,100.

Pearl Harbor, Hospital Building.

No action has yet been taken regarding the award of the contract for the construction of naval hospital buildings at Pearl Harbor, H. T., under bids opened May 10.

HALLS & SOCIETY BLDGS.

PORTLAND, ORE.—Lodge hall, 2 story and base, brick and steel, \$60,000. Architects, Clausen & Clausen, MacIsay Bldg., Portland. Owners, Turn Verein Association. This work has been mentioned here before when the architects were first commissioned to prepare plans. Working drawings are now complete and figures are being taken. The building will contain a number of meeting rooms, social halls and a large gymnasium. Interior will be finished in pine and hardwoods. There will be steam heat and a hot water system. Exterior will be faced with pressed brick.

LOS ANGELES, CAL.—Music hall, 1 story and base, reinforced concrete, \$100,000. Architect, Myron Hunt, Hibernian Bldg., L. A. Owners, Pomona College. The building will be erected on the grounds of the Pomona College and will be arranged for a large auditorium seating 1,000 people, ten studios and twenty practice rooms. Construction will be fireproof throughout. Interior finish will be of oak. A tile roof will be used. Exterior of the building will be faced with cement plaster. Plans are also being prepared for an art building, similar in construction, which will cost in the neighborhood of \$12,000. Plans will be completed and bids will be called for about September 1st.

SACRAMENTO, CAL.—City Hall remodeling, brick and steel construction, \$25,000. Architects, Seadler & Hoen, Forum Bldg., Sacramento. Owners, City of Sacramento. Plans are nearly complete for remodeling the City Hall building. A number of offices will be enlarged, new plastering, painting and plumbing installed and the interior of the building generally improved. Bids will be advertised for within the next week or ten days. Considerable cabinet work is all to be done.

Contracts Awarded.

SAN FRANCISCO—City Hall steel work. Cost not stated. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Contractors, United States Steel Products Co., St. Louis. Contract price, \$176,783.

HOSPITALS.

SAN FRANCISCO—Hospital additions, etc., reinforced concrete construction. Cost not stated. Engineer, Consulting Quartermaster, Fort Mason. Owners, United States Government. The following contracts for work at the Letterman General Hospi-

tal, Presidio of San Francisco, have been awarded by the Constructing Quartermaster's office at Fort Mason, Capt. Walton, officer in charge:

Disinfecting and Sterilizing Building—Neil A. McLean, general construction, \$16,100; Burnham-Plumbing Co., plumbing, \$1,280; Burnham Plumbing Co., steam main, \$441. Total, \$18,124.

Addition to Detention Ward—Neil A. McLean, general construction, \$13,600; Burnham Plumbing Co., plumbing, \$1,965; Burnham Plumbing Co., heating, \$141; W. L. Tittle, electric wiring, \$385; W. L. Tittle, fixtures, \$159. Total, \$16,520.

Hydrotherapeutic Ward—Neil A. McLean, general construction, \$13,000; Burnham Plumbing Co., plumbing and apparatus, \$5,969; Burnham Plumbing Co., heating, \$559; W. L. Tittle, electric wiring, \$390; W. L. Tittle, fixtures, \$165. Total, \$20,177.

Nurses' Dormitory—Neil A. McLean, general construction, \$15,700; Burnham Plumbing Co., plumbing, \$1,800; Burnham Plumbing Co., heating, \$828; W. L. Tittle, electric work, \$518; W. L. Tittle, fixtures, \$215. Total, \$19,071.

LOS ANGELES, CAL.—Hospital, 4 story and base, reinforced concrete. Cost not stated. Architects, Garrett & Farrell, Carrier Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson, and will cover an area of 60x141 feet. This building will be known as the administration building, and it is planned to eventually add two wings, each four stories in height and each 155x136 feet. Construction will be fireproof throughout with interior partitions of hollow tile and metal lath and plaster. Exterior walls and floors will be of reinforced concrete. Exterior will be faced with cement plaster. Interior will be finished in pine, marble and tile. There will be steam heat, elevator service, dumb waiters and modern hospital plumbing. Plans are nearly complete.

Contracts Awarded.

OXNARD, VENTURA CO., CAL.—Hospital, 2 story and base, brick and steel, \$55,000. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. Contractor, Thomas Carroll, Oxnard, general construction only. Contract price, \$42,000.

HOTELS.

SAN FRANCISCO—Hotel, 7 story and base, Class C construction. Cost not stated. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. Preliminary plans for a seven-story hotel building, which is to be erected in the Fifty Yards District, are complete and working drawings are being prepared. The building will contain in the neighborhood of 170 rooms, a number of which will have connecting baths. Plans provide for steam heat, elevator service and a vacuum cleaning system. Exterior will probably be faced with pressed brick. Plans are now being prepared.

OAKLAND, CAL.—Hotel, subfigures, 5 story and base, brick and steel. Cost not stated. Architects, none. Owners, Inter-Ottics Home Builders, 1761 Broadway, Oakland. This firm are now in the market for lumber, brick work, plumbing, painting, plastering, electric work, structural iron and sheet metal work for a five-story hotel building.

OAKLAND, CAL.—Hotel, 7 story and base, brick and steel. Cost not stated. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. This building will be erected at the northeast corner of 13th and Franklin streets, and will be arranged for stores on the first floor and guest rooms above. Interior will be finished in pine and hardwood. All rooms will have connecting baths. Bath rooms will be finished in cement plaster and tile. There will be steam heat, elevator service, and a vacuum cleaning plant. Exterior of the building will be faced with pressed brick. Plans for the steel work are complete and figures are being taken. Plans will be out for figures on the balance of the work within a short time.

BURLINGAME, SAN MATEO CO., CAL.—Hotel, 3 story and base, frame, \$10,000. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Peter L. Liberopolis. The building has been designed for a rooming house containing 46 rooms and several baths. Interior finish will be of pine and redwood. Bath rooms will be finished in cement plaster. Exterior of the building will be covered with shiplap and rustic. Hot water will be supplied to all rooms. Plans are complete and figures are being taken.

PLACERVILLE, EL DORADO CO., CAL.—Hotel, 2 story addition, brick and steel. Cost not stated. Architect, J. E. Osborn, Richmond. Owner, J. A. Paffetto, Ivy House, Placerville. The two additional stories will be arranged for a number of guest rooms and baths. Interior finish will be of pine throughout. There will be a central heating system and hot water plant. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architects, Neher & Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. The building will be erected on Hope street near 8th, and will cover an area of 60x125 feet. Plans provide for a total of 95 guest rooms and 60 baths. Interior will be finished in pine and white enamel. Bath rooms will have cement floors and tile wainscot. There will be metal lath and plaster interior partitions and metal window frames and sash. Steam heat, elevator service and vacuum cleaning will be installed. Hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with artificial stone. Marble and tile will be used in the entrance. Plans are complete and figures will be called for at once.

LOS ANGELES, CAL.—Hotel, 4 story and base, brick and steel. Cost not stated. Architect, E. C. Thorne, Realty Board Bldg., L. A. Owner, I. I. De Hall. This building has been mentioned here before when plans were first started. The building will cover an area of 60x100 feet and has been arranged for five stories on the first floor besides the entrance to the hotel. Upper floors will be subdivided into 100 guest rooms and a number of baths. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick. Plans are now complete and figures are being taken.

PORTLAND, ORE.—Hotel, 3 story and base, brick and steel. Cost not stated. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, Fisher and Thomsen. The building will be located at the southwest corner of Landslide and Washington streets, and will cover an area of 100x100 feet. Plans are to be prepared for a building with several stores on the first floor besides the entrance to the hotel. Upper two floors will be arranged for single rooms, a number of which will have connecting baths. There will be steam heat and hot and cold water in all rooms. Interior finish will be of pine throughout. Patent store fronts are to be specified. Exterior of the building will be faced with pressed brick. Plans will be prepared at once.

Contracts Awarded.

PORTLAND, ORE.—Hotel, 4 story and base, brick. \$75,000. Architects, Root & House, Commercial Club Bldg., Portland. Owner, A. C. Pike. Contractors, Investors Building and Trust Co., Yeon Bldg., Portland. Contract price, \$75,000.

LOS ANGELES, CAL.—Hotel, 2 story and base, brick. Cost not stated. Architect, John E. Kunst, Higgins Bldg., L. A. Owner, Henry J. Stevens. Contractor, J. N. Connors, 415 East 5th St., L. A. Contract price not stated.

PANAMA - PACIFIC EXPOSITION WORK.

SAN FRANCISCO.—Pile foundation work, Main Entrance Tower. Cost not stated. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids for the pile foundation for the Main Entrance Tower were opened by the Buildings and Grounds Committee on Thursday, June 19th. The lowest bid was submitted by Healy-Tibbitts Construction Co. at 243-10 cents per linear foot. They will probably be awarded the contract.

RAILROAD CONST., STATIONS AND EQUIPMENT.

PORTLAND, ORE.—Freight depot, 3 story and base, reinforced concrete. Cost not stated. Architects, Engineering Department, Hill System. Owners, Hill System, J. H. Young, President, Portland. The building will be erected on Morrison and Belmont streets and will cover a large area. Construction will be fireproof throughout, with reinforced concrete walls and floors. The largest freight elevators in the west will be installed in the building together with other modern methods for handling freight. Extensive trackage system will be constructed in the rear of the building. Exterior will be faced with cement plaster. Plans are now being prepared.

EUGENE, ORE.—Passenger station, 2 story and base, brick and steel, \$50,000. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Portland, Eugene and Eastern R. R. Co. The building will cover an area of 38x55 feet. There will be two waiting rooms on the first floor and upper floor will contain the offices of the company in Eugene. Interior finish will be of pine and hardwood. Steam heat and a hot water system will be installed. Exterior of the building will be faced with pressed brick. A clay tile roof is specified. Plans are

complete and figures are being taken. Several large freight sheds will be erected on adjoining property shortly.

RESIDENCES.

SAN FRANCISCO.—Bungalow, 1½ story and base, frame, \$2,000. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, C. Matson. The dwelling has been designed for a five-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are now complete and figures are being taken.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$8,000. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, C. H. Redington. The dwelling will be erected in East Oakland, and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the dining room, living room, den and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, Frank S. Forster, 1117 Arch St., Berkeley. Owner, Dr. C. L. Roadhouse. This dwelling, which is to be erected in North Berkeley, has been designed for a seven-room house with all modern conveniences. Interior will be finished in pine and oak. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath rooms and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

BERKELEY, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$4,500. Architect, none. Owner, C. B. Crane, 1600 La Loma Ave., Berkeley. The dwelling will contain eight rooms, bath and sleeping porch, and is to be erected on the northwest corner of Cedar and La Loma streets. Interior finish will be of pine with some oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fireplaces. Mantels will be of brick. Bath room will be finished in cement plaster. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architects, Hutchison Bros., 470 13th St., Oakland. Owner, B. Axeloulen. The house will be erected in 4th avenue terrace, and has been designed for an

eight-room house with bath and sleeping porch. Interior will be finished in pine throughout with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken for the work.

OAKLAND, CAL.—Residence, 2 story and base, frame, \$9,000. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, J. Gregory. This house is to be erected on Calmar avenue and has been designed to contain nine rooms, three baths and a sleeping porch. Interior will be handsomely finished in pine and hardwoods. Hardwood floors will be used in the living room, dining room, reception hall and den. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Caen stone will also be used for one mantel. An automatic water heater will be installed. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, Mary Schwartz. The dwelling will be erected on Villa Vista avenue, and has been designed for an eight-room house with bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been out for figures once and have since been revised. New bids are now being taken.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$3,000. Architect, P. H. Kelly, 55 Grattan. Owner, Maebelle E. Kelly. The dwelling will be erected on 15th avenue near Judah, and has been designed for a seven-room house with bath. Interior finish will be of pine with some hardwood floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of the architect. He is now purchasing all materials.

SAN FRANCISCO.—Residence, 2 story and base, frame, \$3,000. Architect, William Koenig, 750 Parnassus Ave., S. F. Owner, M. Hewitt, Stockton. The dwelling will be erected on 4th avenue near Parnassus and will contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with tile or brick mantel. Tile will also be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Mr. Koenig is now purchasing all materials.

SAN FRANCISCO—Residence, 2 story and base, frame, \$2,500. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owners name withheld. The dwelling will be erected on 45th avenue between 1 and J streets, and has been designed to contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with tile or brick mantel. Tile will be used in the kitchen. Bath room will be finished with cement plaster. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

SAN FRANCISCO—Bungalow, 1½ story and base, frame, \$2,500. Architect, none. Owner, Ralph J. Button, 1293 Noe St., S. F. The dwelling has been designed for a six-room house and will be erected on 26th street near Noe. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be an open fire place with brick mantel in the living room. Bath room will be finished in cement plaster. Tile wainscot will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are complete and the work will be done by Day Labor.

ALAMEDA, ALAMEDA CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architect, William Dufour, 2326 Santa Clara Ave., Alameda. Owner, Mrs. M. L. Murray. The dwelling will be erected on Versailles avenue, and has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

ALAMEDA, ALAMEDA CO., CAL.—Bungalow, 1½ story and base, frame, \$2,500. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, J. Lundholm. The bungalow has been designed for a seven-room house with bath. Interior will be finished in pine with hardwood floors in the dining room, living room and reception hall. There will be large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

OAKLAND, CAL.—Bungalow, 1½ story and base, frame, \$2,700. Architect, K. C. Morrison, 413 62nd St., Oakland. Owner, Frank Murdock. The dwelling has been designed for a six-room house with bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

OAKLAND, CAL.—Residence, 2 story and base, frame. Cost not stated. Ar-

chitects, Hutchinson Bros., 470 13th St., Oakland. Owner, Mr. Joritz. The dwelling will be erected in Fourth Avenue Terrace, and has been designed for an eight-room house with lath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

NAPA, NAPA CO., CAL.—Bungalow, 1 story and base, frame, \$2,500. Architect, L. M. Turton, Napa. Owner, Leo Klotz. The house has been designed for a six-room dwelling with bath and sleeping porch. Interior will be finished in pine with some hardwood floors. There will be a large open fire place in the main living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, brick and frame, \$12,000. Architects, Starbuck & Clark, Fresno. Owner, Wylie M. Griffen. The dwelling will be erected on Mr. Griffen's country place, just out of Fresno, and has been designed to contain ten rooms, baths and sleeping porch. Interior finish will be of pine hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. Plans are now being prepared.

FRESNO, FRESNO CO., CAL.—Residences, 28, 1½ and 2 story and base, frame, \$2,000 to \$4,500. Architect, none. Owners, Fresno Home Builders' Association. These dwellings will be erected on the property bounded by Jense and San Pablo avenues, La Sierra and Bremer streets. The dwellings will contain from six to eight rooms and bath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. The better class houses will have furnace heat. Open fire places will be used in all of the houses. Mantels will be of brick and tile. Some automatic water heaters will be used. Exteriors will be covered with rustic shingles, cement plaster on metal lath and brick veneer. Plans are now being prepared and when complete construction will be carried on by Day Labor.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame \$5,500. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, J. Forkner. The dwelling will be erected near the Country Club, and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and oak with hardwood floors in the living room, dining room, and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal

lath. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$3,000. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, C. H. Fowler. This dwelling has been designed for a seven-room house with bath and sleeping porch. Interior will be finished in pine and oak with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick mantel. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

FRESNO, FRESNO CO., CAL.—Residence, 2 story and base, frame, \$7,000. Architects, Swartz, Hotchkin & Swartz, Fresno. Owner, F. H. Connelly. The dwelling will be erected on Hayward avenue and has been designed for an eight-room house with baths and sleeping porch. All interior finish will be of pine or white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. There will be an automatic water heater and probably a vacuum cleaning system. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

Contracts Awarded.

PASADENA, LOS ANGELES CO., CAL.—Residence, 2 story and base, frame, \$22,570. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owner, H. O. Ayer. Contractor, E. D. Taylor, 539 South Pasadena Ave., Pasadena. Contract price, \$22,570.

SCHOOLS.

BREWSTER, WASH. — School, 2 story and base, reinforced concrete. Cost not stated. Architects, Keith & Whitehouse, Spokane. Owners, Brewster School District. Plans for a building containing eight class rooms, auditorium and principal's office have been completed and approved by the School Trustees. Bids for the construction are now being taken and will be opened on July 2nd. Interior will be finished in pine with maple floors. Plans provide for a central heating system, program clocks and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans can be secured from the architects or from M. F. Milbury, Clerk of the Board of School Trustees.

SAN FRANCISCO—School, 2 story and base, brick and steel. Cost not stated. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids for the construction of the Glenn Park School were opened by the Board of Public Works and show Carnahan & Mulford low at \$82,424. A complete list of the bidders will be found in this issue under the heading of San Francisco.

SAN FRANCISCO—School, 2 story and base, brick and steel. Cost not stated. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the 1st meeting of the Board of Public Works for the construction of the Co-

lumbus School show Carnahan & Mulford low on both propositions as follows: (a) \$72,351 and (b) \$61,883. A complete list of these figures will be found under the heading of San Francisco in this issue.

ONTARIO, SAN BERNARDINO CO., CAL.—School, 2 story and base, brick and reinforced concrete, \$10,000. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners Ontario City School District. This building has been mentioned here before when the architect was first commissioned to prepare the plans. Working drawings are complete and bids are now being taken. The plans provide for ten class rooms, auditorium, manual training and domestic science departments. Exterior walls, floors and roof will be of concrete and brick. Metal lath and plaster interior partitions will be used. Finish will be of pine with maple floors. There will be a central heating system, program clocks and a vacuum cleaning system. Exterior of the building will be faced with pressed brick.

BAKERSFIELD, KERN CO., CAL.—School, 2 story and base, brick and concrete. Cost not stated. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Plans for the building which is to be erected at the corner of Niles and Williams streets have been completed and are now out for figures. The building will contain eight standard size class rooms and an auditorium. Interior will be finished in pine with maple floors. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans can be secured from either the architect or from the Clerk of the Board of Education, A. Celsus Brower. Bids will be opened on July 1st.

BERKELEY, ALAMEDA CO., CAL.—Campus, steel and granite. Cost not stated. Architect, John Galen Howard, 602 Mission St., S. F. Owners, Regents of the University of California. Bids for the construction of the various parts of the work in connection with the construction of the Sather Campanile, which is to be erected on the university campus at Berkeley, were opened by the Board of Regents on Thursday morning, June 19th. The campanile was designed by Architect John Galen Howard. Bids for the work were received as follows: For the elevator work, excavating and concrete work, granite work, marble work, ornamental metal and for the structural steel. The California Construction Co. were low on the structural steel, California Art Metal and Wire Co. were low on the ornamental metal work, Lewis A. Hicks Co. were low on the excavating and concrete work and the Otis Elevator Co. low on the elevator work. The marble and granite work attracted a large number of bidders who submitted alternatives, and the lowest bidder cannot be determined at this time. A complete list of the bids opened by the regents of the University appears under the heading of Oakland and Alameda County in this issue.

Contracts Awarded.

KENTON, ORE.—School, 2 story and base, reinforced concrete, \$75,000. Architect, none. Owners, Town of Kenton. Contractor, John Almeter, Portland. Contract price, \$75,000.

SEWERS, STREET WORK AND WATER SYSTEMS.

Contracts Awarded.

SAN MATEO PARK, SAN MATEO CO., CAL.—Street paving, asphalt, \$101,775. Engineer, City Engineer, San Mateo. Owners, City of San Mateo. Contractors, Ralsch Improvement Co., S. F. Contract price, \$101,775.95.

STORE.

SAN FRANCISCO—Stores and lofts, 2 story and base, brick and steel, \$16,000. Architect, Fred B. Wood, 2211 Steiner St., S. F. Owner, H. E. Holmes. The building will be erected on the north side of Polson street west of Third street, having a frontage on Polson street of 75 feet and a depth of 155 feet. The front portion of the building will be finished in pine and hardwoods, fitted up for office. Rear portion will be used for shop purposes. Upper floors will be arranged for light lofts. There will be elevator service. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

SAN FRANCISCO—Stores and lofts, 2 story and base, steel and brick. Cost not stated. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Isaac Kohn. The building will be erected at the southeast corner of Battery and Halleck streets, and will cover a ground area of 34x77½ feet. There will be a complete steel frame and pile foundation. Interior finish will be of pine throughout. Plans provide for elevator service. Metal window sash and frames will be used. Sidewalk elevators are specified. Bids are now being taken for the steel work. A contract for the piling has been awarded to McGowan & Butler and the balance of the work will be put out for figures at once.

SAN FRANCISCO—Stores, 1 story and base, brick or reinforced concrete. Cost not stated. Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Rodwell Produce Co., 210 Washington St., S. F. The building will be erected on the site of the company's present store and will cover an area of approximately 47x185 feet. The entire building will be used by the owners. Front portion of the structure will be fitted up for office purposes and the rear for wholesale purpose. Interior will be finished in pine with some tile and marble. A cement floor will be used. There will be sidewalk elevators, doors and lights. A pile foundation will probably be necessary. Exterior of the building will be faced with cement plaster. Plans are being prepared.

OAKLAND, CAL.—Stores and offices, 10 story and base. Class A construction. Cost not stated. Architect, Edward E. Seely, 255 California St., S. F. Owner, Frank W. Bilger. The building will be erected on the north side of 16th street 50 feet east of San Pablo avenue. Details of the construction have not been fully settled upon and cannot be given at this time. There will be a complete steel frame. Exterior will probably be faced with pressed brick and terra cotta. Further mention of the work will be made as the plans progress.

SACRAMENTO, CAL.—Store alterations, 3 story and base, brick, \$6,000. Architects, Seidler & Ilsen, Forum Bldg., Sacramento. Owners, Weinstein-Lubin Co. This work will include new interior fixtures and finish, new plumbing, plastering and some painting. Plans for the work are complete and figures are now being taken.

SEATTLE, WASH.—Stores and warehouse, 9 story and base, reinforced concrete, \$100,000. Architect, G. C. Nimmons, Chicago. Owners, Sears-Roebuck Co. Plans provide for a main building nine stories in height covering a ground area of 120x120 feet with an L also nine stories, and covering an area of 250x266 feet. Construction will be fireproof throughout. There will be steam heat, elevator service, metal window sash and frames, fireproof doors and parcels chutes. Exterior will be faced with cement plaster. Plans will be ready for figures about July 15th. The Chicago, Milwaukee and Puget Sound Railroad will finance the building.

SEATTLE, WASH.—Store, 1 story and base, reinforced concrete and steel, \$32,000. Architect, C. A. Meussdorffer, American Bank Bldg., Seattle. Owners, Blum & Alter. Plans for a one-story and basement building, covering a large area are complete and figures will be taken at once. The building will contain a number of retail stores. Interior will be finished in pine with some hardwood trim. There will be plate glass display windows in patent store fronts. Exterior of the building will be faced with cement plaster.

SANTA BARBARA, SANTA BARBARA CO., CAL.—Stores and offices, 4 story and base. Class A construction. Cost not stated. Engineers, Mayberry & Parker, Pacific Electric Bldg., L. A. Owner, Mr. Hawley. This building has been mentioned here before. Plans have been revised, providing for a four-story instead of a three-story building. There will be stores on the first floor and a large number of modern offices on the upper floors. Exterior will be faced with pressed brick and terra cotta. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

SAN FRANCISCO—Stores and offices, 3 story and base, reinforced concrete, \$60,000. Architect, none. Owners, Italian Realty Co. Contractors, MacDonald & Kahn, Rialto Bldg., S. F. Contract price, \$60,000.

THEATRES.

RICHMOND, CONTRA COSTA CO., CAL.—Theatre, 2 story and base, reinforced concrete, \$40,000. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dinkens Circuit. The building will be erected on Macdonald avenue between 8th and 9th streets, and will cover an area of 75x145 feet. There will be two small stores besides the theatre. Main auditorium will have a seating capacity of 1,400 people. Interior will be finished in pine and ornamental plaster. Construction will be practically fireproof. Exterior will be faced with cement plaster. There will be a central heating system and a modern system of ventilation. Plans are nearly complete.

SACRAMENTO, CAL.—Theatre, 3 story and base, reinforced concrete,

\$80,000. Architect, A. W. Cornellus, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahnen Circuit. The building will be erected on K street between 11th and 12th streets, and covers a considerable ground area. There will be two stores on the first floor besides the theatre. Main auditorium will have a seating capacity of 2,000 people. Interior will be finished in pine with ornamental plaster. Plans provide for a central heating system and modern ventilation. The third floor of the building will probably be arranged for offices. Construction will be fireproof. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

STOCKTON, SAN JOAQUIN CO., CAL.—Theatre, 1 story and have, brick and frame, \$10,000. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owner, L. A. Irvine. The building will be erected at the corner of Sutter and Channel streets and has been designed for a moving picture house. Floor will be of cement. Interior finish will be of pine and ornamental plaster. Some art glass will be used. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken by the architects.

VANCOUVER, B. C. — Theatre, 3 story and base, reinforced concrete, \$150,000. Architect, J. V. Donnellan, 139 Pender St., West Vancouver. Owner's name withheld. The building will be erected at the corner of Main and Keefer streets, and is to be Class A in every respect. The main auditorium will have a seating capacity of 2,500 people. There will be three balconies. Interior will be finished in pine, hardwoods and ornamental plaster. Plans provide for a steam heating system and modern ventilation. There will be reinforced concrete floors, metal window sash and frames and metal stairways. Exterior of the building will be faced with cement plaster. Plans for the work are now being prepared.

Contracts Awarded.
SEATTLE, WASH.—Theatre, 2 story and base, brick and steel, \$150,000. Architect, E. W. Houghton, Collins Bldg., Seattle. Owners, King Amusement Co. Contractors, Grant Smith Co., Henry Bldg., Seattle. Contract price, \$150,000.

SEALED PROPOSALS.

PROPOSALS FOR HOSPITAL.
BRICK HOSPITAL—Department of the Interior, Office of Indian Affairs, Washington, D. C.—Sealed proposals, plainly marked on the outside of the sealed envelope "Proposals for Brick Hospital, Fort Peck Indian School, Montana," and addressed to the commissioner of Indian Affairs, Washington, D. C., will be received at the Indian Office until 2 o'clock p. m. July 8, 1913, for furnishing materials and labor for the construction of a brick hospital at the Fort Peck Indian School, Montana, in strict accordance with the plans, specifications and instructions to bidders, which may be examined at this office, the offices of the supervisor of construction, Denver, Colo., and at the school. For further information apply to the superintendent of the Fort Peck Indian School, Poplar, Mont. C. F. HAUKE, acting commissioner.

PROPOSALS FOR Q. M. SUPPLIES.
QUARTERMASTER SUPPLIES—Depot Quartermaster's Office, 1086 North Point street, San Francisco, Cal.—Sealed proposals, in triplicate, will be received here until 10 a. m. June 30, 1913, for furnishing veterinary and miscellaneous supplies, including paints, oils, hardware, lumber, tinware, harness, cordage, iron, etc., required at this depot during fiscal year ending June 30, 1914. Information on application. JOHN T. KNIGHT, Depot Quartermaster.

PROPOSALS FOR CANAL SUPPLIES.
CANAL CIRCULAR 781—Proposals for Electric Lamps, Motor Boats, Switch Stands, Tin Plates, Track Bolts, Track Spikes, Galvanized Roofing, Horseshoes, Washers, Stovepipe, Iron and Steel Pipe Fittings, Lead Pipe, Bibbs, Cleanouts, Valves, Chisels, Cable Clips, Cotter's, Wrenches, Twist Drills, Hammers, Tacks, Files, Tallow Pots, Hand Oilers, Padlocks, Galvanized Buckets, Water Coolers, Coal Baskets, Brooms, Scrub Brushes, Paint Brushes, Steel Tapes, Hose, Packing, Gaskets, Canvas, Tarpaulins, Railway Flags, Emery Cloth, Mop Heads, Oakum, Twine, Lime, Calcium Carbide, Sulphate of Copper, Muratic Acid, Drop Black Paint, Sienna, Spar Varnish, Aluminum Paint and Mahogany Lumber.—Sealed proposals will be received at the office of the general purchasing officer, Isthmian Canal Commission, Washington, D. C., until 10:30 a. m. July 9, 1913, at which time they will be opened in public, for furnishing the above mentioned articles. Blanks and general information relating to this circular (No. 718) may be obtained from this office or the office of the assistant purchasing agent, 1086 North Point street, San Francisco, Cal.; also from the U. S. engineer offices in the following cities: Seattle, Wash.; Los Angeles, Cal. F. C. BOGGS, major, corps of engineers, U. S. army, general purchasing officer.

PROPOSALS FOR SEWER WORK.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 25th day of June, 1913, for doing the following work, to wit:

The construction of sewers and appurtenances for Courtland avenue outlet.

Progressive payments will be made. Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within ninety (90) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$2,000.00.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

PROPOSALS FOR PIPE LAYING.
OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2

o'clock p. m. and 3 o'clock p. m. on Wednesday, the 25th day of June, 1913, for doing the following street work, to wit:

Hauling and laying cast iron sewage discharge pipes in Commercial street between the Embarcadero and Sansome street, and in Fulton street between Forty-eighth and Twenty-sixth avenues.

Progressive payments will be made.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within ninety (90) calendar days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$10,000.00.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works. F. J. CHURCHILL, Secretary.

NOTICE TO CONTRACTOR.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., June 9, 1913.—Sealed proposals will be received at this office until 3 o'clock P. M. on July 21, 1913, and then opened, for new heating boilers, etc., at the United States postoffice, Bldg. Townsend, Wash., in accordance with the specification, copies of which may be obtained at this office, at the discretion of the Supervising Architect, O. WENDEBOTH, Supervising Architect. (*)

PROPOSALS FOR TANK AND TOWER WORK.

OFFICE OF THE PLAYGROUND Commission, Room 638 City Hall, City and County of San Francisco.

Sealed proposals will be received at this office between the hours of three and four o'clock p. m. on Thursday, June 26th, 1913 for doing the following work, including to furnishing of all necessary labor and material therefor, to wit:

For furnishing and erecting a Tank, Tower and Pump House on the property of the Southside Playground, located on the block bounded by Seventh, Harrison, Bryant and Harlett streets.

Said work must be done in accordance with the specifications on file in the office of the Playground Commission, to which reference is hereby made, and must be commenced within five calendar days from the receipt of written notice from the Playground Commission and completed within forty-five days thereafter.

The amount of bond for the faithful performance of the contract has been fixed at fifty per cent of the total amount of the contract.

The Playground Commission reserves the right to reject any and all bids.

By order of the Playground Commission of the City and County of San Francisco. JOSEPH R. HICKEY, Secretary.

PROPOSALS FOR SEWER.

OFFICE OF THE BOARD OF PUBLIC WORKS of the City and County of San Francisco.

Sealed proposals will be received at this office between the hours of 2 o'clock p. m. and 3 o'clock p. m. on Wednesday, the 2nd day of July, 1913, for doing the following work, to wit:

The construction of sewers and appurtenances in Kentucky street and Railroad avenue between Fairfax avenue and Islais Creek.

Progressive payments will be made.

Said work must be done in accordance with the plans and specifications therefor on file in the office of the Board of Public Works, to which reference is hereby made, and must be commenced within fifteen (15) calendar days and completed within one hundred and twenty (120) calendar

days from the date of the contract to be made and entered into therefor.

The amount of bond for faithful performance has been fixed at \$5,000.00.

Printed proposal forms will be furnished gratuitously upon application at the office of the City Engineer, and all

proposals must be made upon such forms.

The Board of Public Works reserves the right to reject any and all bids.

By order of the Board of Public Works, P. J. CHURCHILL, Secretary.

Firms desiring news from certain localities like San Francisco, Los Angeles, Portland, Seattle, etc., will find all such items, commencing on this page, and carefully classified as to location. These same items are repeated in the fore part of the news department, under distinct headings, such as Banks, Churches, Hotels, etc.

SAN FRANCISCO.

APARTMENT HOUSE—5 story and base, reinforced concrete, \$35,000. San Francisco. Architect, J. C. Hladik, Monadnock Bldg., S. F. Owner, Jacob Vits, 825 Monadnock Bldg., S. F. The building will be erected on Leavenworth street south of Eddy and will have a frontage of 24 feet and a depth of 74 feet. The first floor has been arranged for a store and the entrance to the apartment house. Upper floors will be subdivided in sixteen suites of two and three rooms each with bath. Interior will be finished in pine and elm panels. Bath rooms will have cement floors and tile wainscot. All suites will be equipped with wall beds. There will be elevator service, steam heat and a hot water supply. Exterior of the building will be faced with cement plaster. Plans are nearly complete and figures will be called for shortly.

APARTMENT HOUSE—4 story and base, brick, \$20,000. San Francisco. Architect, Louis P. Hobart, Crocker Bldg., S. F. Owner, George A. Bos Co. This building will be erected on Green street west of Jones, and will be arranged to contain four large and handsomely furnished apartments. Suites will consist of six and seven rooms. Interiors will be finished in pine and hardwoods. Bath rooms will be finished in tile. There will be an automatic elevator, steam heat, hot and cold water supply and a vacuum cleaning system. Exterior of the building will be faced with cement plaster. Plans are being prepared and it will be a matter of a month before figures are called.

APARTMENT HOUSE—2 story and base, frame, \$15,000. San Francisco. Architect, A. J. Bain, Russ Bldg., S. F. Owner's name withheld. The building will be erected near Haight and Fillmore streets and is to contain ten suites of three rooms and two suites of two rooms. All apartments will have wall beds and private bath rooms. Interior finish will be of pine with some elm panels and hardwood floors. Bath rooms will be finished in cement plaster and tile wainscot. Plans provide for steam heat and an automatic elevator. One large store will also be provided for on the first floor. The owner of the building is a well known contractor and the work will be done by Day Labor. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

APARTMENT HOUSE—3 story and base, frame, \$11,000. San Francisco. Architect, none. Owner, W. W. Yager, 1129 Hyde St., S. F. The building will be erected on Clay street west of Hyde, and will cover an area of 32x33 feet. Interior has been arranged for twelve suites of two and three rooms each with bath. All apartments will be

equipped with wall beds. Bath rooms will be finished in cement plaster. Interior finish will be of pine with some elm panels and hardwood floors. There will be a central heating system and hot and cold water supply. Exterior of the building will be covered with rustic. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

STORES AND LOFTS—2 story and base, brick and steel, \$16,000. San Francisco. Architect, Fred B. Wood, 2211 Steiner St., S. F. Owner, H. E. Holmes. The building will be erected on the north side of Folsom street west of Third street, having a frontage on Folsom street of 75 feet and a depth of 155 feet. The front portion of the building will be finished in pine and hardwoods, fitted up for office. Rear portion will be used for shop purposes. Upper floors will be arranged for light lofts. There will be elevator service. Metal window sash and frames are specified. Exterior of the building will be faced with pressed brick. Plans are complete and the work will be done by Day Labor.

STORES AND LOFTS—2 story and base, steel and brick. Cost not stated. San Francisco. Architects, Cunningham & Politeo, First National Bank Bldg., S. F. Owner, Isaac Kohn. The building will be erected at the southeast corner of Battery and Halleck streets and will cover a ground area of 34x77½ feet. There will be a complete steel frame and pile foundation. Interior will be arranged for stores on the first floor and lofts above. Interior finish will be of pine throughout. Plans provide for elevator service. Metal window sash and frames will be used. Sidewalk elevators are specified. Bids are now being taken for the steel work. A contract for the piling has been awarded to McGowan & Butler, and the balance of the work will be put out for figures at once.

APARTMENT HOUSE—3 story and base, frame. Cost not stated. San Francisco. Architect, W. G. Hind, 46 Kearny St., S. F. Owner, Mrs. Sarah Plcard. The building will be erected on Mason street south of Broadway, and has been designed to contain 11 apartments of four rooms and one apartment of six rooms. Interior finish will be of pine, redwood and hardwood veneer. Hardwood floors will be used. Plans provide for steam heat, which may not be installed at the present time. All suites will have wall beds and private bath rooms. Baths will be finished in cement plaster. Marble and tile will be used in the entrance. Exterior of the building will be covered with shiplap and brick veneer. Plans are complete and figures are being taken.

FLATS—2 story and base, frame, \$3,400. San Francisco. Architect, none.

Owner, G. Cosco, 155 Pfeiffer St., S. F. The building will cover an area of 27½x15 feet, and has been designed to contain four small flats of four rooms and bath each. Interior finish will be of pine and redwood. Tile will be used in the bath rooms and kitchens. Thirty-gallon boilers will be installed. Exterior of the building will be covered with rustic and shiplap. Gas grates or open fire places will be used in the living rooms. Mantels will probably be of tile. Plans are complete and in the hands of the owner who will do the work by Day Labor.

FLATS—4, 2 story and base, frame, \$5,000 each. San Francisco. Architect, Herbert A. Schmidt, Royal Insurance Bldg., S. F. Owner, C. J. U. Koenig, 520 Eureka St., S. F. These buildings will be erected on the north side of Broadway west of Hyde street. Each building will have a street frontage of 22 feet 11 inches and will extend back 60 feet. Interiors have been arranged for flats of five and six rooms with bath. Pine, oak and veneer trim will be used. Hardwood floors are specified in the principal rooms. There will be open fire places and brick and tile mantels. Bath rooms will be finished in cement plaster. Tile will be used in the bath rooms. Exteriors will be covered with rustic cement plaster on metal lath and with brick veneer. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

FLATS—3 story and base, frame, \$8,500. San Francisco. Architect, none. Owners, Jos. Tufo and P. Tufo, 1437 Kearny St., S. F. The building has been designed to contain nine flats of four rooms and bath each. The structure will cover an area of 37½x60 feet, and is to be erected on Kearny street near Fillbert. Interior finish will be of pine and redwood. Some oak floors will be used. Exterior of the building will be covered with rustic and shiplap. Plans are complete and in the hands of the owners who will do the work by Day Labor.

FLATS—2 story and base, frame, \$2,860. San Francisco. Architect, William Koenig, 750 Parnassus Ave., S. F. Owner, M. Hewitt, Stockton. The building will be erected on the corner of Parnassus avenue and 4th, and has been arranged to contain two modern flats of five and six rooms each with bath. Interior finish will be of pine with some elm panels. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Bath rooms will be finished in cement plaster. Tile will be used in the kitchens. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor under the direction of Mr. Koenig.

POLICE STATION—2 story, brick and stone, \$35,000. San Francisco. Architect, Architectural Department. Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened at the last meeting of the Board of Public Works show O. C. Holt low on the general construction of the Harbor Police Station at approximately \$31,000. A complete list of all bids opened will be found in this issue under the heading of San Francisco.

HOTEL—7 story and base. Class C

construction. Cost not stated. San Francisco. Architects, Fabre & Bearwald, Merchants' National Bank Bldg., S. F. Owner's name withheld. Preliminary plans for a seven-story hotel building, which is to be erected in the fifty Vara District, are complete and working drawings are being prepared. The building will contain in the neighborhood of 170 rooms, a number of which will have connecting baths. Plans will provide for steam heat, elevator service and a vacuum cleaning system. Exterior will probably be faced with pressed brick. Plans are now being prepared.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, William Koenig, 750 Parnassus Ave., S. F. Owner, M. Hewitt, Stockton. The dwelling will be erected on 4th avenue near Parnassus and will contain six rooms and bath. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room, dining room and reception hall. There will be an open fire place in the living room with tile or brick mantel. Tile will also be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and the work will be done by Day Labor. Mr. Koenig is now purchasing all materials.

RESIDENCE—2 story and base, frame, \$2,500. San Francisco. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The dwelling will be erected on 45th avenue between I and J streets and has been designed to contain six rooms and bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with tile or brick mantel. Tile will be used in the kitchen. Bath room will be finished with cement plaster. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are now being prepared.

BUNGALOW—1½ story and base, frame \$2,500. San Francisco. Architect, none. Owner, Ralph J. Button, 129 Noe St., S. F. The dwelling has been designed for a six-room house and will be erected on 26th street near Noe. Interior finish will be of pine and redwood. Hardwood floors will be used in the living room and dining room. There will be an open fire place with brick mantel in the living room. Bath room will be finished in cement plaster. Tile wainscot will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath and shingles. Plans are complete and the work will be done by Day Labor.

SCHOOL—2 story and base, brick and steel. Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids for the construction of the Glenn Park School were opened by the Board of Public Works and show Carnahan & Mulford low at \$82,124. A complete list of the bidders will be found in this issue under the heading of San Francisco.

SCHOOL—2 story and base, concrete and frame. Cost not stated. San Francisco. Architects, City Department of Architecture, Temporary City Hall Bldg., S. F. Owners, City and County of San Francisco. Bids opened by the

last meeting of the Board of Public Works for the construction of the Columbus School show Carnahan & Mulford low on both propositions as follows: (a) \$72,354 and (b) \$64,883. A complete list of these figures will be found under the heading of San Francisco in this issue.

STORES—1 story and base, brick or reinforced concrete. Cost not stated. San Francisco. Architect, G. A. Applegarth, Call Bldg., S. F. Owners, Bodwell Produce Co., 216 Washington St. The building will be erected on the site of the company's present store and will cover an area of approximately 47x185 feet. The entire building will be used by the owners. Front portion of the structure will be fitted up for office purposes and the rear for wholesale purposes. Interior will be finished in pine with some tile and marble. A cement floor will be used. There will be sidewalk elevators, doors and lights. A pile foundation will probably be necessary. Exterior of the building will be faced with cement plaster. Plans are being prepared.

BUNGALOW—1½ story and base, frame, \$2,000. San Francisco. Architect, O. E. Evans, 2367 Mission St., S. F. Owner, C. Matson. The dwelling has been designed for a five-room house with bath. All interior finish will be of pine. Hardwood floors will be used in the principal rooms. There will be a large open fire place in the living room with brick or tile mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic. Plans are now complete and figures are being taken.

RESIDENCE—2 story and base, frame, \$3,000. San Francisco. Architect, P. H. Kelly, 55 Grattan. Owner, Maebelle E. Kelly. The dwelling will be erected on 15th avenue near Judah, and has been designed for a seven-room house with bath. Interior finish will be of pine with some hardwood floors. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with rustic and shiplap. Plans are complete and the work will be done by Day Labor under the direction of the architect. He is now purchasing all materials.

PILE FOUNDATION WORK—Main Entrance Tower. Cost not stated. San Francisco. Engineer, Director of Works, Service Bldg., S. F. Owners, Panama-Pacific International Exposition Co. Bids for the pile foundation for the Main Entrance Tower were opened by the Buildings and Grounds Committee on Thursday, June 19th. The lowest bid was submitted by Healy-Thibbitts Construction Co. at 243-16 cents per lineal foot. They will probably be awarded the contract.

Contracts Awarded.

STORES AND OFFICES—2 story and base, reinforced concrete, \$60,000. San Francisco. Architect, none. Owners, Italian Realty Co. Contractors, MacDonald & Kahn, Rialto Bldg., S. F. Contract price, \$60,000.

HOSPITAL ADDITIONS, ETC. Reinforced concrete construction. Cost not stated. San Francisco. Engineer, Constructing Quartermaster, Fort Mason. Owners, United States Government. The following contracts for work at the Letterman General Hospital, Presidio of San Francisco, have been awarded by the Constructing

Quartermaster's office at Fort Mason, Capt. Walton, officer in charge:

Disinfecting and Sterilizing Building—Neil A. McLean, general construction, \$16,400; Burnham Plumbing Co., plumbing, \$1,250; Burnham Plumbing Co., steam main, \$144. Total, \$18,124.

Addition to Detention Ward—Neil A. McLean, general construction, \$13,600; Burnham Plumbing Co., plumbing, \$1,965; Burnham Plumbing Co., heating, \$411; W. L. Tittle, electric wiring, \$335; W. L. Tittle, fixtures, \$159. Total, \$16,520.

Hydrotherapeutic Ward—Neil A. McLean, general construction, \$13,000; Burnham Plumbing Co., plumbing and apparatus, \$5,969; Burnham Plumbing Co., heating, \$553; W. L. Tittle, electric wiring, \$390; W. L. Tittle, fixtures, \$165. Total, \$20,177.

Nurses' Dormitory—Neil A. McLean, general construction, \$15,700; Burnham Plumbing Co., plumbing, \$1,800; Burnham Plumbing Co., heating, \$828; W. L. Tittle, electric work, \$518; W. L. Tittle, fixtures, \$215. Total, \$19,071.

PLATS—2 story and base, frame, \$8,000. San Francisco. Architect, John J. Foley, 46 Kearny St., S. F. Owner, E. Prat. Contractor, Louis Metter, S. F. Contract price, \$8,000.

CITY HALL STEEL WORK—Cost not stated. San Francisco. Architects, Bakewell & Brown, 251 Kearny St., S. F. Owners, City and County of San Francisco. Contractors, United States Steel Products Co., St. Louis. Contract price, \$476,283.

Steel Contract Is To Go To The East.

Board of Public Works Awards City
Hall Steel Work and Opens Bids
For Much Work.

A contract for furnishing and fabricating the City Hall steel was awarded by the Board of Public Works to the United States Steel Products Co. on their bid of \$476,283, which was the lowest of the figures received last week. In awarding the contract the Board of Works followed the charter to the letter and has acted on the advice of the City Attorney. Strong opposition to the award of the steel contract to an Eastern firm was raised by both the Home Industry League and representatives of Union Labor. The bid of the United States Steel Products Co. is some \$75,000 lower than any local bidder.

Bids were also opened at the same meeting of the Board of Public Works for the general construction of the Glenn Park School, the general construction of the Harbor Police station and for furnishing motor generator sets for the Geary Street Car Barns. Carnahan and Mulford were low on the Glenn Park School work, and also on both propositions submitted for the general construction of the Columbus School. O. C. Holt was low on all three propositions submitted for the Harbor Police Station. Allis Chalmers Co. were low for the motor generator sets for the Geary Street Car Barns.

General Construction, Glenn Park School.

Newsom, Wold & Kohn.....\$89,100
 Carnahan & Mulford.....\$2,424
 McSheehy Bros.93,965
 Monson Bros.87,888
 P. W. McClenahan.....

General Construction, Columbus School.

Newsom, Wold & Kohn (a) \$50,968;
 (b) \$71,092.
 Carnahan & Mulford (a) \$72,334; (b)
 \$64,882.
 McSheehy Bros. (a) \$81,442; (b) \$72,
 812.
 Monson Bros. (a) \$81,187; (b) \$72,700.
 P. W. McClenahan (a) \$76,988; (b)
 \$65,877.

Construction, Harbor Police Station.

Frank M. Garden Co. (a) \$36,395; (b)
 \$39,995; (c) \$37,195.
 Heckerroth & Schell (a) \$35,540; (b)
 \$38,677; (c) \$36,300.
 Raymond Jassen (a) \$36,389; (b) \$39,
 889; (c) \$37,889.
 Grant Fee (a) \$36,700; (b) \$39,300;
 (c) \$37,500.
 E. W. Elliott (a) \$32,788; (b) \$36,288;
 (c) \$38,888.
 Thurston & Co. (a) \$34,580; (b) \$37,
 700; (c) \$35,400.

E. Coleman (Check made out wrong).
 J. W. Carr (a) \$34,158; (b) \$37,843;
 (c) \$35,323.

Newsom, Wold & Kohn (a) \$33,790;
 (b) \$36,927; (c) \$34,550.
 O. C. Holt (a) \$31,000; (b) \$33,480;
 (c) \$31,145.
 Carnahan & Mulford (a) \$34,510; (b)
 \$33,810; (c) \$35,310.

Major Generator Sets, Geary Street**Car House.**

Rialto Elec. Co.....\$3,745.25
 H. S. Tittle3,445.00
 Allis Chalmers Co.....3,117.00
 Parnsworth Elec. Co.....4,402.00

Bids For Pile Foundation.**Foundation Work For Main Entrance Tower Will Probably Be Done By Healy-Tibbitts Construction Co.**

Bids were opened on Thursday, June 19th, by the Buildings and Grounds Committee of the Panama-Pacific International Exposition Company for the pile foundation for the Main Entrance Tower. Three bids were received as follows:

Pile Foundation, Main Entrance Tower.

Central California Con. Co. \$24 8-10.
 Healy-Tibbitts Constr. Co., \$24 3-10.
 Contra Costa Constr. Co., \$26.
 Contract was not awarded.

Architectural Jury Selects Best Schools In State For Publication.**OVER 400 SCHOOLS SUBMIT VERY GOOD TYPES OF BUILDINGS.****Exhibition of Drawings and Photographs, Thursday and Friday.**

June 18th, and 19th at San Francisco Architectural Club, 126 Post Street.

The Jury of prominent architects appointed by the Honorable Edw. Hyatt, State Superintendent of Schools, to advise him in the selection of the best schools of the State, for publication in a new booklet to be sent out to all school trustees and architects, met last

evening at the San Francisco Architectural Club and were very enthusiastic over the four hundred or more buildings submitted.

From the photographs and drawings exhibited the following schools were declared by the jury to be the best and will be published by the State:

One Room School Buildings—Visalia, plan by N. Y. Davis; Mill Creek, Mendocino County District School, remodeled; Outdoor class room, Pasadena, plan and two photographs by Myron Hunt; Two Room Country School; Plans by C. L. Stiles; Four Room School—Plans and two photographs by Theo. C. Kistner; Eight Room Grammar School, Santa Paula, plan and two elevations; Grammar Schools—Madera, plan and three elevations by Ben McDougall; Artesia, plan and elevations by Withey & Davis; High Schools—Monrovia, plans and elevation showing out of door auditorium by Allison & Allison, Nordhoff, photographs, Princeton, elevation by Parker & Kenyon; Normal Schools—Los Angeles, plans and perspectives by Allison & Allison, San Jose, plans and two photographs by the State Architect, Santa Barbara, plan by State Architect.

The jury of architects was composed of the following members:—Lewis P. Hobart, chairman; Chas. S. Kaiser, J. W. Woollett, J. J. Donovan, C. H. Cheney, and Robert Farquhar (absent). The judgment was held in concurrence with the Honorable Edw. Hyatt, who was present.

The school buildings shown are of an extremely high order, particularly the larger schools. The plans and photographs submitted will be on public exhibition Thursday and Friday from ten to two, and from seven-thirty to nine-thirty in the evening at the San Francisco Architectural Club, 126 Post St., which kindly donated the use of its exhibition rooms.

In speaking of recent developments in school building in California Superintendent Hyatt called attention to the fact that this state has taken very rapid strides in the past five years and that now structures built prior to that time are practically out of date as to convenience and planning.

The purpose of this investigation is to put before the public the best examples erected in the last few years and to this end a jury of architects of high standing was appointed to pick out such buildings as were architecturally good that they might be held up to the community as an example for future work. Mr. Hyatt feels that much good will come of this investigation both in educating the public and in raising the standard of school building of this state and of the country at large.

Constructing Q. M. Awards Contracts.**Three New Buildings Will Be Erected at the Letterman General Hospital in the Presidio.**

Plans are now being prepared in the office of the Constructing Quartermaster at Fort Mason for all the trackage, trolley equipment, etc., for the Army Supply Depot. Funds to carry out this work will be voted at the next session of congress. Plans for the Ocean Boulevard are also being

worked up in the Constructing Quartermaster's office at Fort Mason and will shortly be ready for figures. A report from the same source states that work will be undertaken shortly by the State Board of Harbor Commissioners on the big tunnel project which is to complete the Belt Line Railroad.

Holdings of the Spring Valley Water Company on Lobos Creek are now being appraised by a board of two engineers, Mr. Anderson, of Denver, representing the Spring Valley Co. and Captain Barber representing the Government. Data for the appraisal is being furnished the Government from the Constructing Quartermaster's office.

Capt. Walton, Officer in charge of the Constructing Quartermaster's Office at Fort Mason, has awarded contracts as follows for work at the Letterman General Hospital at the Presidio:

Disinfecting and Sterilizing Building.

Neil A. McLean, general construction\$16,400
 Burnham Plumbing Co., plumbing1,280
 Burnham Plumbing Co., steam main444

Total\$18,124

Addition to Detention Ward.

Neil A. McLean, general construction\$13,600
 Burnham Plumbing Co., plumbing1,965
 Burnham Plumbing Co., heating411
 W. L. Tittle, electric wiring....385
 W. L. Tittle, electric fixtures....159

Total\$16,520

Hydrotherapeutic Ward.

Neil A. McLean, general construction\$13,400
 Burnham Plumbing Co., plumbing and apparatus.....5,969
 Burnham Plumbing Co., heating553
 W. L. Tittle, elec " wiring....390
 W. L. Tittle, electric fixtures....165

Total\$20,177

Nurses Dormitory.

Neil A. McLean, general construction\$15,700
 Burnham Plumbing Co., plumbing1,310
 Burnham Plumbing Co., heating828
 W. L. Tittle, electric work.....518
 W. L. Tittle, electric fixtures....215

Total\$19,071

Building Contracts.**San Francisco.**

No.	Owner	Contractor	Amount
2247	Pope & Talbot	Holm	23756
2248	Perasso	Ceragine	8750
2249	O'Neill	Soljgren	20117
2250	Same	Zelinsky	1285
2251	Mits	Burch	20800
2252	Kohn	McGowan	1677
2253	Helke	Jannan	6106
2254	Clot	Ducasse	3650
2255	Wisnom	Higginson	9060
2256	Sherwood	Moore	600
2257	Boffa	Boffa	400
2258	Pringle	Green	400
2259	Murphy	Cuts	500
2260	Williams	Eulton	10000
2261	Pete's Grill	Brunswick	750
2262	Brown	Brown	1600
2263	Nilsson	Nilsson	1000
2264	Lind	Johnson	2000
2265	Lind	Johnson	2000
2266	Wood	Flood	3334

2267	Associated Oil.....Fusco	11987
2268	Bullock.....Bullock	2500
2269	Wet Wash Lndry.....Owner	500
2270	Goodman.....Goodman	1000
2271	Johanson.....Jones	750
2272	Brown.....Federal	450
2273	Ash.....Stiefel	800
2274	Bothin.....Bothin	450
2275	Schlines.....Ratio	700
2276	Cizzo.....Chapman	400
2277	Prior.....U S Metal	1750
2278	Lankershim.....U S Metal	1950
2279	Furlong.....Lamsar	6600
2280	Surface.....Jeffers	20000
2281	Coch.....Neisen	2916
2282	Crawford.....White	2400
2283	Jacob.....Arnold	10659
2284	Pratt.....Metter	7749
2285	Eisenbach.....Stockholm	400
2286	Breeden.....Stockholm	400
2287	Studebaker.....Andrews	400
2288	MacRae.....MacRae	1500
2289	Buckley.....Ferguson	800
2290	Hmsted Realty.....Glahn	1225
2291	Desalermos.....Kronnick	400
2292	Yager.....Yager	11000
2293	P P I.....Murphy	5700
2294	Eyre Inv.....Gardner	37297
2295	McDermott.....Keller	2915
2296	Perkins.....Watson	1419
2297	Same.....Appman	1698
2298	Same.....Smith	10775
2299	Lennon.....P Eley	1400
2300	Same.....Pac Ext	4250
2301	Morton.....Alexander	1620
2302	Heyman.....Heyman	2000
2303	Same.....Same	2000
2304	Stevison.....Martinet	400
2305	Meller.....Meller	450
2306	Civic Center Garage.....Carr	500
2307	Oleon.....Brimfield	500
2308	Ehrman.....Ehrman	5000
2309	McCann.....Johnson	3000
2310	Ellers.....Ellers	1000
2311	Wille.....Carson	1735
2312	Boyd.....Maore	2100
2313	Libby.....Petty	1150

(2247) NW EAST and HOWARD W 137-6XN 45-19. All work for two-story Class "C" store and hotel bldg. Owner.....Pope & Talbot Land Co., Foot 3rd, San Francisco. Architect...O'Brien & Werner, 68 Post, San Francisco. Contractor...Holm & Son, 62 Post, S. F. Filed June 16, '13. Dated June 7, '13. Progressive payments on 1st of each month\$17817 Usual 35 days..... 5929 TOTAL COST, \$23,756 Bond, \$12,000. Sureties, Thos. E. Shumate Limit, 100 days after recording. Forfeit, \$20. Plans and specifications filed.

(2248) N PACIFIC 45-6 W Hyde W 23 xN 87-6 5' x 1206. All work for 3-story and basement frame flats. Owner.....Silvio Perasso and as guardian Estate Mario Perasso (minor), 444 Columbus Ave., S. F. Architect...Chas. M. Arthur F. and Oliver M. Rousseau, Monadnock Bldg., S. F. Contractor...Louis Cereghino & Son, 6 Marshall, San Francisco. Filed June 16, '13. Dated June 6, '13. Frame up\$2187.50 Brown coated 2187.50 Completed and accepted..... 2187.50 Usual 35 days..... 2187.50 TOTAL COST, \$8750.00 Bond, \$4375. Sureties, G. R. Cordano and R. Cereghino. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(2249) SE HARRISON 195 SW Third SE 80 SW 5 SE 80 SW 50 NW 80 SW 25 NW 80 NE 80. All work except painting, shades and light fixtures for three-story frame repairing shop. Owner.....E. Josephine O'Neill. Architect...August Nordin, Mills Bldg., San Francisco. Contractor...Sjogren Bros., 3058 Army, San Francisco. Filed June 16, '13. Dated June 9, '13. Frame up\$3774

Ready for lathing..... 3774 Standing finish on..... 3771 Completed and accepted..... 3768 Usual 35 days..... 5030 TOTAL COST, \$20,117 Bond, \$10,060. Surety, Aetna Accident & Liability Co. Limit, 80 days. Forfeit, \$15. Plans and specifications filed.

(2250) PAINTING and VARNISHING on above. Contractor...R. Zelinsky, 57 Clementina San Francisco. Filed June 16, '13. Dated June 9, '13. 2nd coat on exterior and one coat on interior\$481 Completed 482 Usual 35 days..... 322 TOTAL COST, \$1285 Bond, none. Limit, as required. Forfeit, \$15. Plans and specifications filed.

(2251) E LEAVENWORTH 112-6 S Eddy S 25xE 87-6. All work for five-story and basement reinforced concrete apartments. Owner.....Jacob Vits, 4020 Fulton, San Francisco. Architect...J. C. Hladik, Monadnock Bldg., San Francisco. Contractor...Burch-Hoffman Co., 450 Ellis, San Francisco. Filed June 16, '13. Dated June 12, '13. On 1st and 15th of each month progressive payments of\$15,600 Usual 35 days..... 5200 TOTAL COST, \$20,800 Bond, none. Limit, 120 days. Forfeit, \$10. Plans and specifications filed.

(2252) SE BATTERY and HALLECK S 34-6XE 77-6. Piling for two-story Class "C" stores and lofts. Owner.....Isaac Kohn. Architect...Cunningham & Politeo, 1st National Bank Bldg., San Francisco. Contractor...McGowan & Butler, 150 Jessie, San Francisco. Filed June 16, '13. Dated June 9, '13. 1st and 15th of each month..... 75% Usual 35 days..... 25% TOTAL COST, \$1677 Bond, \$838.50. Surety, Pacific Coast Casualty Co. Limit, 20 days after notified. Forfeit, \$10. Plans and specifications filed.

(2253) NE TWENTY-THIRD & Mission 40x122-6. All work for remodeling and repairing three-story frame building. Owner.....Wm. L. Helke, 2220 L St., Sacramento, California. Architect...None. Contractor...J. S. Hannah, Williams Bldg., San Francisco. Filed June 16, '13. Dated May 16, '13. Ready for plastering.....\$1500 Standing finish up..... 1500 Completed and accepted..... 1576 Usual 35 days..... 1530 TOTAL COST, \$6106 Bond, \$3100. Sureties, J. S. and J. D. Hannah. Limit, 90 days after May 16. Forfeit, \$10. Plans and specifications filed.

(2254) E RAMONA AVE 205 N 15th N 25xE 75. All work except painting, plumbing, finish hardware, mantels, shades and chandeliers for two-story and basement frame flats. Owner.....Sallie Clot, 17 Collingwood, San Francisco. Architect...J. A. Porporato, 619 Washington, San Francisco. Contractor...P. Ducasse. Filed June 16, '13. Dated June 16, '13.

Rough frame up.....\$ 700 Brown coated 800 Completed and accepted..... 900 Usual 35 days..... 1250 TOTAL COST, \$3650 Bond, Guaranty bond in favor of owner. Sureties, L. G. Lauray and J. Lauray. Limit, 90 days. Forfeit, \$2. Plans and specifications filed.

(2255) W JONES 90 S Pacific S 30xV 52-4. Grading, cement, lumber, mill, plumbing, painting, tin, flues, marble, fixtures and shades for three-story frame apartment building. Owner.....John Wisnom, 3675 16th, San Francisco. Architect...W. G. Hind, 46 Kearny, San Francisco. Contractor...Higginson Co., Inc., Humboldt Bank Bldg., S. F. Filed June 16, '13. Dated May 28, '13. Rustic and roof boards on.....\$2550 Brown coated 2250 Completed and accepted..... 2250 Usual 35 days..... 2250 TOTAL COST, \$9000 Bond, none. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

(2256) NO. 2519 PIERCE. Carpenter and mill work, wiring, plumbing, painting, etc., addition of one room. Owner.....Wm. R. Sherwood, Prem. Architect...Nathaniel Blaisdell, 255 California, San Francisco. Contractor...C. P. Moore Bldg. Co., 212 Sharon Bldg., S. F. COST, \$600

(2257) NE VIENNA and ITALY. One-story frame wine room. Owner.....P. Boffa, 1253 Kearny, S. F. Architect...None. Day's work. COST, \$400

(2258) SW O'FARRELL & POWELL. Erect metal roof sign. Owner.....M. B. Pringle and Henry Kahn, Care Madison & Burke, San Francisco. Architect...None. Contractor...J. Chas. Green, 273 Valencia, San Francisco. COST, \$400

(2259) SE MINERVA and ORIZABO. Alter and repair dwelling. Owner.....John Murphy, 64 Moss, S. F. Architect...None. Contractor...L. C. Cutts, 20 De Wolf, San Francisco. COST, \$500

(2260) W TWENTY-SIXTH AVE 100 S Clement. One-story and basement frame dwelling. Owner.....R. Williams, 469 25th Ave., San Francisco. Architect...None. Contractor...T. Fallon, 469 25th Ave., San Francisco. COST, \$1000

(2261) NO. 80 EDDY. Alter front and erect new booths. Owner.....Pete's Grill, Premises. Architect...None. Contractor...Brunswick-Balke-Coller Co., 767 Mission, S. F. COST, \$750

(2262) W LISON 125 S Excelsior. One and one-half-story and basement frame dwelling. Owner.....W. C. Brown, 2945 Harrison, San Francisco. Architect...None. Day's work. COST, \$1600

(2263) NO. 101 DELANO. Repair tire damage.
Owner.....N. F. Nilsson, 355 Coleridge
Architect...None.
Day's work. COST, \$1000

(2264) S CASELLI 300 W Douglass.
Two-story and basement frame dwlg.
Owner.....O. Lind and A. Johnson,
4385 25th, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$2000

(2265) S CASELLI 325 W Douglass.
Two-story and basement frame dwlg.
Owner.....O. Lind and A. Johnson,
4385 25th, San Francisco.
Architect...O. E. Evans, 2367 Mission,
San Francisco.
Day's work. COST, \$2000

(2266) S SUTTER 76 W Hyde. Plumb-
ing, gas fitting and pipes for a vacu-
um system for four-story and base-
ment Class "C" apartments.
Owner.....Alicia B. Wood by P. J.
Lynch, 110 Jessie, S. F.
Architect...C. S. McNally, 57 Post, S. F.
Contractor...Flood & Hammond, 276
Noe, San Francisco.

Filed June 17, '13. Dated May 20, '13.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$3324
Bond, limit, forfeit, none. Plans and
specifications, none.

(2267) SIXTEENTH AND ILLINOIS.
Reinforced concrete tanks, founda-
tions and retaining walls for tank en-
closure with pump room and tank
room and covered platform for drum
storage and garage for refined oils,
etc.

Owner.....Associated Oil Co., Wells
Fargo Bldg., S. F.
Engineer...A. P. L. Bell.
Contractor...Foster-Vogt Co., Sharon
Bldg., San Francisco.

Filed June 17, '13. Dated June 12, '13.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$11,987
Bond, \$6000. Surety, Pacific Coast
Casualty Co. Limit, none. Forfeit,
none. Plans and specifications filed.

(2268) S TWENTY-SIXTH 105 E Noe.
One and one-half-story and base-
ment frame residence.
Owner.....Ralph J. Button, 1293 Noe,
San Francisco.
Architect...None.
Day's work. COST, \$2500

(2269) NO. 340 ELEVENTH. One-
story corrugated iron laundry room.
Owner.....Wet Wash Laundry, 430
Eleventh, S. F.
Architect...None.
Day's work. COST, \$500

(2270) NW HALE 175 SW Barneward
One-story and basement frame dwlg.
Owner.....J. Goodman, 208 Silliman,
San Francisco.
Architect...None.
Day's work. COST, \$1000

(2271) NO. 728 MONTGOMERY. Re-
pair office and warehouse.
Owner.....W. P. Johnson, Premises.
Architect...None.
Contractor...F. G. Jones, 1217 Webster,
Oakland.
COST, \$750

(2272) NO. 664 MARKET. Electric
sign.
Owner.....Brown Bros. & Co., Prem.
Architect...None.
Contractor...Federal Sign System, 257
8th, San Francisco.
COST, \$450

(2273) NO. 1275 THIRD AVE. Alter
attic and add three rooms.
Owner.....Marie Ash, Premises.
Architect...J. A. Porporato, 619 Wash-
ington, San Francisco.
Contractor...John V. Stiefel, 633 "A,"
San Francisco.
COST, \$800

(2274) NE CLEMENTINA & EIGHTH.
Furring and plastering on 2nd floor.
Owner.....Bothin Real Estate Co.,
604 Mission, San Francisco
Architect...None.
Day's work. COST, \$450

(2275) N OLIVE 50 E Laguna. Alter
present building into 2 flats.
Owner.....Benj. Schines, 585 Hayes
San Francisco.
Architect...None.
Contractor...John S. Ratto, 24 Merritt,
San Francisco.
COST, \$700

(2276) NO. 37 BANNON PLACE.
Raise, alter and repair flats.
Owner.....G. Cozzo, Premises.
Architect...None.
Contractor...L. Capurro, 1844 Powell,
San Francisco.
COST, \$400

(2277) NW EDDY AND MASON N 55
xW 82-6. Galvanized iron and sheet
metal work for six-story and base-
ment reinforced concrete building.
Owner.....Prior Estate by Macdonald
& Kahn, Rialto Bldg., S. F.
Architect...Miller & Colmesnil, Lick
Bldg., San Francisco.
Contractor...United States Metal Pro-
ducts Co., 525 Market, S. F.

Filed June 18, '13. Dated June 9, '13.
On 10th of each month..... 75%
36 days after, 25%.....\$437.50
TOTAL COST, \$1750.00
Bond, \$875. Surety, New England
Casualty Co. Limit, none. Forfeit,
none. Specifications only filed.

(2278) N FIFTH AND JESSIE NW 75
xNE 175. Galvanized iron and tin
work for seven-story and basement
reinforced concrete hotel.
Owner.....Jas. B. Lankershim, Los
Angeles by Macdonald &
Kahn, Rialto Bldg., S. F.
Architect...Reid Bros., Cal-Pacific
Bldg., San Francisco.
Contractor...United States Metal Pro-
ducts Co., 525 Market, S. F.

Filed June 18, '13. Dated June 9, '13.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, \$1950
Bond, \$975. Surety, New England
Casualty Co. Limit, forfeit, none.
Specifications only filed.

(2279) W NINTH AVE 100 S Irving N
66xW 73. All work for one-story
frame building (stores).
Owner.....Patrick Furlong, SW 9th
Ave and Irving, S. F.
Architect...L. M. Weismann & Son,
Pacific Bldg., San Francisco
Contractor...Lamser & Pliske.
Filed June 18, '13. Dated June 13, '13.
1st floor joists in place.....\$1237.50
Frame up and roof on.....1237.50

Brown coated 1237.50
Completed and accepted.... 1237.50
Usual 35 days..... 1650.00
TOTAL COST, \$6600.00
Bond, none. Limit, 60 days after June
15. Forfeit, none. Plans and specifi-
cations filed.

(2280) SW POWELL AND BROAD-
way 93-6 on Powell, 100 on Broad-
way. All work for frame building
(16 flats and 6 stores.)
Owner.....Jacob Surface.
Architect...Wm. Beasley, 127 Mont-
gomery, San Francisco.
Contractor...C. A. Jeffers & T. Loncono.
Filed June 18, '13. Dated June 3, '13.
Frame up\$5625
Enclosed and roof on..... 5625
Brown mortar on..... 5625
Completed and accepted..... 5625
Usual 35 days..... 7500
TOTAL COST, \$30,000

Bond, \$15,000. Surety, Guardian Casu-
alty & Guaranty Co. Limit, 90 days.
Forfeit, none. Plans and specifications
filed.

(2281) W MARS, bet 17th and Corbett
Ave 25x112. All work for two-story
frame building.
Owner.....David and Lucy T. Caen,
1228 22nd, San Francisco.
Architect...Planners by Contractor.
Contractor...Jacob F. Nielsen, 2350
Bryant, San Francisco.
Filed June 18, '13. Dated June 16, '13.
Rough frame up and roof on\$727.50
Rough plaster on..... 727.50
Completed and accepted..... 727.50
Usual 35 days..... 727.50
TOTAL COST, \$2910.00

Bond, none. Limit, 120 days. Forfeit,
none. Plans and specifications filed.

(2282) LOTS 31 AND 32 BLK 4, Castro
Street Addition. All work for two
four-room and basement cottages.
Owner.....A. S. Crawford, 375 Sutter,
San Francisco.
Architect...None.
Contractor...W. B. White, Van Dorn
Hotel, San Francisco.

Filed June 18, '13. Dated May 1, '13.
Frame work completed..... ¼
Interior plastered ¼
Completed and accepted..... ¼
TOTAL COST, \$2400
Bond, none. Limit, 90 days. Forfeit,
\$10. Plans and specifications filed.

(2283) N WASHINGTON 148-9 W
Presidio Ave W 32xN 127-5¼. Ex-
cavating, concrete, roofing, tinning,
sheet metal, terrazzo, tiling, composi-
tion floors, marble work, ornamental
iron, hardware, glass, plumbing,
electric work, hot water heating for
two-story and basement frame resi-
dence.

Owner.... Andrew A. Jacob, 753 Mar-
ket, San Francisco.
Architect...G. Albert Lansburgh, 709
Mission, San Francisco.
Contractor...H. W. Arnold, 227 Chat-
tanoga, San Francisco.
Filed June 18, '13. Dated June 13, '13.
Excavated, graded, basement walls
built and 1st floor joists laid.....\$ 500
Frame up, roof sheathed ready
for plumbing 500
Rough plumbing in, electric wires
drawn 994
Enclosed, roof on, rough floors laid
and partitions set for lathers. 2000
Exterior and interior plastering
completed, sash glazed & hung. 2000
Completed and accepted..... 2000

Usual 35 days..... 2665
TOTAL COST, \$10,639
 Bond, \$5500. Surety, Maryland Casualty Co. Limit, 6 months. Forfeit, none. Plans and specifications filed.

(2284) SW EIGHTEENTH AND LEXINGTON Ave W 3088 85. All work for two-story frame building (store and data.)

Owner.....E. Prat, 2449 Mission, S. F.
 Architect...John J. Foley, 46 Kearny, San Francisco.
 Contractor, Louis Metter, 157 Albion Ave., San Francisco.

Filed June 18, '13. Dated June 14, '13.
 On 1st of each month..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$7749
 Bond, \$3875. Sureties, P. F. Heilly and Jas. Kilhopper. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(2285) NO. 3025 SCOTT. Add two rooms.
 Owner.....J. Eisenback, Premises.
 Architect...None.
 Day's work..... **COST, \$400**

(2286) GORE MARKET AND SUTTER Underpinning wall.

Owner.....H. C. Breeden, Butler Bldg., San Francisco.
 Architect...None.
 Contractor, Stockholm & Allyn, 678 Monadnock Bldg., S. F.
COST, \$400

(2287) NE FIFTH AND TOWNSEND. Enlarge windows.

Owner.....Studebaker Co., Fremont and Mission, S. F.
 Architect...None.
 Contractor, R. C. Andrews, Hearst Bldg., San Francisco.
COST, \$400

(2288) S MORAGA 82-6 E 13th Ave. One-story and basement frame dwlg.

Owner.....A. S. MacRae, 417 Lawton, San Francisco.
 Architect...None.

Day's work..... **COST, \$1500**

(2289) S CITY HALL AVE 100 W Marshall Square. Repair front.

Owner.....Dr. C. F. Buckley.
 Architect...Lyon Co., Wells Fargo Bk. Bldg., San Francisco.
 Contractor, J. R. Ferguson, 1105 Crocker Bldg., S. F.
COST, \$800

(2290) S REGENT 100 E San Jose. One-story and basement frame dwlg.

Owner.....Homestead Realty Co., 704 Market, San Francisco.
 Architect...None.
 Contractor, Wm. H. Grahn, 2840 Bryant, San Francisco.
COST, \$1225

(2291) NO. 1025 FILLMORE. Alter restaurant.

Owner.....Harris Desaler nos. Prem.
 Architect...None.
 Contractor, Kronnick Bros., 1659 O'Farrell, San Francisco.
COST, \$400

(2292) S CLAY 142-6 W Hyde. Three story and basement frame (12) apartments.

Owner.....W. W. Yager, 1429 Hayes, San Francisco.
 Architect...None.
 Day's work..... **COST, \$11,000**

(2293) EXPOSITION SITE. All work for Pre-Idio storm sewer outfall.

Owner.....Panama-Pacific International Exposition Co., Service Bldg., S. F.

Architect...None.
 Contractor, Michael Murphy, 298 Turk, San Francisco.

Filed June 19, '13. Dated June 13, '13.
 As work progresses..... 75%
 Usual 35 days..... 25%

TOTAL COST, \$5700
 Bond, \$3500. Surety, Massachusetts Bonding & Insurance Co. Limit, 90 days. Forfeit, \$15. Plans and specifications filed.

(2294) SW SUTTER AND KEARNY. All work for alterations and additions to building occupied by Sherman Clay & Company.

Owner.....Eyre Investment Co., Merchants' Exchange Bldg., San Francisco.
 Architect...L. B. Dutton Co., Chronicle Bldg., San Francisco.

Contractor, Frank M. Garden & Co., 251 Kearny, San Francisco.

Filed June 19, '13. Dated June 18, '13.
 As work progresses monthly payments of 75%
 36 days 25%

TOTAL COST, \$37,297
 Bond, \$18,648.50. Surety, Massachusetts Bonding & Insurance Co. Limit, 120 days. Forfeit, \$50. Plans and specifications filed.

(2295) W FOURTH AVE 75 N Kirkham N 25xW 95 OL 765. All work except plumbing fixtures and lighting fixtures, iron grill and shades for two-story and basement frame residence.

Owner.....T. F. and Sarah G. McDermott, 535 Steiner, S. F.
 Architect...J. Teilmann.
 Contractor, R. Keller, 3427 Andover, Oakland.

Filed June 19, '13. Dated June 18, '13.
 Frame up and roof on.....\$978.75
 Brown coated 978.75

Completed and accepted..... 978.75
 Usual 35 days..... 978.75

TOTAL COST, \$3915.00
 Bond, \$1957.50. Surety, United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, \$150. Plans and specifications filed.

(2296) SUTTER, bet. Taylor and Mason. Wall and floor tile for building.

Owner.....Trowbridge & Perkins, 14 Montgomery St., S. F., by Larsen & Larsen.

Architect...Frederick H. Meyer, Bankers' Invest. Bldg., S. F.
 Contractor, The Watson Mantel & Tile Co., 457 Market, S. F.

Filed June 20, '13. Dated May 23, '13.
 1st of each month..... 75%
 30 days after 25%

TOTAL COST, \$1419
 Bond, limit, forfeit, plans and specifications, none.

(2297) SHEET METAL WORK ON above.

Contractor, Geo. H. Appmann, 446 7th, San Francisco.

Filed June 20, '13. Dated May 19, '13.
 Work 73% completed\$424
 Work 7% completed 424

Work completed and accepted..... 425
 Usual 35 days..... 425

TOTAL COST, \$1698
 Bond, limit, forfeit, plans and specifications, none.

(2298) LATH AND PLASTER ON above.

Contractor, Smith & Johnson, 850 Monadnock Bldg., S. F.

Filed June 20, '13. Dated May 16, '13.
 Exterior plaster and interior lathing done\$2693

Brown coated 2694
 Completed and accepted..... 2694
 Usual 35 days..... 2694

TOTAL COST, \$10,775
 Bond, limit, forfeit, plans and specifications, none.

(2299) W DRUMM 91-8 S Sacramento S 31-9 W 70 S 14-4 W 67-6 N 46-1 E 137-6. Constructing and installing elevator for four-story and basement Class "C" building.

Owner.....John A. Lennon, 137 Sacramento, San Francisco.
 Architect...E. A. Garin, 37 Belvedere, San Francisco.

Contractor, S. F. Elevator Co., 864 Folsom, San Francisco.

Filed June 20, '13. Dated June —, '13.
 Guides in place..... 25%

Machinery in place..... 25%
 Elevator running 25%
 Usual 35 days..... 25%

TOTAL COST, \$1400
 Bond, \$1400. Sureties, E. B. Heinrich and Victor Stanquist. Limit, 30 days after notified. Forfeit, none. Plans and specifications filed.

(2300) FIRE EXTINGUISHER AND sprinkling system on above.

Contractor, Pacific Fire Extinguisher Co., 507 Montgomery, S. F.

Filed June 20, '13. Dated June 20, '13.
 Sprinkler work in building and ready for tank.....\$1852 50

Completed and accepted..... 1335 00
 Usual 35 days..... 1062 50

TOTAL COST, \$4250 00
 Bond, \$2125. Surety, Globe Indemnity Co. Limit, none. Forfeit, none. Plans and specifications filed.

(2301) E LARKIN 112-6 N Ellis N 25x E 68-9. All work for alterations to building No. 710 Larkin.

Owner.....Add Clark Norton and Rose Clark Biggs.

Supt.D. H. Thanel.
 Contractor, Robt Alexander.

Filed June 20, '13. Dated June 19, '13.
 Walls up 1/2
 Completion 1/2

Usual 35 days..... 1/2
TOTAL COST, \$1630

Bond, \$815. Surety, Massachusetts Bonding & Insurance Co. Limit, 30 days. Forfeit, none. Plans and specifications filed.

(2302) E TWENTY-FOURTH AVE 225 N Irving. Two-story and basement frame residence.

Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.

Architect...Jos. Cahen, 45 Kearny, San Francisco.

Day's work..... **COST, \$2000**

(2303) E TWENTY-FOURTH AVE 200 N Irving. Two-story and basement frame residence.

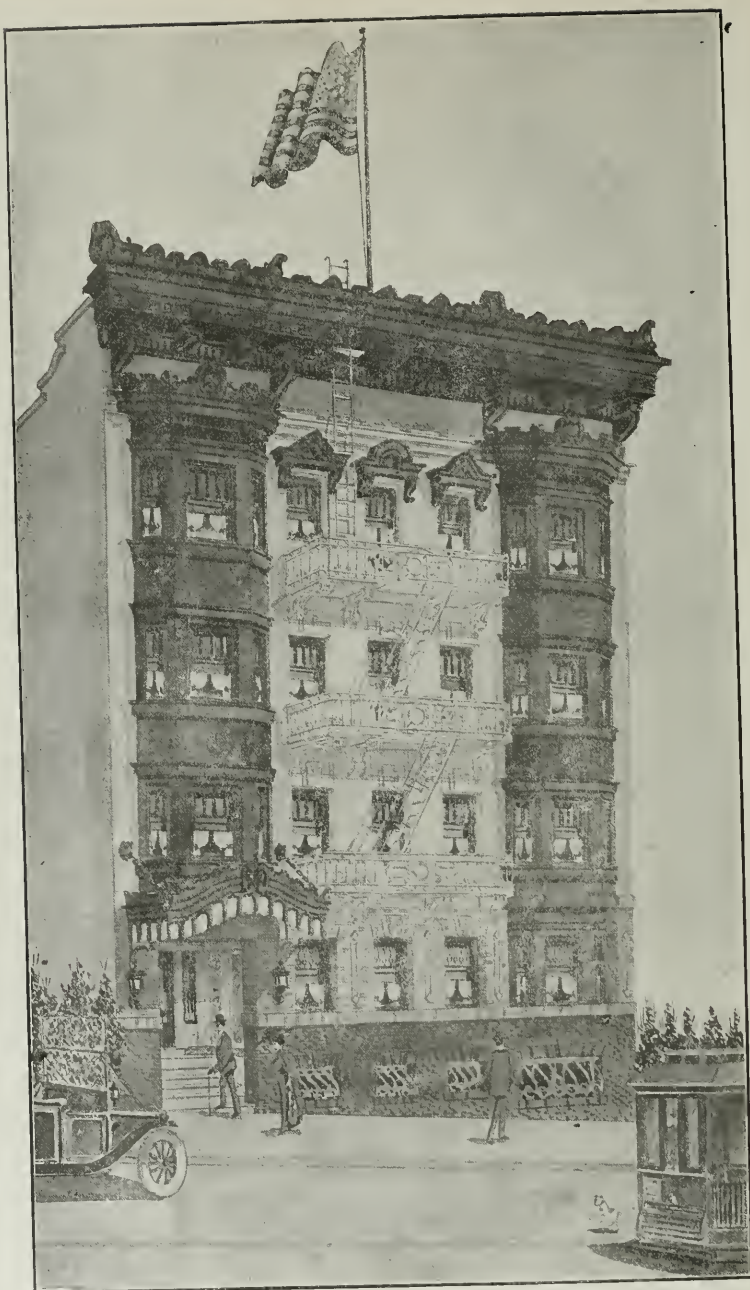
Owner.....Oscar Heyman & Bro., 742 Market, San Francisco.

Architect...Jos. Cahen, 45 Kearny, San Francisco.

Day's work..... **COST, \$2000**

(2304) NO. 114 THORNTON. Add 2 rooms and plaster same.

Owner.....John Stevilson, Premises.
 Architect...None.



MODERN APARTMENT HOUSE FOR MR. WOODS
San Francisco

P. J. Lynch, Gen. Contractor

C. S. McNally, Architect
San Francisco



NEW CHURCH EDIFICE FOR MISSION DOLORES
San Francisco,

Shea & Lofquist, Architects
San Francisco

Contractor...Martinet & Baaser, 1535
Felton, San Francisco.
COST, \$100

(2305) NO. 1759 SUTTER. Enlarge
rooms.
Owner.....Wm. H. Meller, Premises.
Architect...None.
Day's work. COST, \$450

(2306) NO. 158 GOLDEN GATE AVE.
Change three stores into one.
Owner.....Civic Center Garage, Prem.
Architect...O'Brien Bros., Clunie Bldg.
San Francisco.
Contractor...J. W. Carr, 180 Jessie,
San Francisco.
COST, \$500

(2307) EDDY, POWELL & MARKET.
Sheet metal electric sign work.
Owner.....The Odeon Cabaret, Prem.
Architect...None.
Contractor...Brumfield Elec. Sign Co.,
18 7th, San Francisco.
COST, \$500

(2308) N BROADWAY 42-6 E Baker.
Erect foundation.
Owner.....Albert Ehrman, 2710
Broadway, San Francisco.
Architect...None.
Day's work. COST, \$5000

(2309) SE MARKET AND EIGHTH.
One-story brick (3) stores.
Owner.....McCann & Johnson, Prem.
Architect...None.
Day's work. COST, \$3000

(2310) NO. 975 MARKET. Re-arrange
store front and general repairs.
Owner.....Ellers Music Co., Premises
Architect...Frank B. Gibson, 975
Market, San Francisco.
Day's work. COST, \$1000

(2311) E THIRTIETH AVE 225 N
Clement. One-story and basement
frame dwelling.
Owner.....P. H. Willie, 249 4th Ave.,
San Francisco.
Architect...C. H. Skidmore, Foxcroft
Bldg., San Francisco.
Contractor...Cleeve Carson & Son, 219
32nd Ave., San Francisco.
COST, \$1735

(2312) N PINE 92-6 W Front W 95 N
91-8 E 50 N 14-7 E 45 S 106-3. Exca-
vation, draining system, carpenter
and mill work, sheet metal, roofing,
plumbing, glazing, painting, etc., for
alterations and additions to Class
"C" building.

Owner.....Boyd Investment Co., 255
California, San Francisco.
Architect...Nathaniel Blaisdel, 255
California, San Francisco.
Contractor...C. P. Moore Bldg. Co., 212
Sharon Bldg., S. F.

Filed June 21, '13. Dated June 14, '13.
Drainage system completed and
plank floor laid on 1st floor.....\$525
Brick work of fire wall done and
sheet metal in.....525
Completed and accepted.....525
Usual 35 days.....525
TOTAL COST, \$2100
Bond, \$1050. Sureties, Robt. H. Rusch
and H. C. Bennett. Limit, 30 days.
Perfeit, \$10. Plans and specifications
filed.

(2313) W BRODERICK 25 S Page 25
x100. All work except grading, fin-
ish hardware, shades, gas and electric
fixtures for two-story frame (4
apartments).

Owner.....Mrs. C. F. Libby, 1024 Page
San Francisco.
Supt.C. F. Libby.
Contractor...Adolph Petry, 336 Pierce,
San Francisco.
Filed June 21, '13. Dated June 20, '13.
Roughly enclosed\$1787 50
Brown coated1787 50
Completed1787 50
Usual 35 days.....1787 50
TOTAL COST, \$7150 00
Bond, \$3575. Sureties, H. A. Norman
and E. W. Swift. Limit, 90 days after
June 10. Perfeit, none. Plans and
specifications filed

BUILDING OPERATIONS.

Building permits issued by the Bureau
of Building Inspection of the Board of
Public Works, for the week ending
June 13th, are as follows:

Class	No. of Bldg.	Amount
Class "C"	4	\$ 34,000
Frames	40	125,700
Alterations	68	37,467
Total	112	\$197,167

NOTICE OF NON-LIABILITY.

June 17, 1913—W TWENTY-NINTH
Ave 140 N Balboa N 100 W 91-8405
S 100-3 E 82-055. Sydney M Van
Wyck Jr and Critten Van Wyck as
to improvements on leased prop-
erty

RELEASE OF BLDG. CONTRACT.

June 18, 1913—S GEARY 76 W Lar-
kin. Owner, P. J. Gartland with
J Erick Johanson, contractor. Five
story building.....
June 18, 1913—SW POWELL AND
Broadway 93-6100. Jacob Surface,
owner with J C Tippett and Chas
Alsop, contractors

NOTICE OF NON-RESPONSIBILITY.

June 16, 1913—S BUSH 93-9 W Lyon
W 33-2½ S 55-9¼ W 51-5¼ S 25
E 51-5¼ S 26-8¼ E 33-2½ N 137-6.
Jas F Neall as to improvements on
leased property

OMISSION OF BIDDER'S NAME.

In connection with the list of figures
on the Sather Campanile, published in
Friday's issue, the name of Joseph
Musto Sons-Keenan Co. was omitted.
They were one of the four firms sub-
mitting bids on the marble work.
Their figures being: (a) \$60,500; (b)
\$53,400; (c) \$15,050.

COMPLETION NOTICES.

SAN FRANCISCO.

June 14, 1913—SW SIXTH 72 NW
Howard NW 48 SW 75 NW 45 SW
50 SE 75 NE 50 SE 18 NE 75. R D
McElroy to The George Goodman
Artificial Stone Co.....June 5, 1913
June 14, 1913—W SANCHEZ 86 S
Clipper S 28xW 80. The 29th St.
M E Church to Geo V McCausland
.....June 12, 1913
June 16, 1913—SE MARKET AND
Fremont NE 91-8xSE 137-6. San
Christina Invst Co to Claus A and
Rudolph Spreckels and as Trustees
to J E O'Mara.....June 10, 1913
June 16, 1913—N NINETEENTH 55 E
E Lexington Ave N 55x E 25. M F

Flaherty to L A Hinson.....June 9, 1913
June 16, 1913—EXPOSITION SITE.
Panama-Pacific International Ex-
position Co to Sunset Constr Co.
.....June 10, 1913
June 16, 1913—SW POWELL AND
Sutter W 100 S 75 E 100-04 N
76-10. York Realty Co to Alexander
Coleman.....May 28, 1913
June 16, 1913—BLOCK BDED BY
Valencia, Army, Duncan and San
Jose Ave. St. Luke's Hospital Co
to Western Laundry Machine Co
and S F Cornice Co.....June 12, 1913
June 17, 1913—N PINE 110 W Frank-
lin W 27-6xN 137-6. Kaspar Pischel
to L. Hippy.....June 17, 1913
June 17, 1913—S ¼ OF GREENWICH,
bet W Leavenworth and a line
parallel thereto and 171-10½ W
therefrom. Greenwich Terrace
Householding Ass'n to Rosario De
Luca.....June 1, 1913
June 17, 1913—S GREENWICH 37-6
W Kearny W 25xS 87-6. P Bergna
and L Ravanì to J Martinelli.....
June 17, 1913
June 17, 1913—W BRANNAN AND
Second NW 100xSW 122. Blinn Est
Co to Geo H Stoffels.....Dec. 31, 1912
June 17, 1913—SE MARKET 45-10
SW Spear SW 45-10xSE 137-6.
Sommer & Kaufmann Inc to For-
derer Cornice Works.....June 14, 1913
June 17, 1913—E STOCKTON 112-6 N
Greenwich N 25x E 100. Paul and
Marie De Bernardi to Ratto &
Glannini.....June 9, 1913
June 17, 1913—N BUSH 88-6 E Jones.
E L Hueter to Van Emon Elev. Co.
.....June 16, 1913
June 17, 1913—N TWENTY-SECOND
100 W Sanchez W 25xN 114. Emil
and wife Elsie Nelson to whom it
may concern.....June 13, 1913
June 17, 1913—S BROADWAY AND S
Columbus Ave W 9-8¼ S 30 E 22 N
65-2¼ NW 19-2¼. G B Antonini &
Co to Nelson & Bauer.....June 13, 1913
June 16, 1913—N CARMEL 125 E Cole
E 25xN 114-4 11-16. Andrew Lyon
to whom it may concern.....June 16, 1913
June 18, 1913—SE THIRD & TESHAMA
S 30 E 50 S 50 E 25 N 80 W 105.
Walter H Sullivan to Howard S
Williams.....June 17, 1913
June 18, 1913—W KEARNY 134-11 N
Washington N 50 W 50-5 N 0-2 W
57-6 S 50-2 E 107-11 50 v 31-32.
Louis Friedman & Samuel Gerson
to Mollath Bros & Knieling.....
June 12, 1913
June 19, 1913—S MARKET & BRADY
SW 75xSE 124. Sierra Investment
Co to Turner Co (2 acceptances;
one for heating plant and one for
plumbing)June 19, 1913
June 19, 1913—S TWENTY-SIXTH
120 E Dolores E 25xS 150. Jozsef
Jakob to M C Bateman.....April 25, 1913
June 19, 1913—NW FOURTH AND
Minna N 30xW 75. Mary Gay to
Sheppard Bros.....June 17, 1913
June 19, 1913—W HOWARD 90 S 20th
S 29-10xW 95. Catherine C Bannan
to Mager Bros.....June 19, 1913
June 19, 1913—N CLEMENT 57-6 W
Fifth Ave W 50xN 100. Eugene
Clarke, agent for Walter S Thomp-
son, to whom it may concern.....
June 15, 1913
June 19, 1913—NE CALIFORNIA AND
Liedesdorff E 30 N 124 W 30 S to
beg. The Liverpool & London &
Globe Insurance Co (Ltd) to J E
Steere.....June 5, 1913
June 19, 1913—NW FOURTH AND
Minna N 30xW 75. Mary Gay to
Wm J Black.....June 16, 1913

June 19, 1913—S PINE 37-6 E Leavenworth E 25xS 87-6. Theodore E Rulfs to whom it may concern..... June 19, 1913

June 19, 1913—EXPOSITION SITE. Panama-Pacific International Exposition Co to Sunset Constr Co..... June 16, 1913

June 20, 1913—S MARKET AND Brady SW 75xSE 124. Sierra Investment Co to Roberts Mfg Co..... June 20, 1913

June 20, 1913—E ROTTECK 85-8½ S Bosworth S 50xSE 100. Edward D Swift and James F Heffernan to J F Heffernan..... June 18, 1913

June 20, 1913—E NEVADA 100 N Powhattan 25x70. Jos C Stromswold to whom it may concern..... June 10, 1913

June 20, 1913—S MARKET & BRADY SW 75xSE 124. Sierra Investment Co to John G Sutton Co..... June 19, '13

June 20, 1913—E SEVENTH AVE 275 S "C." Peter and Lena C Nelson to G G Moren..... June 20, 1913

June 20, 1913—NE FOURTH AND Mission N 80xSE 80. The Voorman Co by P J Walker Co, agents, to T W McClenahan..... June 20, 1913

June 20, 1913—NW O'FARRELL & Webster 80 on Webster and having frontage of 82-6. C F W Vette to A Petry..... June 19, 1913

June 20, 1913—S TWENTY-FOURTH 190 W Castro W 25xS 114. Josephine Mary Nielsen to whom it may concern..... June 18, 1913

June 19, 1913—S PINE 62-6 E Leavenworth E 25xS 87-6. J Eric Johanson to whom it may concern..... June 19, 1913

LIENS FILED.

San Francisco.

June 13, 1913—LOT 292 Gift Map No. 3. Joseph Gallagher, \$235; Frank Griffin; \$135; D F Mulville, \$127.10; George Drew, \$93; Holden-Dunprey Co, \$87.17; City Protective Elec Co, \$40 vs Mary Chesney & W Burnett

June 14, 1913—E HYDE 97-6 S Geary S 40xSE 68-6. A E Hornlein vs David L Reynolds and Charlotte V Reynolds \$86.78

June 14, 1913—N TWENTY-THIRD 105 W Castro W 150 N 114. Hartwood Lumber Co vs William F Altwater, Thomas Sippett and S Malmberg \$2380.29

June 14, 1913—SW EDDY & MASON W 137-6xS 137-6. Fibrestone & Roofing Co vs Mary Prior (widow), Lester F Prior, Matilda Andrews, Margaret Delger, Josephine Metzner and Down Town Realty Co., \$253

June 14, 1913—SW TURK & POLK S 120 W 97-6 N 30 E 30 N 90 E 67-6. A E Hornlein vs John Gallwey and Charles W Slack, extras Estate Reuben H Lloyd dec'd, \$302.93

June 16, 1913—SW EDDY & MASON W 137-6xS 137-6. Fibrestone & Roofing Co vs Mary Prior (widow); Lester F Prior, Matilda Andrews, Margaret Delger, Josephine Metzner and Down Town Realty Co., \$253

June 17, 1913—SW EDDY & MASON S 137-6xW 137-6. Morris Stulsaft Co vs Mary and Lester F Prior, Matilda Andrews, Margaret Delger, Josephine Metzner and Down Town Realty Co., \$106.77

June 18, 1913—SE HOWARD 135 SW Third SW 40xSE 80. Joseph Musto

Sons-Keenan Co vs Jas P Sweeney and Bishop & Duarte..... \$217.50

June 20, 1913—SE HOWARD 135 SW 3rd SW 40xSE 80. J H Kruse, \$56.60; California Plate & Window Glass Co, \$232.16; Zenith Iron Wks, \$348.25 vs James P Sweeney and Bishop & Duarte.....

June 20, 1913—SE MARKET 45-10 SW Spear SW 45-10xSE 137-6. Chicago Hoist Engine Co vs Sommer & Kaufman Inc..... \$70.50

June 20, 1913—SE HOWARD 135 SW Third SW 40xSE 80 100 V B 367. Edward V Lacey (as Lacey Bros.) vs James P Sweeney and Bishop & Duarte \$882.16

June 19, 1913—W NATOMA 205 N 15th 25x80. W W Montague & Co vs Mary McConnell..... \$54.25

June 19, 1913—SE HOWARD 135 SW Third SW 40xSE 80. Capitol Sheet Metal Works, \$202.25; James H Hardy, \$332 vs James P Sweeney and Bishop & Duarte.....

OAKLAND AND ALAMEDA

APARTMENT HOUSE—3 story and base, frame. Cost not stated. Oakland, Cal. Architect, none. Owners, Inter Cities Home Builders, 1764 Broadway, Oakland. This company are now erecting an apartment house containing eight suites of two and three rooms at the corner of 40th and Broadway. They are in the market for wall beds, bids on plumbing, plastering, electric work, painting, sash and door work, lumber, mill work and mirrors.

CAMPANILE — Steel and granite. Cost not stated. Berkeley, Alameda Co, Cal. Architect, John Galen Howard, 602 Mission St., S. F. Owners, Regents of the University of California. Bids for the construction of the various parts of the work in connection with the construction of the Sather Campanile, which is to be erected on the university campus at Berkeley, were opened by the Board of Regents on Thursday morning, June 19. The campanile was designed by Architect John Galen Howard. Bids for the work were received as follows: For the elevator work, excavating and concrete work, granite work, marble work, ornamental metal and for the structural steel. The California Construction Co. were low on the structural steel, California Art Metal and Wire Co. were low on the ornamental metal work, Lewis A. Hicks Co. were low on the excavating and concrete work and the Otis Elevator Co. low on the elevator work. The marble and granite work attracted a large number of bidders who submitted alternatives, and the lowest bidder cannot be determined at this time. A complete list of the bids opened by the Regents of the University appears under the heading of Oakland and Alameda County in this issue.

RESIDENCE — 2 story and base, frame, \$8,000. Oakland, Cal. Architect, Julia Morgan, Merchants' Exchange Bldg., S. F. Owner, C. H. Redington. The dwelling will be erected in East Oakland, and has been designed for an eight-room house with baths and sleeping porch. Interior finish will be of pine and hardwood. Hardwood floors will be used in the dining room, living room, den and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Tile will be

used in the kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$1,500. Berkeley, Alameda Co, Cal. Architect, Frank S. Forster, 1417 Arch St., Berkeley. Owner, Dr. C. L. Roadhouse. This dwelling, which is to be erected in North Berkeley, has been designed for a seven-room house with all modern conveniences. Interior will be finished in pine and some oak. Hardwood floors will be used in the living room, dining room and reception hall. There will be furnace heat and an open fire place. Mantel will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken.

RESIDENCE — 2 story and base, frame, \$1,500. Berkeley, Alameda Co, Cal. Architect, none. Owner, C. B. Crane, 1600 La Loma Ave., Berkeley. The dwelling will contain eight rooms, bath and sleeping porch, and is to be erected at the northwest corner of Cedar and La Loma streets. Interior finish will be of pine with some oak. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Bath room will be finished in cement plaster. Tile will be used in the kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and in the hands of the owner who will do the work by Day Labor. He is now in the market for all materials.

RESIDENCE — 2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Hutchinson Eros, 470 13th St., Oakland. Owner, B. Axeloulen. The house will be erected in 4th Avenue Terrace, and has been designed for an eight-room dwelling with bath and sleeping porch. Interior will be finished in pine throughout with hardwood floors in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of tile or brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken for the work.

RESIDENCE — 2 story and base, frame, \$9,000. Oakland, Cal. Architect, Charles W. McCall, Central Bank Bldg., Oakland. Owner, J. Gregory. This house is to be erected on Calmar avenue and has been designed to contain nine rooms, three baths and a sleeping porch. Interior will be handsomely finished in pine and hardwoods. Hardwood floors will be used in the living room, dining room, reception hall and den. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. Cuen stone will also be used for one mantel. An automatic water heater will be installed. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are now being taken by the architect.

RESIDENCE — 2 story and base,

frame. Cost not stated. Oakland, Cal. Architect, Ivan C. Satterlee, 470 13th St., Oakland. Owner, Mary Schwartz. The dwelling will be erected on Valle Vista avenue and has been designed for an eight-room house with bath. Interior finish will be of pine throughout. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans have been out for figures once and have since been revised. New bids are now being taken.

APARTMENT HOUSE—3 story and base, frame, \$20,000. Oakland, Cal. Architects, National Architectural and Engineering Co., Foxcroft Bldg., S. F. Owner's name withheld. The building will be designed to contain 24 apartments arranged in suites of two and three rooms each. The building covers an area of 50x114 feet. Interior will be finished in pine with some hardwood floors. There will be a central heating system, wall beds and private bath rooms. Entrance will be finished in tile and marble. Exterior of the building will be covered with cement plaster on metal lath. Plans are now being prepared.

SOLID FILL—Cost not stated. Oakland, Cal. Engineer, Engineering Department Key Route System. Owners, Key Route System, Contractors, Daniel Contracting Co., 503 Market St., S. F. Contract price, \$500,000. The Daniel Contracting Co. has been awarded a contract for the solid fill from the Oakland Shore line to the bulkhead line, a distance greater than half the length of the present Key Route pier. The contract price is stated to be \$500,000.

HOTEL SUBFIGURES—5 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, none. Owners, Inter Cities Home Builders, 1764 Broadway, Oakland. This firm are now in the market for lumber, brick work, plumbing, plastering, electric work, structural iron and sheet metal work for a five-story hotel building.

HOTEL—7 story and base, brick and steel. Cost not stated. Oakland, Cal. Architect, F. D. Voorhees, Central Bank Bldg., Oakland. Owner, H. A. Powell. This building will be erected at the northeast corner of 13th and Franklin streets, and will be arranged for stores on the first floor and guest rooms above. Interior will be finished in pine and hardwood. All rooms will have connecting baths. Bath rooms will be finished in cement plaster and tile. There will be steam heat, elevator service and a vacuum cleaning plant. Exterior of the building will be faced with pressed brick. Plans for the steel work are complete and figures are being taken. Plans will be out for figures on the balance of the work within a short time.

RESIDENCE—2 story and base, frame, \$3,000. Alameda, Alameda Co., Cal. Architect, William Dufour, 2326 Santa Clara Ave., Alameda. Owner, Mrs. M. L. Murray. The dwelling will be erected on Versailles avenue and has been designed to contain six rooms and bath. Interior finish will be of pine with some hardwood veneer. Hardwood floors will be used in the dining room, living room and reception hall. There will be furnace heat and open fire place. Mantel will be of

brick. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are complete and figures are being taken by the architect.

BUNGALOW—1½ story and base, frame, \$2,500. Alameda, Alameda Co., Cal. Architects, Newsom & Dixon, 812 Broadway, Oakland. Owner, J. Lundholm. The bungalow has been designed for a seven-room house with bath. Interior will be finished in pine with hardwood floors in the dining room, living room and reception hall. There will be a large open fire place in the living room with brick mantel. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and work will be done by Day Labor.

BUNGALOW—1½ story and base, frame, \$2,700. Oakland, Cal. Architect, K. C. Morrison, 413 62nd St., Oakland. Owner, Frank Murdock. The dwelling has been designed for a six-room house with bath. Interior will be finished in pine throughout. Hardwood floors will be used in the principal rooms. There will be open fire places and tile or brick mantels. Tile will be used in the bath room and kitchen. Exterior of the dwelling will be covered with rustic and shingles. Plans are complete and the work will be done by Day Labor.

RESIDENCE—2 story and base, frame. Cost not stated. Oakland, Cal. Architects, Hutchins Bros., 470 15th St., Oakland. Owner, Mr. Joritz. The dwelling will be erected in Fourth Avenue Terrace, and has been designed for an eight-room house with bath and sleeping porch. Interior will be finished in pine and hardwood. Hardwood floors will be used in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick. Tile will be used in the bath room and kitchen. An automatic water heater will be installed. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

STORES AND OFFICES—10 story and base. Class A construction. Cost not stated. Oakland, Cal. Architect, Edward B. Seely, 253 California St., S. F. Owner, Frank W. Bilger. The building will be erected on the north side of 16th street, 50 feet east of San Pablo avenue. Details of the construction have not been fully settled upon and cannot be given at this time. There will be a complete steel frame. Exterior will probably be faced with pressed brick and terra cotta. Further mention of the work will be made as the plans progress.

Thursday morning. The campaign was designed by Architect John Galen Howard and when completed will be one of the finest pieces of architecture on the University grounds. The Sather Campanile is the gift of Mrs. Sather.

Bids for the work were received as follows: For the elevator work, excavating and concrete work, granite work, marble work, ornamental metal and for the structural steel. The California Construction Co. were low on the structural steel, California Art Metal & Wire Co. were low on the ornamental metal work, Lewis A. Hicks Co. were low on the excavating and concrete work and the Otis Elevator Co. low on the elevator work. The marble and granite work attracted a large number of bidders who submitted alternates and the lowest bidder can not be determined at this time. The following is a complete list of all bids opened by the Regents of the University:

Elevator Work.

Otis Elevator Co. \$2,900.
Van Emon Elevator Co. 1,060.

Excavating and Concrete Work.

Clinton Fireproofing Co. \$41,400.
J. L. Brown 45,000.
R. Rolandi 45,170.
Lewis A. Hicks Co. 41,350.
Contra Costa Constr. Co. 49,890.
Foster Costa Co. 44,857.
State Constr. Co. 51,219.
Thurston & Co. 44,900.
Van Sant-Hughison Co. 51,076.

Granite Work.

California Granite Co. (a) \$48,575;
(b) \$43,000 (a and b) \$91,575.
McGillivray-Raymond Granite Co. (a) \$44,695; (b) \$32,325; (a and b) \$77,220.
Raymond Granite Co. (a) \$53,000; (b) \$39,500; (a and b) \$72,500.

Marble Work.

Vermont Marble Co. (a) \$45,000; (b) \$63,000; (c) \$13,500; (a, b and c) \$118,500.
Vermont Marble Co. (a) \$50,600; (b) \$64,500; (c) \$13,800; (a, b and c) \$125,500.
McGillivray Stone Co. (a) \$61,130; (b) \$50,230; (c) \$14,100.

Raymond Granite Co. (c) \$12,250.

Ornamental Metal Work.

Sealmere (probably a mistake) \$ 5,000.
Monarch Iron Works 20,701.
Sartorius Co. 15,650.
Cal. Art Metal & Wire Co. 19,200.

Structural Steel Work.

Pacific Rolling Mill Co. \$46,022.
California Constr. Co. 43,000.
Dyer Bros. 44,000.

Building Contracts Awarded.

Oakland.

Bid Opened For Sather Campanile.

University Regents Consider Many Bids For Various Parts of The Big Campanile.

Bids for the construction of the various parts of the work in connection with the construction of the Sather Campanile, which is to be erected on the University Campus at Berkeley, were opened by the Board of Regents on

No.	Owner	Contractor	Am't.
1863	Kilbey	Kilbey	1600
1864	Ure	Ure	1000
1865	Denegir	Burnett	400
1866	Cochran	Wieben	1500
1870	Webster St. Br. S F Bridge		11800
1872	Elliot	Fabing	2000
1874	Care	Rich	2500
1875	Jund	Almquist	5700
1878	Norcross	Nichols	7436
1879	Nygren	Peterson	
1880	Bishop	MacIntyre	
1881	Morris	Morris	1600
1882	Fletcher	Newby	2500
1883	Clark	Nichols	
1884	Hubert	Hubert	600
1885	Beati	Sanner	1000
1886	Christianson	Owner	2000
1887	Montano	Peaske	3200
1891	Montro	Converse	3200
1892	Schwartz	Lindsay	4658
1901	Conklin	Peterson	6247
1902	Fraser	Griffin	2500
1903	Courtright	Owner	2500

BUILDING AND INDUSTRIAL NEWS

- 1904 Bischoff Bischoff 2000
 1905 Same Same 2500
 1909 Hinch Hinch 2500
 1910 Angell Angell 550
 1911 Savaglio Savaglio 600
 1912 Brudleusky Geary 1600
 1914 Brooks Brooks 1000
 1915 Clap Koller 2400
 1916 Morse Christiansen 7900
 1917 Burkes Fein 3456
 1918 Baxter Colt 16500
 1919 Wood Wood 2000
 1920 Same Same 1700
 1921 Mahnstrom Owner 1000
 1922 Martin Martin 1000
 1923 McAllister Anderson 5950
 1927 Winkerson Jones 1200
 1928 Harmon Lydskens 2450
 1932 Sheridan Sheridan 2450
 1933 Rosenkranz Sheridan 500
 1934 Chaumette St. Mary 1600
 1935 Hinchman Sims 2500
 1936 Bolts Ellis 3600
 1937 Ellis Ellis 6942
 1938 Redington Whidden 500
 1939 Standenmyer Bassett 400
 1940 Normesvelt Owner 400
 1941 Ress Doss 400
 1942 Locke Porter 600
- (1863) E SEVENTY-FIFTH AVE 272
 S Rudsdale, Oakland. One-story 5-room dwelling.
 Owner.....Wm. Klibbey, 9033 B St., Oakland.
 Architect...None.
 Day's work..... COST, \$1600
- (1864) NO. 415 E-SIXTEENTH, Oakland. Alterations.
 Owner.....Jas. Ure, Premises.
 Architect...None.
 Day's work..... COST, \$1000
- (1865) NO. 473 FORTY-THIRD, Oakland. Alterations.
 Owner.....A. Denegir, 471 43rd, Okd.
 Architect...None.
 Contractor..G. Brunetti, 443 43rd, Okd.
 COST, \$400
- (1866) W ELMWOOD AVE 185 E 34th Ave., Oakland. One-story 4-room dwelling.
 Owner.....Horace Cochran, 3245 E 12th, Oakland.
 Architect...None.
 Contractor..Alex C. Wieben, 2010 33th Ave., Oakland.
 COST, \$1500
- (1870) BDED ON W BY WEBSTER, S by N Harbor 1 Oakland Harbor, E by water slip and bunkers and land leased to Bay Development Co., on N by private alley commonly called Heindold Ave. 55x363, Oakland. All work except piling, plain and creosoted, which will be furnished by owner f. o. b. wharf site to the contractor, for bulkhead, wharf and one-story frame building.
 Owner.....Webster Street Wharf Co.
 Architect...None.
 Contractor..S. F. Bridge Co., Monadnock Bldg., S. F.
 Filed June 16, '13. Dated June 11, '13.
 15th of each month..... 75%
 Usual 35 days..... 25%
 TOTAL COST, \$11,800
 Bond, \$7500. Sureties, Anson S. Blake and H. Kruse. Limit, 66 days. Forfeited, none. Plans and specifications filed.
- (1873) NE CHAMPION & PLEASANT, Oakland. One-story 5-room dwlg.
 Owner.....D. J. Elliott.
 Architect...None.
 Contractor..F. N. Fabing, 1135 E-33rd, Oakland.
 COST, \$2000
- (1874) N TAFT AVE —, Oakland. One and one-half-story 5-room dwlg.
 Owner.....Neel Carey.
 Architect...Al. J. Mazurette, Bacon Bldg., Oakland.
- Contractor..James L. Rich, 3900 Lusk, Oakland.
 COST, \$2500
- (1875) NW FORTY-FOURTH AND Telegraph Ave., Oakland. Two-story 8-room dwelling.
 Owner.....Geo. Jund, NW Cor. 45th and Telegraph, Oakland.
 Architect...None.
 Contractor..A. W. Almquist, 464 43rd, Oakland.
 COST, \$5700
- (1878) NE TWENTY-FOURTH AND Webster E 100xN 58.60, Oakland. All work for raising building and building store underneath.
 Owner.....G. V. Norcross, Oakland.
 Architect...Karl H. Nickell, 1822 Oakland Ave., Oakland.
 Contractor..Leo L. Nichols, MacDonough Bldg., Oakland.
 Filed June 17, '13. Dated June 4, '13.
 1st and 15th of each month..... 75%
 Completed and accepted..... 25%
 TOTAL COST, \$7436
 Bond, none. Limit, 60 days. Forfeited, none. Plans and specifications filed.
- (1879) LOT 1 BLK 4, Melrose Heights Tract, Oakland. All work for dwelling.
 Owner.....Capt. A. W. Nygren, 1508 19th Ave., Oakland.
 Architect...None.
 Contractor..Peterson & Peterson, Okd.
 Filed June 17, '13. Dated May 30, '13.
 Completed.....\$125
 TOTAL COST, \$—
 Bond, none. Limit, as soon as possible. Forfeited, plans and specifications, none.
 NOTE—Percentage job, owner to pay all bills.
- (1880) NO. 125 GRAND AVE, Oakland Alterations.
 Owner.....L. H. Bishop, 131 Laguna Ave., Oakland.
 Architect...None.
 Contractor..F. G. MacIntyre, 335 34th, Oakland.
 COST, \$400
- (1881) W PERALTA AVE 110 S Nichol Ave., Oakland. One-story 5-room dwelling.
 Owner.....Wm. M. Morris, 2541 San Pablo Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$1600
- (1882) E ANSEON 200 S Blanch, Oakland. One-story 5-room dwelling.
 Owner.....Fletcher & Newby, 1431 79th Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$2500
- (1883) NO. 962 SIXTY-FIRST, Oakland Addition.
 Owner.....Byron W. Clark, Premises.
 Architect...None.
 Contractor..R. F. Nichols, 1195 53rd, Oakland.
 COST, \$400
- (1884) NO. 2139 CHESTNUT, Oakland One-story 1-room dwelling and barn.
 Owner.....G. F. Hubert, Premises.
 Architect...None.
 Day's work..... COST, \$600
- (1885) W SEVENTY-SEVENTH AVE — 200 N S P Track, Oakland. One-story 4-room dwelling.
 Owner.....Leon Beall, 1506 Lyon, Oakland.
 Architect...None.
 Contractor..Aug. Saunier.
 COST, \$1000
- (1886) W LEISE AVE 85 N Carrington, Oakland. One-story 5-room dwlg
 Owner.....N. Christensen, 1932 Irving Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$2000
- (1891) NE GREENWOOD & BRIGHTON AVE, Oakland. Two-story 6-room dwelling.
 Owner.....Leo Monroe, 816 Union, Oakland.
 Architect...None.
 Contractor..Wm. Converse, 554 62nd Oakland.
 COST, \$3200
- (1893) LOT 115 and 20 ft. Lot 116 Map A. J. Snyder's Piedmont Terrace-by-the-Lake Tract, Oakland. All work except plumbing and electric fixtures and work around sink in order to install combination sink and drain board for one and one-half-story dwelling and garage.
 Owner.....Mary Schwartz, Oakland.
 Architect...Ivan C. Satterlee, 470 13th Oakland.
 Contractor..J. A. Parkinson and E. G. Lindsay, 3051 Shattuck Ave., Berkeley.
 Filed June 18, '13. Dated June 18, '13.
 Rough frame up and sheathing and roof boards on.....\$1164.62
 Plastered inside and outside. 1164.62
 Completed and accepted and notice filed..... 1164.62
 Usual 35 days..... 1164.63
 TOTAL COST, \$4658.50
 Bond, \$2329.25. Sureties, H. J. Quinn and H. H. Watson. Limit, 80 days. Forfeited, none. Plans and specifications filed.
- (1902) NO. 515 OAK, Oakland. Addition.
 Owner.....F. Frasher, Premises.
 Architect...None.
 Contractor..C. M. Griffin, 746 5th Ave., Oakland.
 COST, \$2500
- (1903) W KEITH AVE 600 E College Ave., Oakland. Two-story 6-room dwelling.
 Owner.....T. D. Courtright, 5637 Shafter Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$2500
- (1904) E HILLEGASS AVE 48 S 62nd, Oakland. One-story 6-room dwelling
 Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$2000
- (1905) E HILLEGASS AVE 88 S 62nd, Oakland. One and one-half-story 6-room dwelling.
 Owner.....Jno. A. Bischoff, 551 Crofton Ave., Oakland.
 Architect...None.
 Day's work..... COST, \$2500
- (1909) S PLEASANT VALLEY 310 E Piedmont Ave., Oakland. One-story 5-room dwelling.
 Owner.....J. T. Hinch, 1542 Broadway, Oakland.
 Architect...None.
 Day's work..... COST, \$2500
- (1910) N TWENTY-SIXTH 300 E West, Oakland. One-story barn.
 Owner.....G. Angell, 654 26th, Okd.
 Architect...None.
 Day's work..... COST, \$550

(1911) E EIGHTY-EIGHTH AVE 100 to 150 S "E", Oakland. Three one-story green houses.
Owner.....Rocco Savagnio.
Architect ...None.
Day's work. COST, \$600

(1912) N FIFTY-SEVENTH 90 W Shattuck Ave., Oakland. One-story 4-room dwelling.
Owner.....Ferdinand Brudleusky 57th and Shattuck Ave., Oakland.
Architect ...None.
Contractor...L. G. Geary, 5352 Locksley, Oakland.
COST, \$1600

(1914) N MADELINE 550 W Maple Ave., Oakland. One-story 3-room dwelling.
Owner.....F. W. Brooks, 2203 Hopkins, Oakland.
Architect ...None.
Contractor...W. R. Brooks, 3325 Peralta Ave., Oakland.
COST, \$1000

(1915) E RAMONA 100 N Moraka, Oakland. One-story 6-room dwlg.
Owner.....W. A. Clap, 2038 Lincoln Ave., Oakland.
Architect ...None.
Contractor...Jacob Kollmer, 2753 Piedmont Ave., Oakland.
COST, \$2400

(1916) NE FORTIETH AND OPAL, Oakland. Two-story flats and stores
Owner.....J. R. Morse, 2312 9th, Berkeley.
Architect ...C. M., A. F., and O. M. Rousseau, Monadnock Bldg San Francisco.
Contractor...Christiansen & Smith, 331 Hugo, San Francisco.
COST, \$7900

(1917) N EXCELSIOR AVE 260 E Lake Shore Ave., Oakland. One and one-half-story 8-room dwelling.
Owner.....L. J. Burkes, 2845 Regent, Berkeley.
Architect ...None.
Contractor...Theo. Penn, 749 61st Ave., Oakland.
COST, \$3456

(1918) N TWELFTH 70 E Harrison being E 5 feet Lots 1, 2, 3, 4, and 5 and Lots 28, 27, 26 and 25 Blk 171, Kellersberger's Map Oakland, Oakland. All work for one-story brick store building.
Owner.....George P. Baxter, 2437 Piedmont Ave., Berkeley.
Architect ...None.
Contractor...Roger Coit, 1522 Broadway, Oakland.
Filed June 20, '13. Dated June 18, '13.
Roof on and building roughed in\$3500
Plastering completed 3500
Completed 3000
Usual 35 days..... 6500
TOTAL COST, \$16,500
Bond, \$10,000. Surety, Fidelity & Deposit Co. Limit, 105 days. Forfeit, none. Plans and specifications filed.

(1919) E SIXTY-EIGHTH AVE 130 S Fairview, Oakland. One-story five-room dwelling.
Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.
Architect ...None.
Days work. COST, \$2000

(1920) E HILLSIDE AVE 120 S Fortune Way, Oakland. One-story five-room dwelling.
Owner.....H. L. Wood, 2300 Seminary Ave., Oakland.
Architect ...None.
Days work. COST, \$2000

(1921) E TWENTY-SEVENTH AVE 160 N E-23rd, Oakland. One-story 6-room dwelling.
Owner.....J. E. Malmstrom, 2326 27th Ave., Oakland.
Architect ...None.
Day's work. COST, \$1700

(1922) N DOWLING 280 W 90th Ave., Oakland. One-story 4-room dwlg.
Owner.....H. G. E. Martin, 8836 Dowling, Oakland.
Architect ...None.
Day's work. COST, \$1000

(1925) FORTY-SECOND AND RICH, Oakland. Church.
Owner.....Geo. McAllister.
Architect ...None.
Contractor...T. G. Anderson, 3839 Clark, Oakland.
COST, \$4000

(1927) S PARK AVE 2362 W San Pablo W 26.5 S 125 and S Park Ave 106.5 E Hubbard E 53 S 125, Emeryville. All work for two-story frame apartment house.
Owner.....Mrs. A. J. Wilkerson, Park Ave., Emeryville.
Architect ...None.
Contractor...Jones Bros., 5829 Lawton Ave., Oakland.
Filed June 20, '13. Dated June 18, '13.
Frame up\$1487 50
Brown coated 1487 50
Completed 1487 50
Usual 35 days..... 1487 50
TOTAL COST, \$5950 00
Bond, limit, forfeit, none. Plans and specifications filed.

(1928) S E-FOURTEENTH 550 W Fruitvale Ave., Oakland. Addition.
Owner.....E. Harmon, 2581 E-14th, Oakland.
Architect ...None.
Contractor...Geo. Lydixsen, 1616 25th Ave., Oakland.
COST, \$1200

(1932) W SIXTY-FOURTH AVE 300 N E-14th, Oakland. One-story 6-room dwelling.
Owner.....K. M. Sheridan, Oakland.
Architect ...None.
Day's work. COST, \$2450

(1933) NE E-FOURTEENTH & 62ND Ave., Oakland. One-story 6-room dwelling and store.
Owner.....O. Rosenkranz, 1020 Broadway, Oakland.
Architect ...None.
Contractor...R. M. Sheridan, 1020 Broadway, Oakland.
COST, \$2450

(1934) S ALMOND 50 E 94th Ave., Oakland. One-story 3-room dwelling
Owner.....Mrs. E. M. Chaumette, 94th Ave and Sunnyside, Okd.
Architect ...None.
Contractor...Joe St. Mary, 2210 90th Ave., Oakland.
COST, \$500

(1935) N SANTA CLARA AVE 239 SE Oakland Ave., Oakland. One and one half-story 3-room dwelling.

Owner.....Albert A. Hinchman, 166 Santa Clara Ave., Oakland.
Architect ...None.
Contractor...E. Sims, 272 40th, Okd.
COST, \$1600

(1936) N POOTHILL BLVD 60 E 51st Ave., Oakland. One-story 6-room dwelling.
Owner.....M. C. Bolts, 3116 Central Ave., Alameda.
Architect ...None.
Day's work. COST, \$2500

(1937) NW SEVENTH AVE AND E-23rd, Oakland. Two-story 7-room dwelling.
Owner.....Geo. C. Ellis, 1929 24th Ave., Oakland.
Architect ...None.
Day's work. COST, \$3600

(1938) LOT 6 BLK 24 Map Lakeside Tract Adam's Point Ppty, Oakland. All work for two-story and basement frame dwelling.
Owner.....C. H. Redington, 210 Security Bank Bldg., Okd.
Architect ...Julia Morgan, Merchants' Exchange Bldg., S. F.
Contractor...G. R. Whidden, 505 Chicago Ave., Oakland.

Filed June 21, '13. Dated June 21, '13.
Frame up and sheathed.....\$1301 50
Inspected for lathing..... 1301 50
Plastered 2nd coat interior and exterior 1301 50
Completed and accepted..... 1301 50
Usual 35 days..... 1736 00
TOTAL COST, \$6942 00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

(1939) NO. 2253 E-FOURTEENTH, Oakland. Alterations.
Owner.....Ben E. Standenmyer, Prem Architect ...None.
Contractor...E. D. Bassett, 804 Fruitvale Ave., Oakland.
COST, \$500

(1940) NOS. 419-421 OAKLAND AVE., Oakland. Fire repairs.
Owner.....Nelson Bormsevell, 253 Bacon Bldg., Oakland.
Architect ...None.
Day's work. COST, \$400

(1941) NO. 890 FIFTY-THIRD, Oakland. Garage.
Owner.....C. Ress, Premises.
Architect ...None.
Contractor...C. A. Doss, 2028 E-15th, Oakland.
COST, \$400

(1942) NO. 655 WALSWORTH AVE., Oakland. Garage.
Owner.....W. L. Locke, Premises
Architect ...None.
Contractor...Wm. Porter, 1914 Vine, Berkeley.
COST, \$600

Building Contracts Awarded Berkeley.

No.	Owner	Contractor	Am't.
1862	Caldwell	Okd Bldg Co	3500
1867	Bower	Jesperson	3000
1868	Elston	Broad	2000
1869	Jewell	Jewell	1300
1871	McRae	Jerriman	4000
1872	Cal Ink	Arlett	20000
1876	Page	Franklin	2000
1877	Pillsburg	May	400
1888	Sorrick	Peake	1150
1889	Chase	Chase	2700
1890	Hailey	Spitler	1800
1892	Ala Co	Hm Invest.	4500
1894	White	House	5400

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1906 Crane	Crane	4300
1907 Koehrer	Koehrer	1300
1908 Texdahl	Texdahl	1900
1913 Hiteman	Dwyer	1250
1923 Davenport	Owner	1300
1924 Stoddard	Marshall	1000

(1862) S HILLCREST ROAD 300 W
Upland, Berkeley. One-story six-
room dwelling.

Owner.....W. A. Caldwell, State Inst.
for the Blind, Berkeley.

Architect...None.
Contractor...Oakland Bldg. Co., Security
Bank Bldg., Oakland.

COST, \$3500

(1867) W WEST 95 N 52nd, Berkeley.
One and one-half-story 6-room dwlg.
Owner.....A. Ewer, 53rd and Grove,
Berkeley.

Architect...None.
Contractor...Je person & Dippe, 875,
54th, Oakland.

COST, \$3000

(1868) N CHANNING WAY 350 E
Telegraph Ave., Berkeley. Altera-
tions.

Owner.....Arthur Elston.
Architect...None.
Contractor...A. H. Broad, 2117 Kit-
tridge, Berkeley.

COST, \$2000

(1869) S OREGON 40 E Mathews,
Berkeley. Two-story 7-room dwlg.
Owner.....Victor Jewell, Premises.

Architect...None.
Day's work.

COST, \$1800

(1871) N VIRGINIA 90 W Arch, Ber-
keley. Two-story 7-room dwelling.
Owner.....J. A. M-Rae, 1917 Bancroft
Way, Berkeley.

Architect...None.

Contractor...McRae & Jesman, 1917
Bancroft Way, Berkeley.

COST, \$1000

(1872) NE THIRD AND CAMELIA,
Berkeley. Two-story Cha's "B" fac-
tory.

Owner.....California Ink Co. Prem.
Architect...None.

Contractor...Arthur Arlett, 302-3 Shel-
don Bldg., S. F.

COST, \$20,000

(1876) W ROOSEVELT AVE 150 N
Channing Way, Berkeley. One-story
six-room dwelling.

Owner.....Larrence Page, 2330 Roose-
velt Ave., Berkeley.

Architect...None.
Contractor...John Franklin 3522 Roose-
velt Ave., Berkeley.

COST, \$2000

(1877) NE CEDAR AND SPRUCE,
Berkeley. Garage.

Owner.....A. F. Philburg, Premises.
Architect...None.

Contractor...Rohd L. May, 1231 Bonita
Ave., Berkeley.

COST, \$100

(1877) S JULIA 100 E California, Ber-
keley. One and one-half-story six-
room dwelling.

Owner.....F. Montano & Co., 1651
Tyler, Berkeley.

Architect...None.
Contractor...F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.

COST, \$1850

(1888) W EIGHTH 100 N Virginia,
Berkeley. One-story 4-room dwlg.

Owner.....L. Sorrick, 1st National
Bank Bldg., Berkeley.

Architect...None.
Contractor...F. R. Peake Co., 2127 Uni-
versity Ave., Berkeley.
COST, \$1150

(1889) W GROVE 110 S Virginia, Ber-
keley. One and one-half-story 7-
room dwelling.

Owner.....F. D. Chase Real Estate &
Lumber Co., 2109 Shattuck
Ave., Berkeley.

Architect...None.
Day's work.

COST, \$2700

(1890) E EAKER 250 N Oregon, Ber-
keley. One-story 5-room dwelling.

Owner.....P. H. Hadley, 1620 Alcatraz
Ave., Berkeley.

Architect...None.
Contractor...E. B. Spittler, 2154 Ashby
Ave., Berkeley.

COST, \$1800

(1892) E COLLEGE AVE 100 S Chan-
ning Way, Berkeley. Plastering and
lathing on interior and exterior for
three-story frame apartment house.

Owner.....Alameda County Home In-
vestment Co., 1st National
Bank Bldg., Berkeley.

Architect...W. H. Ratcliff Jr., 1st Nat'l
Bank Bldg., Berkeley.

Contractor...W. J. Biddle, 5701 Dover
Oakland.

Filed June 18, '13. Dated June 17, '13.

Interior wood and metal lath on 75%

Interior brown coated 75%

Interior finish coat on 75%

Exterior lath on 75%

Exterior brown coated 75%

Interior plastering completed and

accepted 75%

Usual 35 days 25%

TOTAL COST, \$1800

Penl, \$2100. Surety, Pacific Coast
Casualty Co. Limit, 30 days. Forfeit,

\$10. Plans and specifications, none.

(1894) PTN LOTS 19 AND 20 BLK 4,
Map Oakridge Claremont, Berkeley.
Excavating and grading, concrete,
brick and tile work, metal work,

plastering, carpenter, mill and cabi-
net work, painting, plumbing and
electric work for one and one-half-

story and basement dwelling.

Owner.....Gertrude D. White, Bkly.
Architect...Harri Allen, 2511 Hille-
gass Ave., Berkeley.

Contractor...Jacob House, 1818 Hearst
Ave., Berkeley.

Filed June 18, '13. Dated June 18, '13.

Frame up 1/4

1st coat plaster on 1/4

Completed and accepted and notice

filed 1/4

Usual 35 days 1/4

TOTAL COST, \$5100

Penl, none. Limit, 95 days. Forfeit,
none. Plans and specifications filed.

(1904) NW CEDAR AND LA LOMA,
Berkeley. Two-story 8-room dwlg.
Owner.....C. R. Crane, 1600 La Loma
Ave., Berkeley.

Architect...None.
Day's work.

COST, \$1500

(1907) S DELAWARE 150.2 W Curtis,
Berkeley. One-story 5-room dwlg.
Owner.....W. H. Koehrer, 906 Bristol,
Berkeley.

Architect...None.
Day's work.

COST, \$1500

(1908) N RUSSELL 300 E Dohr, Ber-
keley. One-story 7-room dwelling.
Owner.....C. Texdahl, 2035 Harper,
Berkeley.

rchitect...None.
ay's work. COST, \$1900

1913) E BAKER 310 N Oregon, Ber-
keley. One-story 4-room dwelling.
wner.....E. L. Hiteman, 12th and
Harrison, Oakland.
rchitect...O. Adamson, S. F.
ontractor...W. J. Dwyer, 1229 Kansas
Ave., Berkeley.

COST, \$1250

1923) N OREGON 43 W Wallace, Ber-
keley. One-story 5-room dwlg.
wner.....Hewitt Davenport, Com-
mercial Bldg., Oakland.
rchitect...None.
ay's work. COST, \$1300

1924) S RUSSELL 400 W Claremont,
Berkeley. Two-story 6-room dwlg.
wner.....W. H. Stoddard.
rchitect...None.
ontractor...Marshall & Diggs, 2444
Bowditch, Berkeley.
COST, \$1600

Building Contracts Awarded

Alameda.

No.	Owner	Contractor	Amt.
855	Harron	Lundholm	4000
856	Holmes	Delaney	400
857	Hooper	Strang	2000
858	Cole	Cole	1800
859	Le Boyd	Le Boyd	1700
860	Le Boyd	Le Boyd	2000
861	Stiefvater	Delaney	4235
862	Demingo	Bradhoff	1400
863	Strang	Strang	2000
864	Le Boyd	Le Boyd	1800

855) NO. 1069 SAN ANTONIO AVE., Alameda. Two-story 8-room dwlg.
wner.....Howard H. Harron, 1611
Encinal Ave., Alameda.
rchitect...M. L. Newsum, 812 Broad-
way, Oakland.
ontractor...John M. Lundholm, 1717
Wood, Alameda.

COST, \$4000

856) NO. 845 OAK, Alameda. Addition
to dwelling.
wner.....Lily C. Holmes, Premises.
rchitect...None.
ontractor...Delaney & Rindlett, 2303
Central Ave., Alameda.
COST, \$400

857) NO. 804 CENTRAL AVE., Alameda.
One-story dwelling.
wner.....C. A. Hooper & Co., Balboa
Bldg., San Francisco.
rchitect...V. N. Strang, 2015 13th Ave.
Oakland.
ontractor...Strang Bros., 1330 Bur-
bank, Alameda.

COST, \$2000

858) NO. 1827 NASON, Alameda. One-
story dwelling.
wner.....M. T. Cole, 703 Syndicate
Bldg., Oakland.
rchitect...None.
ay's work. COST, \$1700

859) NO. 503 CENTRAL AVE., Alameda.
One-story dwelling.
wner.....W. G. Le Boyd, 1340 Broad-
way, Alameda.
rchitect...None.
ay's work. COST, \$1800

860) NO. 501 CENTRAL AVE., Alameda.
One-story dwelling.
wner.....W. G. Le Boyd, 1340 Broad-
way, Alameda.
rchitect...None.
ay's work. COST, \$2000

(1926) S CENTRAL AVE 183 E Grand
E 478S 140, Alameda. Carpenter,
painting, plumbing, plastering and
electric work for one-story and base-
ment dwelling.

Owner.....Ida Elsie Stiefvater, 906
Central Ave., Alameda.

Architect...None.
Contractor...Delaney & Rindlett, 2303
Central Ave., Alameda.

Filed June 20, '13. Dated June 18, '13.
Frame up 1/4
Plastered 1/4
Completed 1/4
Usual 35 days..... 1/4

TOTAL COST, \$4295

Bond, none. Limit, 90 days. Forfeit,
none. Plans and specifications filed.

(1929) NO. 1221 BUENA VISTA AVE.,
Alameda. One-story dwelling.

Owner.....Pessi Demingo, Premises.
Architect...None.

Contractor...C. O. Bradhoff, 5502 Mar-
ket, Oakland.

COST, \$1400

(1930) NO. 2271 ENCINAL AVE., Alameda.
One-story dwelling.

Owner.....E. H. Strang, 1116 Santa
Clara Ave., Alameda.

Architect...None.
Day's work. COST, \$2000

(1931) NO. 1712 SANTA CLARA AVE.,
Alameda. One and one-half-story
dwelling.

Owner.....W. G. LeBoyd, 1340 Broad-
way, Alameda.

Architect...None.
Day's work. COST, \$1800

ABANDONMENT OF HOMESTEAD.

June 18, 1913—SE THIRTY-SIXTH
Ave 36 NE Bohmer NE 36.5 SE 122,
Okla. Sarah I Howell.

ABANDONMENT OF HOMESTEAD.

June 14, 1913—SW CENTRAL AVE
and Union W along Central Ave 49
ft. 5 in. S 150 E 49 ft. 7 in. N 150,
Ala E A and Annie Kober.

Completion Notices.

ALAMEDA COUNTY.

June 14, 1913—LOT 10 BLK 7 Map
Boardmoor, San Leandro. Gainer
G Aitken, Andrew N Aitken and
Edwin C Graff to whom it may
concern.....June 9, 1913

June 16, 1913—LOT 27 Map Derby
Tract, Brooklyn Tp. Arthur R and
Susan C Gordon to Inter Cities
Home Bldrs, Inc.....June 16, 1913

June 14, 1913—LOT 13 and Ptn Lot 14
Enlight Tract, Okla. G B Belcher
to James L Rich.....June 9, 1913

June 17, 1913—NE TRASK 40 SE
Monticello Ave SE 40 NE 160, Okla.
Peterson & Peterson to whom it
may concern.....June 11, 1913

June 17, 1913—NE TRASK 80 SE
Monticello Ave SE 40 NE 100 NW
40 SW 100, Okla. Peterson & Peter-
son to whom it may concern.....
June 13, 1913

June 17, 1913—LOT 3 and ptn Lot 4
Blk 3, Berkeley Square, Bkly.
Elizabeth A Clarke to G R Whidden
.....June 8, 1913

June 17, 1913—LOT 42 and N 12 1/2 Lot
41 Blk "V" Amended Map Regents
Park, Bkly. W A Maxwell to John
Larson.....June 16, 1913

June 17, 1913—LOT 35 BLK "F"
Northbrae Terrace, Bkly. F R Peake

Co to whom it may concern.....

June 12, 1913
June 18, 1913—S LINCOLN AVE
464 6-12 W Court W 40 S 150, Ala.
W A White to Geo W Stewart.....

June 18, 1913
June 18, 1913—S NAVY AVE 203 E
Broadway E 40 S 104, Okla. Clay-
ton M and Hurdle M Eltes to
Adolph Morgenzen.....June 17, 1913

June 19, 1913
June 19, 1913—NE MILLS 100 NW
Baker Ave NW70 NE 236.5 SE 70.07
SW 239.8, Okla. J H Oliver to Geo
H Rice.....June 13, 1913

June 19, 1913
June 19, 1913—LOT 9 BLK 9 and Lot
1 Blk 8, Map Northbrae, Bkly.
North Berkeley Land Co to Patrick
Nelson Bldg Co.....June 16, 1913

June 19, 1913
June 19, 1913—S SIXTY-THIRD 212
W Telegraph Ave S 100W 40, Okla.
W S Young to whom it may con-
cern.....June 10, 1913

June 19, 1913
June 19, 1913—LOT 11 BLK "C," Map
Kenwood Park, Okla. Lewis &
Mitchell to Jepsersen & Dippo.....
June 19, 1913

LIENS FILED.

ALAMEDA COUNTY.

June 14, 1913—LOTS 41 AND 42 Map
Lots 41 to. 54 Bachelor. Rancho
Sunol, Pleasanton. Hogan Lumber
Co vs Leland Graves, Sara C Isan-
man (now Tiedeman) and Loren
Ager.....\$28.36

June 16, 1913—E FIFTY-EIGHTH
Ave 225 S Santa Rita Ave S 50 E
100, Okla. Hunter Lumber Co vs
T L and Sadie Webster and John
and Jane Doe.....\$98.92

June 16, 1913—S FORTY-SEVENTH
262.96 E Market E 50 S 100, Okla.
L N Cobbledick Glass Co vs Carlo
Dossa and Giovanna Dossa and A
Briga & Co.....\$60.85

June 16, 1913—LOT 22 BLK 13,
Boulevard Park Tct, Okla. Melrose
Lumber & Supply Co vs Sadie Wil-
cox and T L Webster.....\$462.11

June 17, 1913—S THIRTY-NINTH
208.70 W Market W 40 NE 41.65 N
105.35, Okla. Hogan Lumber Co vs
Dilly and Rose Ahtye and Lassen
Bros.....\$112.59

June 18, 1913—SE THIRTY-EIGHTH
Ave 335 S Santa Rita SW 50 SE
120, Okla. 'J T Carrier vs Sadie
Wilcox and T L Webster.....\$22.50

June 18, 1913—S THIRTY-FIRST
451.73 W Telegraph Ave W 40 S
140, Okla. Pierce Hardware Co vs
Susie M Brackett and Gallagher &
Motts.....\$28.38

June 19, 1913—LOT 15 Map Thos
Fridge Reshdyn of Lots 105, 106,
107, 108, 154, 155, 156, 157 of Grans-
erzer Tract, Elgin Tp. Nils Quist
vs J W King and Thos Bridge.....\$225.50

June 20, 1913—LOT 22 BLK 13 Map
Boulevard Tct, Okla. Maxwell
Hardware Co vs Sadie Wilcox and
T L Webster.....\$47.91

June 20, 1913—LOT 35 BLK "C" Map
Toler Heights, Okla. Hogan Lum-
ber Co vs John H Plattner.....\$280.96

June 20, 1913—W BONITA AVE 202.96
N Blair Ave N 50 W 127.19 S 50 E
129.19, Piedmont. G C Hildecker vs
B L Alburn and Chas Chubb.....\$28.25

June 20, 1913—W BONITA AVE 202.96
N Blair Ave N 50 W 127.19 S 50 E
129.19, Piedmont. Contra Costa
Bldg Materials Co vs B L Alburn
and Hartman & Bennett.....\$108.82

June 20, 1913—W BONITA AVE 202.96
N Blair Ave N 50 W 127.19 S 50 E

129.19, Piedmont. R W Kinney Co, \$160.16; Pacific Fuel & Building Material Co, \$168.10; Panama Mill & Lumber Co, \$91.60 vs B L Alburn and A S Ruch and R A Miller..... June 20, 1913—LOT 5 BLK "D" Map Central Piedmont Tract, Piedmont. R A Miller, \$471.80; The English Co, \$300; Maxwell Hardware Co, \$222.93 United Materials Co, \$120 vs B L Alburn and A S Ruch.....

SAN JOSE AND THE SANTA CLARA VALLEY.

BRIDGES—2, reinforced concrete bridges, \$25,000 and \$8,000. San Jose, Santa Clara Co., Cal. Engineer, City Engineer Irving L. Ryder, San Jose. Owners, City of San Jose. At the last meeting of the Council plans were ordered prepared for two reinforced concrete bridges. One will cost in the neighborhood of \$25,000 and the other about \$8,000. Plans will be completed in about two weeks.

HOTEL—3 story and base, frame, \$10,000. Burlingame, San Mateo Co., Cal. Architect, John J. Foley, 46 Kearny St., S. F. Owner, Peter L. Liberopolis. The building has been designed for a rooming house containing 46 rooms and several baths. Interior finish will be of pine and redwood. Bath rooms will be finished in cement plaster. Exterior of the building will be covered with shiplap and rustic. Hot water will be supplied to all rooms. Plans are complete and figures are being taken.

Contracts Awarded.

BRIDGE—Reinforced concrete. Cost not stated. San Jose, Santa Clara Co., Cal. Engineer, County Surveyor J. G. McMillan, San Jose. Owners, Santa Clara Co. Contractor, W. H. Otto, 290 Park Ave., San Jose. Contract price, \$11,756.

STREET PAVING—Asphalt, \$101,775. San Mateo Park, San Mateo Co., Cal. Engineer, City Engineer, San Mateo. Owners, City of San Mateo. Contractors, Raich Improvement Co., S. F. Contract price, \$101,775.9.

Building Contracts.

SANTA CLARA COUNTY.

FE MARKET AND ST. JOHN, San Jose. All work for remodeling stone front of two-story brick building. Owner.....G. Wendt & Sons, Premises Architect.....C. S. McKenzie, 1st Nat'l Bank Bldg., San Jose. Contractor.....J. B. Lamb, 640 S-11th, San Jose

Filed June 3, '13. Dated June 16, '13. As work progresses..... 75% Usual 35 days.....Remainder

TOTAL COST, \$1575
Bond, \$787.50. Sureties, E. W. Schnabel and O. E. Schnabel. Limit, none. Forfeit, none. Plans and specifications filed.

TENTH AND JULIAN, San Jose. All work for five-room frame cottage. Owner.....Hugh Briody, San Jose. Architect.....None. Contractor.....G. T. Ahlman, San Jose.

Filed June 11, '13. Dated June 10, '13. Foundation complete.....\$355 Frame complete..... 410 Brown coat plaster on..... 410 House completed..... 415 Usual 35 days..... 415 **TOTAL COST, \$3640**

Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

LOT 3 BLK 2 EIGHTH ST., San Jose. All work for two-story bungalow. Owner.....Mrs. C. H. Pieper, 210 S-8th, San Jose.

Architect.....C. C. Lewis, San Jose. Contractor.....C. C. Lewis, 447 S-19th, San Jose.

Filed June 10, '13. Dated April 9, '13. Frame up.....\$ 700 1 coat plaster on..... 700 A deed to a lot valued at..... 1500 Usual 35 days..... 750 **TOTAL COST, \$3650**

Bond, none. Limit, 70 days. Forfeit, none. Plans and specifications filed.

ON ALUM ROCK AVE nr Pala Rancho, Santa Clara Co. All work for one and one-half-story frame building.

Owner.....Mrs. M. Werkheiser, San Jose.

Architect.....E. J. Jates. Contractor.....E. L. Slaght, 752 S-9th, San Jose

Filed June 2, '13. Dated May 26, '13. Frame up.....\$746 25 Brown coat plaster on..... 746 25 Building completed..... 746 25 Usual 35 days..... 746 25 **TOTAL COST, \$2985 00**

Bond, \$1500. Surety, Maryland Casualty Co. Limit, 90 days. Forfeit, \$5. Plans and specifications filed.

ON PRIEST ST., bet. San Carlos and San Antonio, San Jose. All work for one-story frame bungalow (hardware reserved).

Owner.....G. A. Rucker, San Jose. Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor.....E. E. Weldon, 78 Marshall, San Jose.

Filed June 3, '13. Dated June 3, '13. Frame up.....\$718 75 Brown plaster on..... 718 75 Building completed..... 718 75 Usual 35 days..... 718 75 **TOTAL COST, \$2875 00**

Bond, limit, forfeit, none. Plans and specifications filed.

ON THIRD ST. near Empire St., San Jose. All work for six-room frame bungalow.

Owner.....Elsie A. Preston, 48 S-7th, San Jose.

Architect.....S. G. Pelton, San Jose. Contractor.....S. G. Pelton, 445 S-3rd, San Jose.

Filed June 3, '13. Dated May 27, '13. Frame up.....\$750 Plaster on..... 750 House completed..... 750 Usual 35 days..... 750 **TOTAL COST, \$3000**

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

NO. 555 N-THIRD, San Jose. Six-room cottage.

Owner.....Mrs. Elsie Preston, 48 S-7th, San Jose.

Architect.....F. D. Wolfe, 1st National Bank Bldg., San Jose.

Contractor.....S. G. Pelton, 445 S-3rd, San Jose.

COST, \$3000

NO. 65 ST. MARY (rear), San Jose. Two-room addition and repairs.

Owner.....Nick Berapevich, Premises Architect.....None.

Day's work. **COST, \$600**

COMPLETION NOTICES.

SANTA CLARA COUNTY.

RECORDED	ACCEPTED
June 2, 1913—LOT 7 BLK 20, Los Altos. C M Gruwell to Anton Jensen.....	May 23, 1913
June 6, 1913—LOT 6 BLK 2, Acacia Park, San Jose. C Rasmussen to C Rasmussen.....	May 15, 1913
June 7, 1913—SE 12 AND 13 Twp So Range 2 West near Saratoga, Cal. J D Phelan to Fibrestone & Roofing Co.....	March 18, 1913
June 11, 1913—THIRD AND SANTA Clara, Cor. San Jose. Young Men's Christian Association to whom it may concern.....	June 5, 1913
June 13, 1913—BLK 4 Saratoga Park Tract Lots. E M Holmes to John Rodoni.....	June 10, 1913
June 14, 1913—SEC. 12 AND 13 Twp South Range 2 West, just above Saratoga, Cal. J D Phelan to The Forderer Cornice Works.....	June 4, 1913
June 16, 1913—LOT 16 BLK 7, Town of Sunnyvale. M B Taylor to R M Barton.....	June 14, 1913

Liens Filed.

SANTA CLARA COUNTY.

RECORDED	AMOUNT
June 10, 1913—LOT 5 BLK 1 Houghton Survey, Mountain View, Cal. L H Vichoot vs Odell & Jurian....	\$82

MARIN, CONTRA COSTA AND SONOMA COUNTIES.

BUNGALOW — 1 story and base, frame, \$2,500. Napa, Napa Co., Cal. Architect, L. M. Turton, Napa. Owner, Leo Klot. The house has been designed for a six-room dwelling with bath and sleeping porch. Interior will be finished in pine with some hardwood floors. There will be a large open fire place in the main living room. Mantel will be of brick. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with shingles. Plans are complete and figures are being taken.

THEATRE—2 story and base, reinforced concrete, \$10,000. Richmond, Contra Costa Co., Cal. Architect, A. W. Cornelius. Merchants' National Bank Bldg., S. F. Owners, Turner & Dahken Circuit. The building will be erected on Macdonald avenue between 8th and 9th streets, and will cover an area of 75x116 feet. There will be two small stores besides the theatre. Main auditorium will have a seating capacity of 1,100 people. Interior will be finished in pine and ornamental plaster. Construction will be practically fireproof. Exterior will be faced with cement plaster. There will be a central heating system and a modern system of ventilation. Plans are nearly complete.

Contracts Awarded.

CHURCH—1 story and base, reinforced concrete. Cost not stated. Vacaville, Solano Co., Cal. Architect, L. M. Turton, Napa. Owners, Vacaville Episcopal Church. Contractor, George M. Sharpe, Vacaville. Contract price not stated.

Liens Filed.**MARIN COUNTY.**

RECORDED AMOUNT
June 20, 1913—BELLE AVE, San Ra-
fael. M B Weiss vs F W Carey..
.....\$100

**FRESNO, MODESTO, STANIS-
LAUS AND CENTRAL
CALIFORNIA.**

RESIDENCE—2 story and base, brick and frame, \$12,000. Fresno, Fresno Co., Cal. Architects, Starbuck & Clark, Fresno. Owner, Wylie M. Griffen. The dwelling will be erected on Mr. Griffen's country place, just out of Fresno, and has been designed to contain ten rooms, baths and sleeping porch. Interior finish will be of pine and hardwoods with hardwood floors in the principal rooms. There will be furnace heat and open fire places. Mantels will be of brick and tile. Bath rooms will be finished in tile. An automatic water heater will be installed. Exterior of the dwelling will be faced with cement plaster. Plans are now being prepared.

RESIDENCES—28, 1½ and 2 story and base, frame, \$2,000 to \$4,500. Fresno, Fresno Co., Cal. Architect, none. Owners, Fresno Home Builders' Association. These dwellings will be erected on the property bounded by Jense and San Pablo avenues, La Sierra and Bremer streets. The dwellings will contain from six to eight rooms and bath. Interior finish will be of pine and hardwood with hardwood floors in the principal rooms. The better class of houses will have furnace heat. Open fire places will be used in all of the houses. Mantels will be of brick and tile. Some automatic water heaters will be used. Exterior will be covered with rustic shingles, cement plaster on metal lath and brick veneer. Plans are now being prepared and when complete construction will be carried on by Day Labor.

RESIDENCE—2 story and base, frame, \$5,500. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, J. C. Forkner. The dwelling will be erected near the Country Club and has been designed for an eight-room house with bath and sleeping porch. Interior finish will be of pine and oak with hardwood floors in the living room, dining room and reception hall. There will be furnace heat and open fire places. Mantels will be of brick and tile. An automatic water heater will be installed. Tile will be used in the bath room and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$2,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, C. H. Fowler. This dwelling has been designed for a seven room house with bath and sleeping porch. Interior will be finished in pine and oak with hardwood floors in the principal rooms. There will be a large open fire place in the living room with brick mantel. Bath room will be finished in cement plaster. Tile will be used in the kitchen. Exterior of the dwelling will be covered with cement plaster on metal lath. Plans are being prepared.

RESIDENCE—2 story and base, frame, \$7,000. Fresno, Fresno Co., Cal. Architects, Swartz, Hotchkiss & Swartz, Fresno. Owner, F. E. Connelly. The dwelling will be erected on Hayward avenue and has been designed for an eight-room house with baths and sleeping porch. All interior finish will be of pine or white enamel. Hardwood floors will be used in the principal rooms. Plans provide for furnace heat and open fire places. Mantels will be of brick. There will be an automatic water heater and probably a vacuum cleaning system. Tile will be used in the bath rooms and kitchen. Exterior of the house will be covered with cement plaster on metal lath. Plans are complete and figures are being taken.

SCHOOL—2 story and base, brick and concrete. Cost not stated. Bakersfield, Kern Co., Cal. Architect, O. L. Clark, Brower Bldg., Bakersfield. Owners, City of Bakersfield. Plans for the building which is to be erected at the corner of Niles and Williams streets have been completed and are now out for figures. The building will contain eight standard size class rooms and an auditorium. Interior will be finished in pine with maple floors. A central heating system will be installed. Exterior of the building will be faced with pressed brick. Plans can be secured from either the architect or from the Clerk of the Board of Education, A. Celsus Brower. Bids will be opened on July 1st.

Building Contracts.**FRESNO COUNTY.**

LOTS 28 TO 32 BLK 61, Fresno. All work for remodeling portion of 2nd story of store building.

Owner.....Louis Einstein & Co., Fresno.

Architect....None.

Contractor, H. A. Hansen, Fresno.

Filed June 14, '13. Dated June 14, '13.

Completion of partitions and brick work\$353.30

Completion of entire work.....353.30

Usual 35 days.....353.40

TOTAL COST, \$10,690.00

Bond, none. Limit, 75 working days.

Forfeit, none. Plans and specifications filed.

Liens Filed.**FRESNO COUNTY.**

RECORDED AMOUNT

June 12, 1913—LOTS 5 TO 15 BLK 10,

Kenmore Park, Fresno. Sam Nell

vs Burton K Bruce.....\$64.25

June 18, 1913—S 20 FT. LOT 5, LOT

6 BLK 1, Mt. Hood Add'n, Fresno.

B S Atwood, \$70; E E Combs, \$123;

J P Williams, \$45 vs H H Herrold

.....

**SACRAMENTO, STOCKTON &
NORTHERN CALIFORNIA.**

APARTMENT HOUSE—2 story and base, frame, \$17,000. Sacramento, Cal. Architect, William Willoner, 813 J street, Sacramento. Owner, A. G. Johnson. The building has been designed to contain twelve suites of three rooms each. Interior finish will be of pine, redwood and some hardwood. There will be steam heat, an automatic elevator, dumb waiters, Sim-

plex windows and disappearing beds. Bath rooms will be finished in cement plaster. Exterior of the building will be covered with cement plaster on metal lath. Plans are being prepared and will shortly be ready for figures.

BRIDGES—Concrete and frame. Cost not stated. Willows, Glenn Co., Cal. Engineer, County Engineer Styles, Willows. Owners, Glenn County. The Board of Supervisors of Glenn County have awarded a contract for the bridge on Slough No. 2, a steel and concrete structure to Jenkins & Wells, 36th and Y streets, Sacramento, for \$2,935. Concrete and steel bridge over Slough No. 3 to the Chico Construction Co. for \$1,645. A steel and concrete bridge over slough north of Biggs road on Butte Creek to the Chico Construction Co. for \$1,255.

CITY HALL REMODELING—Brick and steel construction, \$25,000. Sacramento, Cal. Architects, Siedler & Hoen, Forum Bldg., Sacramento. Owners, City of Sacramento. Plans are nearly complete for remodeling the City Hall building. A number of the offices will be enlarged, new plastering, painting and plumbing installed, and the interior of the building generally improved. Bids will be advertised for within the next week or ten days. Considerable cabinet is all to be done.

BANK AND OFFICES—10 story and base, brick and steel, \$150,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owners, Commercial Savings Bank of Stockton. This work has been mentioned here before when plans were first prepared. Working drawings have been completed and bids are now being taken. The building is to be erected at the corner of Main and Sutter streets, and will be the most modern office building in the city. The entire first floor and basement will be occupied by the bank. Upper floors will be subdivided into modern offices. Construction will be fireproof. Interior will be finished in pine, marble and hardwoods. Plans provide for steam heat, elevator service, a vacuum cleaning system and mail chutes. Exterior will be faced with pressed brick and terra cotta. Plans can be secured from the architects.

HOTEL—2 story addition, brick and steel. Cost not stated. Placerville, El Dorado Co., Cal. Architect, J. B. Ogborn, Richmond. Owner, J. A. Paffetto, Ivy House, Placerville. The two additional stories will be arranged for a number of guest rooms and baths. Interior finish will be of pine throughout. There will be a central heating system and hot water plant. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

STORE ALTERATIONS—3 story and base, brick, \$6,000. Sacramento, Cal. Architects, Siedler & Hoen, Forum Bldg., Sacramento. Owners, Weinstock-Lubin Co. This work will include new interior fixtures and finish, new plumbing and plastering and some painting. Plans for the work are complete and figures are now being taken.

THEATRE—3 story and base, reinforced concrete, \$80,000. Sacramento, Cal. Architect, A. W. Cornelius, Merchants' National Bank Bldg., S. F. Owners, Turner & Dahken Circuit. The building will be erected on K street between 11th and 12th streets, and covers a considerable ground area. There will be two stores on the first floor besides the theatre. Main audi-

torium will have a seating capacity of 2,000 people. Interior will be finished in pine with ornamental plaster. Plans provide for a central heating system and modern ventilation. The third floor of the building will probably be arranged for offices. Construction will be fireproof. Exterior of the building will be faced with cement plaster. Plans are now being prepared.

THEATRE—1 story and base, brick and frame, \$10,000. Stockton, San Joaquin Co., Cal. Architects, Stone & Wright, San Joaquin Bldg., Stockton. Owner, L. A. Irvine. The building will be erected at the corner of Sutter and Channel streets, and has been designed for a moving picture house. Floor will be of cement. Interior finish will be of pine and ornamental plaster. Some art glass will be used. The exterior of the building will be faced with cement plaster. Plans are complete and figures are being taken by the architects.

Building Contracts.

SACRAMENTO COUNTY.

LOT 206, Oak Grove. Erect dwelling. Owner.....W. T. Foster, Oak Park. Architect...None. Contractor...H. Buck, 3100, Walnut Ave. Sacramento. COST, \$1000

LOT 1025, ELMHURST, Sacramento. Erect dwelling. Owner.....W. E. Darby, 319 Pine. Sacramento. Architect...None. Day's work. COST, \$2000

LOT 5 BLK 1 Boxler Tract, Sacramento. Erect dwelling. Owner.....L. Summerfield, 1920 L St., Sacramento. Architect...None. Contractor...B. A. Pierce, 36th & Park Ave., Sacramento. COST, \$2500

S ¼ LOT 1, C, D, 25TH AND 26TH STS. Sacramento. Erect dwelling. Owner.....C. T. Chimson, 310 19th. Sacramento. Architect...None. Day's work. COST, \$2400

PTN. LOT 5, M, N, 4TH AND 5TH STS., Sacramento. Alter building. Owner.....Chan Ho., 426 P St., Sacramento. Architect...None. Contractor...M. D. Smith, 1904 I St., Sacramento. COST, \$500

E 20 FEET LOT 6 —, Sacramento. Erect dwelling. Owner.....H. Y. Stewart, 1212 F St., Sacramento. Architect...None. Day's work. COST, \$2500

LOT 1, G, H, 20TH AND 21ST STS., Sacramento. Erect dwelling. Owner.....J. S. Gazeby, 1903 H St., Sacramento. Architect...None. Contractor...Saunders Bros., 2810 II St., Sacramento. COST, \$2865

LOT 9, B, C, 12TH AND 13TH STS., Sacramento. Alter building.

Owner.....J. Chiarto, 1211 C St., Sacramento. Architect...None. Contractor...C. Vanina, 2022 M St., Sacramento. COST, \$500

PTN LOT 4, M, N, 2ND AND 3RD STS., Sacramento. Alter building. Owner.....Jake Retzanesky, 220 J St., Sacramento. Architect...None. Contractor...C. Vanina, 2022 M St., Sacramento. COST, \$800

Building Contracts.

SAN JOAQUIN COUNTY.

LOT 7 BLK 76 W, Stockton. Erect frame building. Owner.....Tom Dickey. Architect...None. Day's work. COST, \$2000

NO. 234 E-MAIN, Stockton. Remodel brick building. Owner.....N. W. Gross, Premises. Architect...None. Day's work. COST, \$2000

LOT 9 BLK 243 E, Stockton. Three-story frame flats. Owner.....E. J. Matteson, 1140 E-Market, Stockton. Architect...None. Day's work. COST, \$6000

LOT 14 BLK 78 W, Stockton. Erect frame building. Owner.....E. A. Babcock. Architect...None. Day's work. COST, \$1000

LOTS 7, 15 AND 16 BLK 14 E, Stockton. Remodel brick building. Owner.....George Wolf Bros., 430 E-Main, Stockton. Architect...None. Day's work. COST, \$4450

COMPLETION NOTICES.

SACRAMENTO COUNTY.

RECORDED ACCEPTED
June 16, 1913—E 50 OF N ½ OF LOT 4, P, Q, 18TH AND 19TH STS., Sacramento. George N Hignett to Frank P Williams. June 12, 1913
June 16, 1913—S ½ OF N ½ OF 5, K, L, 2nd and 3rd Sts., Sacramento. Laura E Laine to G E Harvie. May 31, 1913
June 16, 1913—W ½ OF S ½ OF 8, N, O, 11th and 12th Sts., Sacramento. Louis F Breuner to Latourette-Fical Co, H Goldman, Capital Paint Co June 16, 1913

LOS ANGELES AND SOUTHERN CALIFORNIA.

MUSIC HALL—1 story and base, reinforced concrete, \$100,000. Los Angeles, Cal. Architect, Myron Hunt, Hilberian Bldg., L. A. Owners, Hilberian College. The building will be erected on the grounds of the Pomona College and will be arranged for a large auditorium seating 1,000 people, ten studios and twenty practice rooms. Construction will be fireproof throughout. Interior finish will be of oak. A tile roof will be used. Exterior of the building will be faced with cement plaster. Plans are also being prepared for an art building, similar in construction,

which will cost in the neighborhood of \$12,000. Plans will be completed and bids will be called for about September 1st.

APARTMENT HOUSES—2, 3 story and base, frame, \$70,000. Hollywood, Los Angeles Co., Cal. Architects, Main Building and Investment Co., Thorpe Bldg., L. A. Owner, H. M. O'Malley. These buildings will be erected on adjoining property and in reality will be one large building and two wings. The main portion covers an area of 36x86 feet. Interior will be arranged for two and three room suites with baths. Interior finish will be of pine and hardwood. Bath rooms will be finished in tile and cement plaster. All suites will have private bath rooms and wall beds. Plans provide for a central heating system, elevator service and a vacuum cleaning plant. Exterior of the building will be covered with cement plaster. Plans are nearly complete and the work will probably be carried out by the Main Building and Investment Co.

APARTMENT HOUSE—3 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Eisen & Son, Wilcox Bldg., L. A. Owner's name withheld. The building will be erected at the corner of 12th and Figueroa streets and will cover an area of 77x102 feet. Interior will be arranged for a total of 54 rooms divided into two and three room suites with baths. There will be five stores on the first floor. Interior finish will be of pine with some hardwood. Plans include steam heat, a vacuum cleaning system and hot and cold water system. Bath rooms will be finished in tile and cement plaster. Exterior of the building will be faced with pressed brick. Plans are nearly complete.

HOSPITAL—4 story and base, reinforced concrete. Cost not stated. Los Angeles, Cal. Architects, Garrett & Farrell, Currier Bldg., L. A. Owners, Methodist Hospital Association. The building will be erected on South Hope street near Jefferson, and will cover an area of 60x141 feet. This building will be known as the administration building, and it is planned to eventually add two wings, each four stories in height and each 155x136 feet. Construction will be fireproof throughout, with interior partitions of hollow tile and metal lath and plaster. Exterior will be faced with cement plaster. Interior will be finished in pine, marble and tile. There will be steam heat, elevator service, dumb waiters and modern hospital plumbing. Plans are nearly complete.

HOTEL—4 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architects, Neher & Skilling, Garland Bldg., L. A. Owner, W. H. Wagner. The building will be erected on Hope street near 8th, and will cover an area of 60x125 feet. Plans provide for a total of 95 guest rooms and 60 baths. Interior will be finished in pine and white enamel. Bath rooms will have cement floors and tile wainscot. There will be metal lath and plaster partitions and metal window frames and sash. Steam heat, elevator service and vacuum cleaning will be installed. Hot and cold running water will be supplied to all rooms. Exterior of the building will be faced with artificial stone. Marble and tile will be used in the entrance. Plans are complete and figures will be called for at once.

HOTEL—1 story and base, brick and steel. Cost not stated. Los Angeles, Cal. Architect, E. C. Thorne. Realty Board Bldg., L. A. Owner, I. I. De Hall. This building has been mentioned here before when plans were first started. The building will cover an area of 60x100 feet, and has been arranged for five stores on the first floor besides the entrance to the hotel. Upper floors will be subdivided into 100 guest rooms and a number of baths. Interior finish will be of pine and hardwood veneer. There will be steam heat, elevator service, a vacuum cleaning system and hot water supply. Exterior of the building will be faced with pressed brick. Plans are now complete and figures are being taken.

SCHOOL—2 story and base, brick and reinforced concrete, \$10,000. Ontario, San Bernardino Co., Cal. Architect, Norman F. Marsh, Broadway Central Bldg., L. A. Owners, Ontario City School District. This building has been mentioned here before when the architect was first commissioned to prepare the plans. Working drawings are complete and bids are now being taken. The plans provide for ten class rooms, auditorium, manual training and domestic science departments. Exterior walls, floors and roof will be of concrete and brick. Metal lath and plaster interior partitions will be used. Finish will be of pine with maple floors. There will be a central heating system, program clocks and a vacuum cleaning system. Exterior of the building will be faced with pressed brick.

DAM—Reinforced concrete. Cost not stated. Palmdale, Los Angeles Co., Cal. Engineers, Allin & Allin, 65 North Raymond Ave., L. A. Owners, Palmdale Water Company. The dam will be erected on Little Rock Creek and will be 300 feet long, 60 feet high, and is designed to impound water to irrigate 2,500 acres. Plans are also being prepared for two similar dams which will be erected higher up in the same canyon. Plans for the first dam are nearly complete and figures will be called for shortly.

CHURCH—Class A construction, \$150,000. Los Angeles, Cal. Architects Cram, Goodhue & Ferguson, Boston. Owners, St. Paul's Pro-Cathedral. B. C. Goodhue is now in Southern California with Bishop Johnson and is going over the details for the construction of a new church edifice on Olive street between 5th and 6th streets. Working drawings will be started as soon as Mr. Goodhue returns east. Further mention of the work will be made in these columns.

CHURCH—Class A construction, \$200,000. Los Angeles, Cal. Architects, Imbs & Comes, St. Louis, Mo. Owners, St. Vincent's Catholic Church. This new edifice will be erected at the corner of West Adams and Figueroa streets. It is reported that E. L. Dohy has donated \$130,000 towards the construction and that the balance of the \$200,000 is already assured. Father Glass and one of the architects will make a tour of Europe before the designs for the building are started. Further mention of the work will be made in these columns.

STORES AND OFFICES—1 story and base. Class A construction. Cost not stated. Santa Barbara, Santa Barbara Co., Cal. Engineers, Mayberry & Park-

er, Pacific Electric Bldg., L. A. Owner, Mr. Hawley. This building has been mentioned here before. Plans have been revised, providing for a four-story instead of a three-story building. There will be stores on the first floor and a large number of modern offices on the upper floors. Exterior will be faced with pressed brick and terra cotta. Plans are complete and the work will be done by Day Labor.

Contracts Awarded.

HOTEL—2 story and base, brick. Cost not stated. Los Angeles, Cal. Architect, John E. Kunst, Higgins Bldg., L. A. Owner, Henry J. Stevens. Contractor, J. N. Connors, 415 East 8th St., L. A. Contract price not stated.

RESIDENCE—2 story and base, frame, \$22,570. Pasadena, Los Angeles Co., Cal. Architects, Parkinson & Bergstrom, Security Bank Bldg., L. A. Owner, H. O. Ayer. Contractor, E. D. Tyler, 539 South Pasadena Ave., Pasadena. Contract price, \$22,570.

HOSPITAL—2 story and base, brick and steel, \$55,000. Oxnard, Ventura Co., Cal. Architect, A. C. Martin, Higgins Bldg., L. A. Owners, Sisters of Mercy. Contractor, Thomas Carroll, Oxnard, general construction only. Contract price, \$12,000.

PORTLAND AND OREGON.

BANK—2 story and base, reinforced concrete. Cost not stated. Bandon, Ore. Architect, Benj. Ostlund, Marshfield. Owners, First National Bank of Bandon. The building is designed in the classic style. First floor will be arranged for one store besides the bank. Upper floors will be subdivided into modern offices. Interior of the banking rooms will be finished in pine and ornamental plaster. There will also be ornamental iron and bronze. Plans provide for safe deposit vaults. There will be a central heating system. Exterior of the building will be faced with cement plaster.

HOTEL—3 story and base, brick and steel. Cost not stated. Portland, Ore. Architect, W. B. Bell, Worcester Bldg., Portland. Owners, Fisher & Thorsen. The building will be located at the southwest corner of Landsdale and Washington streets, and will cover an area of 100x100 feet. Plans are to be prepared for a building with several stores on the first floor besides the entrance to the hotel. Upper two floors will be arranged for single rooms, a number of which will have connecting baths. There will be steam heat and hot and cold water in all rooms. Interior finish will be of pine throughout. Patent store fronts are to be specified. Exterior of the building will be faced with pressed brick. Plans will be prepared at once.

FREIGHT DEPOT—8 story and base, reinforced concrete. Portland, Ore. Architects, Engineering Department Hill System. Owners, Hill System, J. H. Young, President, Portland. The building will be erected on Morrison and Belmont streets and will cover a large area. Construction will be fire-proof throughout, with reinforced concrete walls and floors. The largest freight elevators in the west will be installed in the building together with modern methods for handling freight. Extensive trackage system will be constructed in the rear of the building. Exterior will be faced with cement

plaster. Plans are now being prepared.

PASSENGER STATION—2 story and base, brick and steel, \$50,000. Eugene, Ore. Architects, Doyle & Patterson, Worcester Bldg., Portland. Owners, Portland, Eugene and Eastern R. R. Co. The building will cover an area of 3x855 feet. There will be two waiting rooms on the first floor and upper floor will contain the offices of the company at Eugene. Interior finish will be of pine and hardwood. Steam heat and a hot water system will be installed. Exterior of the building will be faced with pressed brick. A clay tile roof is specified. Plans are complete and figures are being taken. Several large freight sheds will be erected on adjoining property shortly.

APARTMENT HOUSE—3 story and base, brick, \$30,000. Portland, Ore. Architect, D. L. Hogan, Lumber Exchange Bldg., Portland. Owner, A. S. Ellis. The building will be erected on a corner lot and will cover an area of 50x100 feet. There will be 29 suites of two rooms and bath. Interior finish will be of pine with some hardwood veneer and floors. Plans provide for steam heat, elevator service, a vacuum cleaning system and hot water supply. Tile and marble will be used in the entrance. Bath rooms will be finished in cement plaster and tile wainscot. All suites will be equipped with wall beds. Exterior of the building will be faced with pressed brick. Plans are now being prepared.

LODGE HALL—2 story and base, brick and steel, \$60,000. Portland, Ore. Architects, Clausen & Clausen, Maclean Bldg., Portland. Owners, Turn Verein Association. This work has been mentioned here before when the architects were first commissioned to prepare plans. Working drawings are now complete and figures are being taken. The building will contain a number of meeting rooms, social halls and a large gymnasium. Interior will be finished in pine and hardwoods. There will be steam heat and a hot water system. Exterior will be faced with pressed brick.

Contracts Awarded.

HOTEL—4 story and base, brick, \$75,000. Portland, Ore. Architects, Root & Hoose, Commercial Club Bldg., Portland. Owner, A. C. Pike. Contractors, Investors Building and Trust Co., Yeon Bldg., Portland. Contract price, \$75,000.

SCHOOL—2 story and base, reinforced concrete, \$75,000. Kenton, Ore. Architect, none. Owners, Town of Kenton. Contractor, John Almeter, Portland. Contract price, \$75,000.

SEATTLE AND WASHINGTON.

DAM—Reinforced concrete, \$800,000. Cedar River, Wash. Engineer, City Engineer, Seattle. Owners, City of Seattle. Bids opened for the construction of the Cedar River Dam show Nettleton, Bruce & Eachbach of Seattle low at \$687,110. The contract for the work will probably be awarded to them.

APARTMENT HOUSE—7 story and base, brick and steel, \$200,000. Vancouver, B. C. Architect, O. R. Lightheart, 2941 Burns St., Vancouver. Owner, O. R. Lightheart. The building is to be erected at the northwest corner of Butte and Nelson streets and will cover a considerable area. Interior



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has been arranged for two and three room apartments, all with bath. There will be disappearing beds. Interior will be finished in pine and hardwoods. Plans provide for steam heat, automatic elevator service, hot and cold water supply and a vacuum cleaning system. Bath rooms will be finished in tile and cement plaster. Exterior of the building will be faced with pressed brick. Plans are to be completed at once and the work will be done by Day Labor under the personal direction of the architect.

SCHOOL—2 story and base, reinforced concrete. Cost not stated. Brewster, Wash. Architects, Keith & Whitehouse, Spokane. Owners, Brewster School District. Plans for a building containing eight class rooms, auditorium and principal's office have been completed and approved by the School Trustees. Bids for the construction are now being taken and will be opened on July 2nd. Interior will be finished in pine with maple floors. Plans provide for a central heating system, program clocks and vacuum cleaning. Exterior of the building will be faced with cement plaster. Plans can be secured from the architects or from M. F. Milbury, Clerk of the Board of School Trustees.

WAREHOUSE—2 story and base, brick, \$30,000. Seattle, Wash. Architects, Saunders & Lawton, Alaska Bldg., Seattle. Owner, Gozert Schwabacher Land Co. The building will cover an area of 120 feet square. Plans are complete and separate figures are being taken for the general construction and for the heating and plumbing. Interior will be left rough. Plans provide for a cement floor, metal window sash and frames and fireproof doors. Exterior will be faced with stock brick.

STORES AND WAREHOUSE—9 story and base, reinforced concrete, \$100,000. Seattle, Wash. Architect, G. C. Nimmons, Chicago. Owners, Sears-Roebuck Co. Plans provide for a main building nine stories in height, covering a ground area of 120x120 feet with and L, also nine stores and covering an area of 250x266 feet. Construction will be fireproof throughout. There will be steam heat, elevator service, metal window sash and frames, fireproof doors and parcels chutes. Exterior will be faced with cement plaster. Plans will be ready for figures about July 15th. The Chicago, Milwaukee and Puget Sound Railroad will finance the building.

STORE—1 story and base, reinforced concrete and steel, \$32,000. Seattle, Wash. Architect, C. A. Meussdorfer, American Bank Bldg., Seattle. Own-

ers, Blum & Alter. Plans for a one-story and basement building covering a large area are complete and figures will be taken at once. The building will contain a number of retail stores. Interior will be finished in pine with some hardwood trim. There will be plate glass display windows in patent store fronts. Exterior of the building will be faced with cement plaster.

THEATRE—3 story and base, reinforced concrete, \$150,000. Vancouver, B. C. Architect, J. J. Donnellan, 319 Pender St., West Vancouver. Owner's name withheld. The building will be erected at the corner of Main and Keefer streets, and is to be Class A in every respect. The main auditorium will have a seating capacity of 2,500 people. There will be three balconies. Interior will be finished in pine, hardwoods and ornamental plaster. Plans provide for a steam heating system and modern ventilation. There will be reinforced concrete floors, metal window sash and frames and metal stairways. Exterior of the building will be faced with cement plaster. Plans for the work are now being prepared.

BANK—3 story and base, brick, \$20,000. Seattle, Wash. Architects, Beezer Bros., Northern Bank Bldg., Seattle. Owners, Broadway State Bank. The building will be erected on Broadway and East Pike street. The entire first floor and basement will be occupied by the bank. Upper floors will be arranged for offices. Interior of the banking rooms will be finished in hardwood, marble and tile. Upper floors will be finished in pine. Plans provide for a steam heating system, safe deposit vaults and coin vaults. Exterior of the building will be faced with pressed brick. Plans are complete and figures are being taken.

BRIDGES AND SNOW SHEDS—\$700,000. Rexford and Columbia Pass, Wash. Engineer, Engineering Department Great Northern R. R. Owners, Great Northern R. R. Company. Contractors, Grant Smith & Co., Henry Bldg., Seattle. Contract price, \$700,000.

Contracts Awarded.

APARTMENT HOUSE—3 story and base, brick and steel, \$35,000. Seattle, Wash. Architect, James H. Schack, T. S. Lippy Bldg., Seattle. Owner, C. D. Stimpson. Contractor, N. F. Allen, People's Bank Bldg., Seattle. Contract price, \$35,000.

FACTORY—2 story and base, steel and concrete, \$32,000. Seattle, Wash. Architect, none. Owners, Great Western Smelting and Refining Co., Contractor, H. D. Stewart, American Bank Bldg., Seattle. Contract price, \$32,000.

FACTORY—7 story and base, brick and concrete. Cost not stated, Van-

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couver, B. C. Architects, Dalton & Eveleigh, Davis Chambers, Vancouver. Owners, John Leckie & Co. Contractor, George Snider Brethour, Dominion Bldg., Vancouver. Contract price not stated.

THEATRE—2 story and base, brick and steel, \$150,000. Seattle, Wash. Architect, E. W. Houghton, Collins Bldg., Seattle. Owners, King Amusement Co. Contractors, Grant Smith Co., Henry Bldg., Seattle. Contract price, \$150,000.

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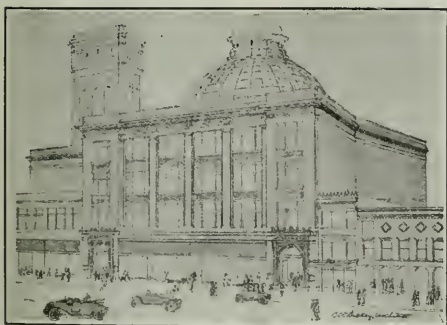
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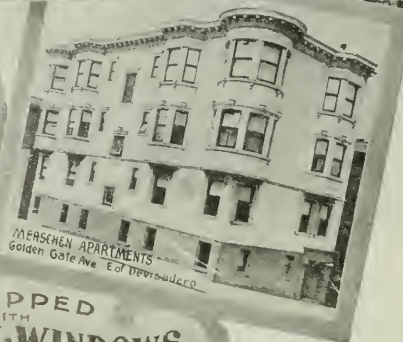
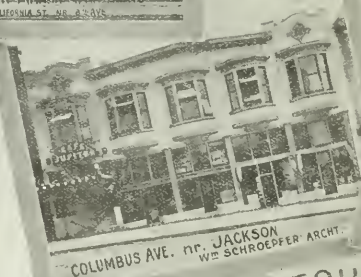
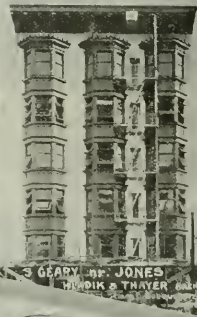
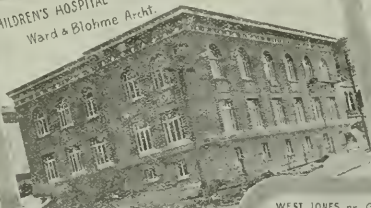


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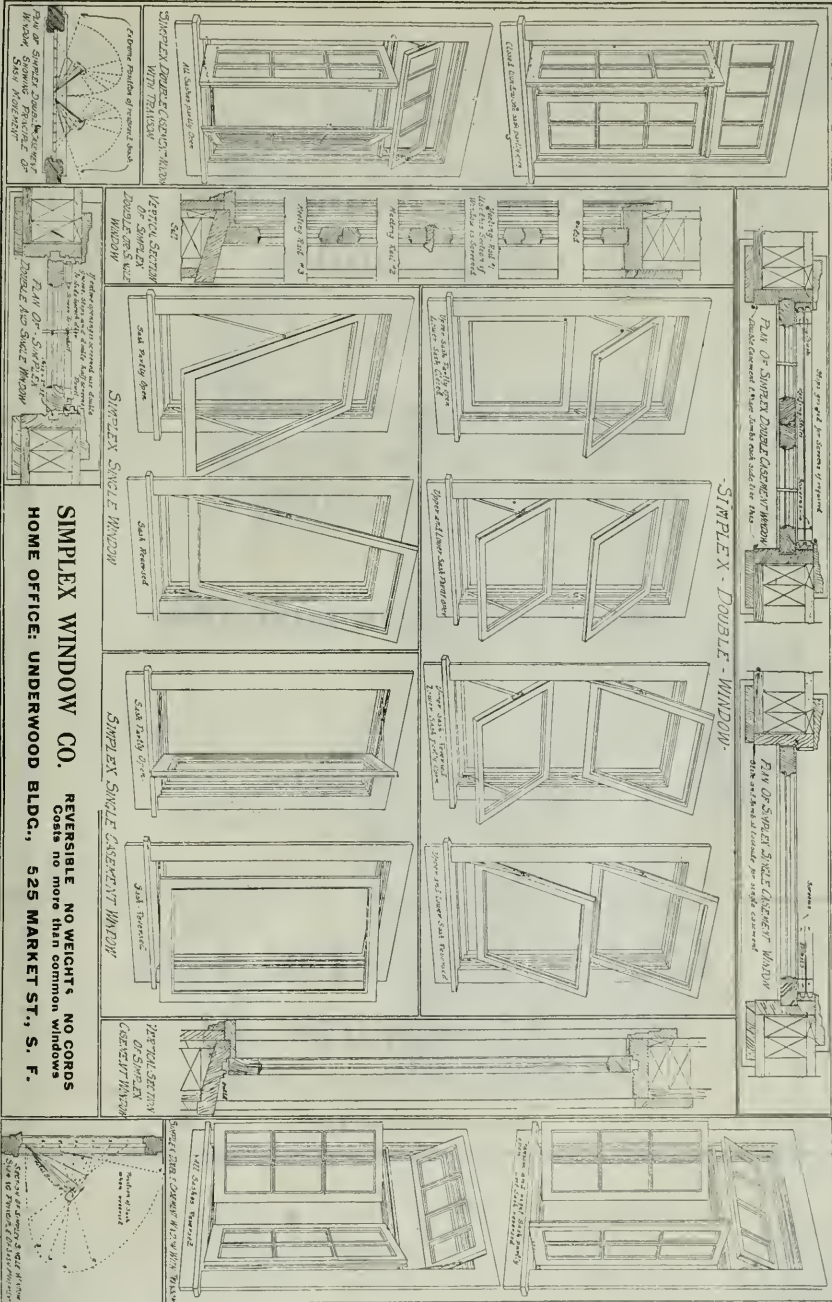
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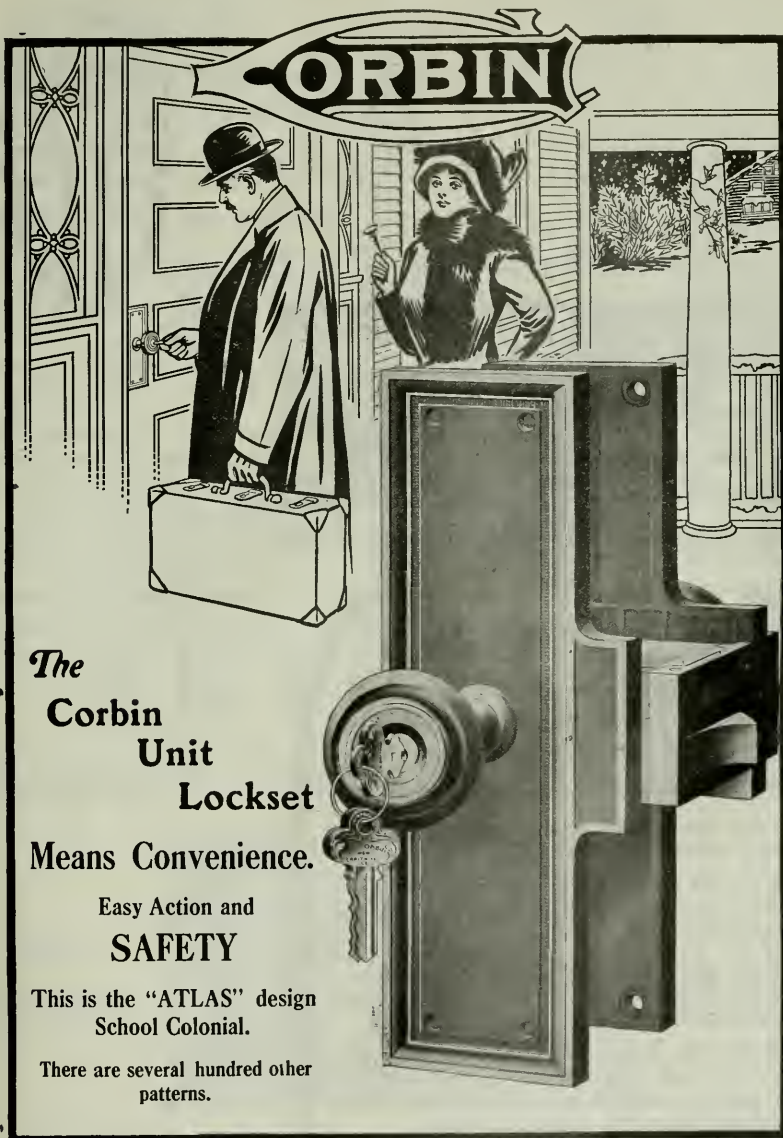
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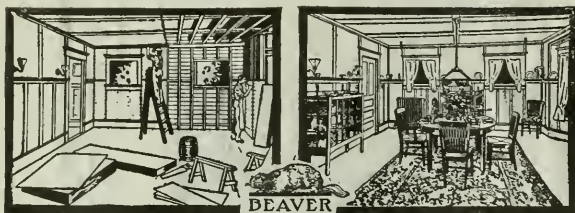
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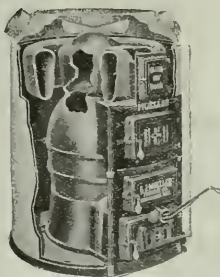
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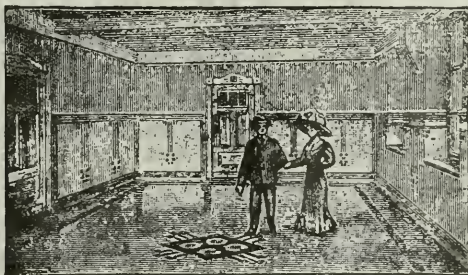
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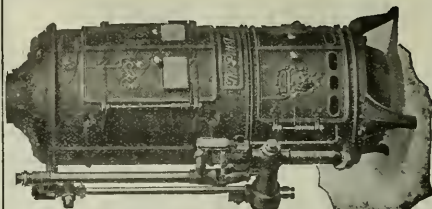
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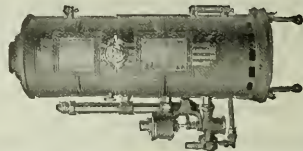
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Neal, Joseph
Neldick, Frank
Newsom, Wm. A.
Nielsen, N. F.
O'Brien, J. J.
Olson, Andrew
Owsley, Burt T.
Peterson, W. O.
Peterson & Per-
son
Pratt, J. P.
Quinn, J. J.
Ransome Concrete
Co.
Rednall, W. W.
Rette, J. B.
Rickon & Ehrhart
Rog & Con. Co.
Rolandi, F.
Sauer, Adam
Saywell, Sylvester
Schultz, J. J.
Siogren Brothers
Siller Brothers
Sniedel, P. F.
Stockholm & Al-
lyn
Taylor & Goerick
Terrill, W. A. &
C. C.
Tessner, H. A.
Thurston & Co.
E. T.
Trast, Robert
Walker, O. H. &
Seth
Ward & Goodwin
Wenderling, J.
Witzelberger, J.
Williams Bros.
Wm. Henderson
Wold & Kahn
Wright Chas.
Wm. J. Mem
*Honorary Mem

Advertising.

Nichols, Advertis-
ing Co., M. R.
Walsh & Co., T. J.
Architectural Iron
Works.
Art Metal Works
Artistic Metal
Works
Bros. Iron Works
Eureka Wire &
Iron Works
Farrrenkopf &
Sons, C.
Glasser & Kloeres
Hillard & Co., C.
J.
Leuthardt & Co., I.
Monarch Iron
Works
Michel & Pfeffer
North Star Iron
Works
Sartorius Co.
Ralston Iron
Works
Wm. Const Wire
& Iron Works
Arch. Sheet Metal
Works.
S. F. Metal Stamp-
ing & Corr. Co.
Arch. Terra Cottin.
Calif. Pottery Co.
Carnegie Brick &
Pottery Co.
Diamond Brick Co.
Gladding, Mc-
Bean Co.

Frank Lansing
R. L. MacFar-
low
Chas. Wright
Clerk
E. A. McCallum

General Contractors

Steiger Terra Cot-
to Co.
Vallejo Brick and
Tile Co.
Art Ceilings.
Berger Mfg. Co.
Art Glass.
Grosslicht & Din-
elene
Schwarz & Gott-
lieb
Artistic Plaster
Decorations.
Binzer Theodore
Larson, O. F.
Lipp & Co., J. P.
Lowe, J. P.
Pioneer Plate &
Window Glass
Co.
Thomas & Snel-
der Art Glass Co.

Asbestos Materials

Johns - Manville
Co., H. W.
Western Asbestos
W. E. Magnus, C. L.
Western Builders'
Supply Co.
Asphalt & Bitu-
men Paving
Nugent, Robinson
Attorneys.

Aitken & Aitken

Auto Delivery.

Holland, J. P.
Star Con. Co.

Automobile

Burgers, Supplies.

Banking.

Mission Sav. Bank
Boiler & Pipe Cov-
ering.

Johns - Manville
Co., H. W.

Lewis, W. S.
Western Asbestos
Magnesia Co.

Bonds & Insurance

Agency Company
Aetna Life Ins. Co.
Burke & Co.(Inc.)
Wm. P.
Haydon, Jas. C.
Illinois Surety Co.
Lawrence, Jas. A.
Lloyd & Spangler
Mach. Co., H. V.
Marshall, A.
Frank Co.
Meherin & Son,
Edm.
Pacific Coast Casu-
alty Co.
Pacific Surety Co.
Roberts, J. H.
Strong, Belden &
Farr

Brick Contractors

Alexander, Robt.
Allen, C. J.
Anderson & Rai-
son
Brennan, J. E.
Collin, Jean
Dividers & Larsen
Finnala & Sea-
born
Gilbertsen &
Johns
Gilson, John E.
Hansen, James
Holding & Car-
man
Johnson, J. W.
Koenig, Jos.
Koldenstrodt, F.

Mealey & Collins
Messner, P.
McWhirter &
Drake
Millerick, Phil. J.
Oberfeld, Chas.
O'Rourke, T. E.
Reed & White
Tingberg, John
Watson Bros.

Brick Dealers.

Bay Develop. Co.
Calif. Pottery Co.
Carnegie Brick &
Pottery Co.
City Supply Co.
Diamond Brick Co
The Co.
Gladding - Mc-
Bean Co.
McNear Brick
Co.
Steiger Terra Cot-
ta & Pottery Wks
Vallejo Brick &
Western Develop-
ment Syndicate
Western Lime &
Cement Co.

Building Journals

Building and An-
dustrial News.
Daily Pacific
Builder

Building Materials

Algetinger, E.
Alsen's Portland
Cement Co.
Baker & Hamil-
ton
Bay Develop. Co.
Bell, W. E.
Berger Mfg. Co.
Bird & Son, F. W.
Cal. Bldg. Mate-
rial Co.
Cal. Pottery Co.,
Inc.
City Supply Co.
& Concrete Co.
Drat Co.
Carnegie Brick &
Pottery Co.
Cowell Lime and
Cement Co. H.
Diamond Brick Co
Dwan Co., J. E.
Falls Mfg. Co.
Fulmer & Co., W.P.
Gladding - Mc-
Bean Co.
Guerlin & Co., J. S.
Holland, J. P.
Johns - Manville
Co., H. W.
Jorgensen & Co., C
Lennon Co., J. E.
Lilley & Thurston
Co.
Meyer, Adolph
Pac. Portland Ce-
ment Co.
Paraffine Paint Co.
Parrott & Co.
Quality Lime &
Cement Co.
Shannon, M. T.
Shasta Lime Pro-
ducts Co.
Sherman - Kim-
ball Co.
Simon-Fout Brick
Co.
Standard Portland
Cement Co.
Steiger Terra Cot-
ta & Potry Wks
Vallejo Brick &
Tile Co.
Waterhouse &
Price Co.
Western Asbestos
Magnesia Co.
Western Builders'
Supply Co.
Western Develop-
ment Syndicate
Cement Co.
Whittier - Coburn
Woods & Hud-
dard
Wornden, Meeker
Vornish Co.

Cement Dealers.

Algetinger, E.
Alsen's Portland
Cement Co.
Boyd & Moore
City Supply Co.
Cowell Lime &
Cement Co.
Dwan & J. E.

Guerlin & Co., J. S.
Holland, J. P.
Quality Lime &
Cement Co.
Lilley & Thurston
Co.
Pacific Portland
Cement Co.
Shasta Lime pro-
ducts Co.
Standard Portland
Cement Co.
Waterhouse &
Price Co.
Western Lime &
Cement Co.
Chimneys, Patent
Clawson Co., L. E.
Dresser - McDon-
nell Co.
Dunlevy & Gettle
Hughes, H. J.
Concrete Contrac-
tors.

Arras, Adam

Barrett & Hilt
Camp & Carrillon
Chalmers, H. A.
(Inc.)

Chase, S. A.
Co-operative Ar-
chitectural Stone Co.
Dillon, H.
Eggen, A. C.
Flaherty, W. N.
Gas Bro. Co.
Gilmour, W. G.
Gnecco, M. H.
Grussel, Herman
Hansen & John-
son
Hann, C. C. W.
Hurley, P.
Leonard, J. P.
McCabe & Brown
McClennahan, T.W.
McGregor, O. K.
Mattson, J.
Mason Concrete
& Mosale Wks.
Nelson & Co., C.O.
New Era Marble
& Concrete Co.
Nugent, Robinson
Peterson - Nelson
Co.

Rasmussen, A.
Rupp, G. P.
San Francisco
Concrete Co.
Schlosser, Max
Schmidt & Son, J.
Spargo, John
Stanquist & Tay-
lor.

Szoke, Francis
Thomas & Sands
Westerlund, J. V.
Zimmerman, L. M.

Concrete Mach-
Bacon & Co., E. R.
Graves - Spears
Road Machy. Co.
Lilley & Thurston
Co.
Lidvmore Co.,
Norman B.

Contractors' Equip-
ment.
A. L. Young Mac-
Chinery Co.
Appman Cornice
Works
Bacon & Co., E. R.
Hess, G. W.
Orinstein
thur Koppel Co.

Cornice Works.
Abrahamson, B. P.
Atlas Heating &
Ventilating Co.
Bartol Co. Wks.
Carroll Sheet
& Metal Works
Crown Cornice
Works
Gulffor Cor. Wks.
Conyns & Nygren
Forderer Cornice
Co. Works
G. & M. Sheet
Metal Works
Hibernia Sheet
Metal Works
Hughes, H. J.
Hurbelle Bros.
Ideal Cornice Co.
Korell & Co., J. A.
Modern Sheet
Metal Works
Morrison & Co.
Olive, Cox &
Leary

Rulofson Metal
Window Works.
S. F. Cornice Co.
S. F. Metal Stamp
& Corr. Co.

Crude Oil Burners
Bill & Jacobsen
Sherran, Kimball
& Co.

Crushed Rock.

Bay Devel. Co.
Cal. Building Ma-
terial Co.
Cassarretto, John
City Supply Co.
Holland, J. P.
McMullan, A. L.
Simon-Fout Brick
Co.
Standard Crushed
Rock Co.
Stone Co., E. B. &
A. L.
Western Develop-
ment Syndicate

Damp Proofing.

Brickley, P. J.
Fox, John L.
Imperial Water-
proofing Co.
Reagle & Jamel-
son
Tarlton, L. A.

Door Opener and Closer.

Rischmeyer, Geo.
Electrical Instru-
ments
American Gas &
Electric Fixture
Co.
Pac. Gas & Elec-
tric Co.

Electric Light Co.

City Electric Co.
S. F. Gas & Elec-
tric Co.

Electric Wiring & Equipment.

American Elec. &
Constr. Co.
Brothers, Turner
Cal. Elec. Constr.
Co.
Central Elec. Co.
City Protective
Electric Co.
Davis Elect. Co.
Decker Electrical
Construction Co.
Farworth, Elec-
trical Works.
General Electric
Constr. Co.
General Eng. Co.
Globe Electric
Works

Hanbridge, W. S.
Hicks Elect. Co.
Levy Elec. Co.
Manhattan Elec-
tric Co.
Mell Elec. Co.
National Electric
Co.

Newberry - Bend-
heim Elec. Co.
Schmitz, Extin-
guisher Co.
Ridley, A. E. R.
Rochdale Elec. Co.
Schmitz, M.
Standard Elec. Co.
Turner Co., The
Weldental - Gos-
liner Elec. Co.

Weil Electric Co.
Elevator Builders
Otis Elevator Co.
S. F. Elevator Co.
Van Emon Eleva-
tor Co.

Estimator.

Walker, Z. M.
Church

Floors, Composi- tion.

Artolith Mfg. Co.
Berthel R.&P. Co.
J. W.
Dwan Co., J. E.
Firestone &
Roging Co.
Flaherty, R. P. &
Co., R. H.
Goodmanson, A. K.
Hansen, Fred C.
Malott, Peterson
& Adams.
Watsonite Co.

Flooring, Hardwood

Calif Parquet F.
Co.
Hardwood Int. Co.
Inland Floor Co.
Pac. Floor Sand-
ing Co.

- Galvanized Iron.**
Baker & Hamilton.
Berger Mfg. Co.
Gas Fixture.
American Gas & Elec. Fixture Co.
Glass & Glazing.
Cal. Plate & Window Glass Co.
Cohen, I.
Faulstich, W. P.
Grosslicht & Dinneen.
Habenicht & Howlett.
Missioa Plate & Window Glass Co.
Pioneer Plate & Window Glass Co.
Schwarz & Gottlieb.
Thomas & Sernel.
Cal. Glass Co.
- Grading.**
Brankin, J. P.
Butcher, L. V.
Cassaretto, John.
Devincenzi & Co., L.
Dillon Teaming Co.
Gallen, Carlin & McCrory.
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Lefler & Spinks.
Luggen, Ernest.
McGaffigan, P. J.
McGlinchey & Monahan.
Monarch Team Co.
Montague Co., P.
Nonan Bros.
O'Day Co., Dan'l.
O'Donnell, Philip.
Olmo & Son, J.
Powers, Chas. J.
Rahman & Woods.
Star Con. Co.
Wright, C. J. H.
- Granite Curbing.**
Graham Granite Co.
Leed Granite Co., W.
Pacific Granite Co.
Placer Granite Co.
- Gravel.**
Ray Devel. Co.
Cal. Building Material Co.
Marland Crushed Rock Co.
Stone Co., E. B. & A. L.
- Hardwood Dealers.**
Inlaid Floor Co.
Hardwood Interior Co.
Wood Lumber Co., F. K.
- Hardware, Bldgs.**
Baker & Hamilton.
Brittain & Co.
Joost Bros.
Marshall - Newell Supply Co.
Meyer, Adolph.
Norman & Sons, G.
Palace Hardware Co.
S. F. Hardware Co.
Smith Co., P. A.
- Hay & Grain.**
Aiklinger, E.
Farrell, M. W.
- Heating & Ventilating.**
Ahlbach & Mayer.
Atlas Heating & Ventilating Co.
General Eng. Co.
Kierman & O'Brien.
Lawson, Herman.
Manumery & Otter.
Snook & Son, Wm. S.
Turner Co., The.
Hones - Meyers & Radner.
- Hatch, H. L.**
Moore, F. A.
Pearson, A.
Pearson, N. H.
Stratton, C. C.
Sullivan, D. J. & T.
- Inlaid Floors.**
Parquet Floor Co.
Hardwood Interior Co.
Inlaid Floor Co.
Pac. Floor Sanding Co.
Iron & Steel.
Baker & Hamilton.
Dawson & Noyes.
Ludlow Mfg. Co.
Woods & Huddart.
Iron Works.
Art Metal Works.
Brodeur Iron Wks.
Dyer Bros.
Eureka Wire & Iron Wks.
Folsom, St., Iron Works.
Glasser & Kloeres.
Golden Gate Iron Works.
Hillier, Co., C. J.
Michel & Pfeiffer.
Monarch Iron Works.
North Star Iron Works.
Ralston Iron Works.
R. F. Iron Works.
Sartorius Co.
Schneider's Iron Works.
Security Iron Wks.
Steiger & Kerr.
Holland, J. P.
Lennon Co., J. E.
Lefler & Spinks.
Luggen, Ernest.
McGaffigan, P. J.
McGlinchey & Monahan.
Monarch Team Co.
Montague Co., P.
Nonan Bros.
O'Day Co., Dan'l.
O'Donnell, Philip.
Olmo & Son, J.
Powers, Chas. J.
Rahman & Woods.
Star Con. Co.
Wright, C. J. H.
- Lathers, Wood & Metal.**
Hayden, Fred.
Lynch, Richard.
McAbee, E. T.
Raymond, Wm. H.
Ward, J. E.
- Lime & Plaster Dealers.**
Arden Plaster Co.
Cal. Lime & Hydrate Co.
Cowan & Co.
Cement Co.
Guerin & Co., J. S.
Holland, J. P.
Lennon Co., J. E.
Pacific Portland Cement Co.
Quality Lime products Co.
Western Lime & Cement Co.
Lumber Dealers.
Acme Lumber Co.
Christensen Lumber Co.
Columbia Lumber Co.
Do Co., Frank P.
Hart-Wood Lumber Co.
Hauptman, L.
Lumber Co., J. H.
Hooper Lumber Co.
Loop Lumber Co.
MacDonald Lumber Co.
Moore Mill and Lumber Co.
Olson Mahony Lumber Co.
Pope & Talbot.
Reinhart Mill & Lumber Co.
Santa Fe Lumber Co.
S. F. Lumber Co.
Schouten & Co., J. W.
Van Arsdale-Harris Lumber Co.
Wilson Bros. & Co.
Wall, Jos. P.
Wood Lumber Co., E.
Yates, Wm. F.
- Magnesite Floor-Ing.**
Artiller Mfg. Co.
Bentley R. & P.
Dwan & Co., J. E.
Barrett R. & F. Co.
Fidestone & Flanerty R. & P. Co.
R. H.
Goodmansons, A. K.
Herrington, Fred C.
Masott & Peterson.
Tiernan & Bero-nio.
Watsonite Co.
Mantels, Tiles & Grates.
Ginsberg Bros.
Hulse Tile Co.
Kirwan & Donovan.
Mangrum & Otter.
Peerless Agencies.
Petrovsky, John.
Thomson, J. W.
Watson Mantel & Tile Co.
- Marble and Mosaic Work.**
Florentine Art Studio.
Gervais, Henry.
Gnecco, M. H.
Grassl & Co., P.
Mission Concrete & Mosaic Wks.
Musto Sons-Keenan.
New Era Marble & Concrete Co.
Atlantic Fireproofing Co.
Berger Mfg. Co.
Lilley & Thurston Co.
Roebeling Constr. Co.
Waterhouse & Western Builders' Supply Co.
Metal Stamping.
S. F. Metal Stamping & Corr. Co.
Oils and Greases.
Standard Oil Co.
Ornamental Plastering.
Binner, Theodore.
Larson, O. F.
Lipp & Co., J. P.
Woods, John P.
Painters and Decorators.
Baker Co., W. T.
Bernstein, Wm.
Blum, Loula.
Burns & Joseph.
Clark & Dickson.
Cooksey, A. C.
Dahl, T. H.
Donovan, V. J.
Erickson, Wm.
Flynn & Mikkel-sen.
Hansen, Elbing A.
Journald, Art.
Le Baron Paint-ing Co.
Miller, J. A.
McGibbin & James.
Manning, John.
Neal, L. J.
Quandt & Son.
Reinfor. & Const. J. F.
Rudman, I.
Schaefer, Wm.
Slepuzhnikoff & Co., Fred.
Smith, J. S.
Sovik, C. B.
Storheim & Schroeder.
Sparks & Sons.
Swanson, Peter.
The Globe Paint-ers.
Wagner, Mayer.
Wagner, Fred.
Wagner Bros.
Zelinsky, R.
Clark & Dickson.
Fuller Co., W. P.
O'Brien Paint Co.
Pratt & Lambert.
Whittier - Coburn Co.
Warden - Meeker.
Varnish Co.
- Patent Chimneys.**
Clayton, L. E.
Dresser - McDon-Hughes, H. J.
Dunlevy & Gettle.
Fire Driving.
Yosemite Constr. Co.
- Planing Mills.**
Anderson Bros.
Birch Co., L. H.
Builders' Supply Depot.
Cal. Door Co.
Cal. Planing Mill.
Elkington & Huckle.
Empire Planing Mill.
Hermann, A.
Herring's Mill.
Holden - Deuprey Co.
Lorden Mill Co., J. P.
Main St. Planing.
Moore Mill & Lum-ber Co.
Pac. Coast Mill & Lumber Co.
Premus Planing Mill.
Reinhart Lumber & Planing Mill.
Santa Clara Val-ley Mill & Lum-ber Co.
Searle & Hayman.
Spencer St. Plan-ing Mill.
Taylar & Co., R.
Usana Mfg. Co.
Western Planing Mill.
Veyhle & Collins.
Yates, Wm. F.
- Plasterers.**
Bradley & O'Reilly.
Brennan, James.
Burt, Chas.
Campbell, Chas.
Cashman, M. J.
Chalmers, H. A.
Glosser, G. W.
Glosser & Kaiser.
Cline, T. J.
Greenback, Joe.
Gunn & Co., J. E.
Daly, J. H.
Duthie, Chas.
Fraser, Simon.
Fry, A.
Gilmour, W. G.
Jacobson, N.
Kaiser, Jos.
Leaf & Kaiser.
Lowat Donald.
Orford, J. A.
Phiblin, J. J.
Terranova, J. M.
Tunnet, W. C.
Wagner, James A.
- Plumbing and Gas Fitting.**
Ahlbach & Mayer.
Bosous Bros.
Bernard, Geo. F.
Condon & Band.
Empire Plumbing Co.
Doe Co., Ham-mond.
Goss, Wm. P.
Grundy, Edward.
Houston, J. J.
Jacobs, C. Herger.
Kara, F. E.
Kelly, Henry M.
Kierman & O'Brien.
Kirschbaum, W. F.
Lacey Bros.
Lawson, Herman.
Lettich Bros.
Levy Plumbing Co., M.
Looney Co., M.
Max, Gus.
McLeod, J. J.
Perazzi, H. J.
Skelly, Thomas.
Snook & Son, W. S.
Stewart, James E.
Tunnet, J. C.
Turner Co., The.
Wetzel, Theo.
Wilson & Co., Wm. F.
- Plumbers Supplies.**
Nelson Mfg. Co.
Railroad Vent.
Fritzsche & Pas-senger.
Kent, James B.
- Railway Materials.**
Lanford, Bacon & Meyers.
Orenstein - Ar-thur Koppel Co.
Real Estate.
Ludwig, J. C.
Yosemite Constr. Co.
- Roofing.**
Lamburth, C. E.
Markley, James E.
Roofing, Gravel & Composition.)
Anders Roofing Co.
B. P.
Bender Roofing & Paving Co.
Cal. Roofing Co.
Canley & Co., J.
Enterprise Roof-ing Co.
Fibresone & Roofing Co.
Flaherty, R. H.
Goodmansons, A. K.
Lawson Roofing Co.
Lowat Bros.
Malott, Peterson & Adams.
Raphel Roofing Co.
Samuel Co., H. D.
Tibbitts Roofing Co.
Western Asbestos & Magnesite Co.
Western Felt and Refining Co.
Roofing (Slate & Tile.)
Graham, R. G.
White, Ed. A.
- Roofing Materials.**
Johns - Manville Co., H. W.
Paraflex Paint Co.
Price.
Western Asbestos & Magnesite Co.
Western Builders' Supply Co.
Whittier - Coburn Co.
- Sand, Gravel, Etc.**
Bay Develop. Co.
Cal. Building Ma-terial Co.
Holland, J. P.
McMullin Bros.
Stone Co., E. B. & A. L.
- Sanitary Garbage Chutes.**
Bill & Jacobson.
Sill Blasting.
McGibbin & James.
- Sheet Metal Wks.**
Abrahamson, B. P.
Appman Cornice Works.
Atlas Heating & Ventilating Wks.
Barth Cornice Works.
Capitol Sheet Metal Works Co.
Comyns & Nygren.
Crown Cornice Works.
Forderer Cornice Works.
G. & M. Sheet Metal Works.
Guilfoyle Cornice Sheet Metal Works.
Hughes, H. J.
Husabelle Bros.
Ideal Cornice Wks.
Korell & Co., J. A.
Modern Sheet Metal Works.
Morrison & Co.
O'Brien, Cox & Leary.
Rulofson Metal Window Wks.
S. F. Cornice Co.
S. F. Metal Stamping & Corr. Co.
Sidewalk Lights.
Burger Affr. Co.
Dwight & Co., J. E.
McGulchan & Co.
John Waterhouse & Price.
Western Builders' Supply Co.
- Stair Builders.**
Bishop & Peralto.
Boller, John.
Jacobson, J.
Johnson, C. Wm.
Long, E. W.
Porter, W. F.
Stewart, J. K.
Stationers.
Foster & Short.
Steel Bars.
Baker & Hamilton.
Dawson & Noyes.
Woods & Hud-Steel Erector.
Williams & Con-struction Co.
Stenographic and Typewriting.
Nichols Advertis-ing Co., M. R.
Waterson, Elliott.
Store Fronts.
Jorgensen & Co., J.
Kawner Mfg. Co.
Waterhouse & Price.
Western Builders' Supply Co.
Structural Steel Contractors.
Judson Mfg. Co.
Schraeder's Iron Works.
Western Iron Sup-ply Co.
Woods & Huddart.
Stoves.
Mangrum & Otter.
Steiger & Kerr.
Structural Steel Contractors.
Brode Iron Wks.
Dyer Bros.
Golden Gate Iron Works.
San Francisco Iron Works.
Ralston Iron Wks.
Schauer, Fred C.
Zenith Iron Wks.
Surveyors.
Sanborn & Corin-son.
Teaming & Grad-ing.
Brankin, J. P.
Butcher, L. V.
Devincenzi & Co., L.
Dillon Teaming Co.
Gallen, Carlin & McCrory.
Hartnett, J. D.
Holland, J. P.
Lennon Co., J. E.
Lefler & Spinks.
Luggen, Ernest.
McGaffigan, P. J.
McGlinchey & Monahan.
Monarch Team Co.
Montague Co., P.
Nonan Bros.
O'Day Co., Dan'l.
O'Donnell, Philip.
Olmo, M. & O.
Powers, Chas. J.
Star Contracting Co.
Wright Co., J. H.
- Tiling.**
Ginsberg Bros.
Ginsberg & Co., S.
Hillier, Co., C. J.
Kilwan & Dor-ran.
Manumery & Otter.
Peerless Agencies.
Petrovsky & Co., J. W.
Tr.
Waterhouse & Vacuum.
Bill & Jacobson.
Sherman, Kinball Co.
- Wall Beds.**
Marshall - Stearns Co.
- Water Company.**
Spring Valley Water Works.
Whitewashing.
Bickley, F. A.
Reisig & Jamison.
Taylor, L. A.
Window Cleaning.
American Window Cleaning Co.
City House & Window Cleaning Co.
Progressive Window Cleaning

Patent Chimneys.
Clawson & Co., L.
B.
Dunley & Gettle
Dresser - McDon-
nell Co.
Cal. Pottery Co.

Planing Mills.
Anderson Bros.
Buell Co., Gu. A.
Burnham, Stan-
ford Co.
Ca., Door Co.
Cal. Milling Co.
Central Lumber &
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Plasterers.
Binner, Theo.
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Felt, R. I.
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McClell, J. C. C.
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W. Johns
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L. Co.
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